FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 21625

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2009 13:59 Calibration End Date: 11/03/2009 16:05 Calibration ID: 3868

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-21625/4	z5462.d
Level 2	IC 460-21625/7	z5465.d
Level 3	IC 460-21625/6	z5464.d
Level 4	ICIS 460-21625/2	z5460.d
Level 5	IC 460-21625/5	z5463.d
Level 6	IC 460-21625/3	z5461.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	26892 530890	47808	86824	199557	297383	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	30705 670186	57122	101949	245952	344112	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	55699 1214646	105657	190380	440005	612543	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD	CRY	Ave	+++++ +++++	+++++	+++++	1369	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Benzaldehyde	DCB	Ave	27249 +++++	41333	90702	135722	101078	5.00 +++++	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	79576 +++++	144581	272566	628327	813255	5.00 +++++	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	79375 1414390	133765	252829	550286	694019	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	4796 1588056	102300	189883	431850	586128	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	68562 1249050	117814	221729	487673	622450	5.00 120	10.0	20.0	50.0	80.0
n-Decane	DCB	Ave	51733 901404	91833	162958	349036	487191	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	76594 1552641	137258	254493	579921	804485	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	78913 1530742	135786	249947	567351	791246	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	32724 697559	58326	119563	282294	344973	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	72284 1358905	126485	234569	513291	706827	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	LinF	58061 921932	101805	179647	385420	491439	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	52470 953683	88567	168591	377782	467765	5.00 120	10.0	20.0	50.0	80.0

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Calibration Start Date: 11/03/2009 13:59 Calibration End Date: 11/03/2009 16:05 Calibration ID: 3868

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Toluidine	DCB	Ave	79850 1561507	141749	268741	612920	781069	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	78232 1466437	136909	261064	575513	746618	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	3451 605267	63066	120708	267993	329579	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	57501 928418	95616	185244	391225	485248	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	55634 928418	95232	182409	388962	485248	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	2829 550488	53908	101619	224855	307148	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	7992 1309078	142899	272118	587822	749219	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	10481 1652780	157518	298653	661585	884603	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	96024 1963086	167977	328639	766046	1011381	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	31496 675230	55046	107658	252667	332992	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	50091 928595	78759	167753	371725	464350	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	58549 1144285	101589	201601	461918	605958	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	QuaF	11490 556417	25145	69289	167748	205827	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	47391 857552	78620	152401	338727	440434	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	5810 1087468	95170	181377	415583	563325	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	168553 3122437	295357	558719	1261722	1688409	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	60117 1187839	105302	207584	493486	642076	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	7019 661981	58869	111159	248146	346663	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	11482 259810	21777	50472	107263	141786	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	43588 855143	75618	152766	359053	460897	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	101816 1918689	172243	340751	773612	1027004	5.00 120	10.0	20.0	50.0	80.0

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SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2009 13:59 Calibration End Date: 11/03/2009 16:05 Calibration ID: 3868

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1-Methylnaphthalene	NPT	Ave	98982 1935594	173014	336551	768974	1004634	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	24762 732198	44045	96100	266864	354765	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	66432 1133913	116183	227383	536660	700430	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	29033 682119	50236	102377	242893	314356	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	31422 608009	52574	108435	250989	330774	5.00 120	10.0	20.0	50.0	80.0
1,1'-Biphenyl	ANT	Ave	117685 1958131	204566	403146	897183	1127078	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	92314 1666469	159970	316161	695831	929916	5.00 120	10.0	20.0	50.0	80.0
Phenyl ether	ANT	Ave	64337 1244314	110691	218344	498712	668221	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	54083 457122	47444	93516	223524	273158	10.0 120	10.0	20.0	50.0	80.0
1,3-Dimethylnaphthalene	ANT	Ave	78992 1614624	126977	267954	608049	781064	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	30029 603563	53163	112252	263526	337250	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	95398 1786993	163812	337923	773755	1013094	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	3733 444483	36995	78619	192399	250991	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	142480 2749986	245363	501976	1157389	1509860	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	44641 460510	38445	85330	203420	272314	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	82263 1547709	141847	288749	664708	872934	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	79868 1607982	139606	286074	640947	874143	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	23664 269430	30243	59099	105725	148253	15.0 120	20.0	30.0	50.0	80.0
4-Nitrophenol	ANT	Ave	43459 278549	46416	84285	144910	187925	15.0 120	20.0	30.0	50.0	80.0
Dibenzofuran	ANT	Ave	122702 2269825	208857	421523	973250	1269607	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	5728 525844	48095	103339	246977	330873	1.00 120	10.0	20.0	50.0	80.0

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			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Naphthylamine	ANT	Ave	62046 1361558	125558	258071	588001	758463	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	92657 1831951	162195	346635	816617	1064749	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	95729 1755730	165637	341204	777630	1025499	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	47515 884953	81179	167275	381834	509613	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	41207 375546	37209	79169	193969	239556	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	38764 303506	46228	83008	139816	182724	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	62197 1181528	108405	228034	545090	727630	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	103110 1940708	180584	369305	837834	1088091	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	26201 558643	45710	95783	227349	314193	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	2553 560334	45678	98981	235242	317779	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	22390 402336	41279	86523	191862	252640	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	42056 342692	48709	87515	147098	196737	15.0 120	20.0	30.0	50.0	80.0
n-Octadecane	PHN	Ave	49881 842604	88240	174499	377652	477717	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	121714 2252405	214259	449080	1045669	1381905	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	123202 2308222	215755	450153	1065106	1398521	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	108465 1861163	189120	394564	945268	1192063	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	136786 2464746	243002	523167	1234897	1582922	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	119280 1951459	210377	437567	1024326	1297569	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	7336 +++++	103389	136761	82497	43313	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	120964 1864624	215829	438665	1031318	1269171	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	49943 728580	88787	187670	440571	539356	5.00 120	10.0	20.0	50.0	80.0

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			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbamazepine	CRY	LinF	22029 442445	50894	110112	273932	353194	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	45897 276421	88404	138525	193563	224777	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	11011 1162176	153513	299343	714200	874161	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	85521 1085262	149679	293739	682717	827938	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	63833 963370	116198	238766	576227	711677	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	71985 1130016	138660	302555	767952	952755	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	4476 776654	94970	184613	459803	577228	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	6068 822806	115019	224231	525462	648918	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	LinF	3191 660605	79974	155035	384900	490963	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	QuaF	2149 592234	50153	110599	285476	408405	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	LinF	2158 591107	58239	120747	308037	420844	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	33496 594490	60565	116981	300496	410910	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	58639 1182242	106821	199629	445200	570751	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	68466 1202950	116427	217999	483373	590733	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	53813 1138990	101991	196715	473739	617440	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	103324 2184888	184884	363495	862841	1128529	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	11994 288008	21156	45812	115188	157512	5.00 120	10.0	20.0	50.0	80.0
Terphenyl-d14	CRY	Ave	86289 1498236	162669	326020	802940	1016427	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5460.d
Report Date: 04-Nov-2009 07:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5460.d
Lab Smp Id: ICIS-210292
Inj Date : 03-NOV-2009 13:59
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : ICIS-210292
Misc Info : 50 ppm bna 4407
Comment :
Method : /chem/BNAMS11.i/8270/11-03-09/03nov09.b/8270C_08SP.m
Meth Date : 04-Nov-2009 07:48 croccom Quant Type: ISTD
Cal Date : 03-NOV-2009 13:59 Cal File: z5460.d
Als bottle: 2 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.140	1.140	(0.313)	199557	50.0000	48
	19 N-Nitrosodimethylamine	74	1.340	1.340	(0.368)	245952	50.0000	50
	71 Pyridine	79	1.357	1.357	(0.373)	440005	50.0000	49
$	16 2-Fluorophenol (SUR)	112	2.393	2.393	(0.657)	445200	50.0000	49
	110 Benzaldehyde	77	3.187	3.187	(0.876)	135722	50.0000	41
	73 Aniline	93	3.310	3.310	(0.909)	628327	50.0000	50
$	17 Phenol-d5 (SUR)	99	3.316	3.316	(0.911)	483373	50.0000	49
	1 Phenol	94	3.328	3.328	(0.914)	550286	50.0000	48
	20 bis(2-Chloroethyl)ether	93	3.387	3.387	(0.930)	431850	50.0000	48
	2 2-Chlorophenol	128	3.434	3.434	(0.943)	487673	50.0000	49
	113 n-decane	43	3.504	3.504	(0.963)	349036	50.0000	47
	21 1,3-Dichlorobenzene	146	3.581	3.581	(0.984)	579921	50.0000	49
*	79 1,4-Dichlorobenzene-d4	152	3.640	3.640	(1.000)	289427	40.0000	
	22 1,4-Dichlorobenzene	146	3.657	3.657	(1.005)	567351	50.0000	48
	74 Benzyl Alcohol	108	3.804	3.804	(1.045)	282294	50.0000	53

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5460.d
Report Date: 04-Nov-2009 07:48

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	==========	====	==	======	======	========	=======	=======
	23 1,2-Dichlorobenzene	146	3.810	3.810	(1.047)	513291	50.0000	48
	24 bis (2-chloroisopropyl) ether	45	3.940	3.940	(1.082)	385420	50.0000	56
	3 2-Methylphenol	108	3.946	3.946	(1.084)	377782	50.0000	50
	126 O-Toluidine	107	4.057	4.057	(1.115)	612920	50.0000	50
	104 Acetophenone	105	4.075	4.075	(1.120)	575513	50.0000	49
	25 N-Nitroso-di-n-propylamine	70	4.087	4.087	(1.123)	267993	50.0000	51
	4 4-Methylphenol	108	4.104	4.104	(1.128)	388962	50.0000	49
	123 3 & 4 Methylphenol	108	4.104	4.104	(1.128)	391225	50.0000	49
	26 Hexachloroethane	117	4.151	4.151	(1.141)	224855	50.0000	50
$	76 Nitrobenzene-d5 (SUR)	82	4.216	4.216	(0.854)	473739	50.0000	51
	27 Nitrobenzene	77	4.240	4.240	(0.858)	587822	50.0000	48
	107 N,N-Dimethylaniline	120	4.245	4.245	(1.166)	661585	50.0000	48
	28 Isophorone	82	4.487	4.487	(0.908)	766046	50.0000	49
	5 2-Nitrophenol	139	4.557	4.557	(0.923)	252667	50.0000	49
	6 2,4-Dimethylphenol	122	4.640	4.640	(0.939)	371725	50.0000	49
	29 bis(2-Chloroethoxy)methane	93	4.722	4.722	(0.956)	461918	50.0000	49
	15 Benzoic Acid	122	4.804	4.804	(0.973)	167748	50.0000	55
	7 2,4-Dichlorophenol	162	4.816	4.816	(0.975)	338727	50.0000	48
	30 1,2,4-Trichlorobenzene	180	4.887	4.887	(0.989)	415583	50.0000	48
*	80 Naphthalene-d8	136	4.940	4.940	(1.000)	1004952	40.0000	
	31 Naphthalene	128	4.957	4.957	(1.004)	1261722	50.0000	48
	32 4-Chloroaniline	127	5.034	5.034	(1.019)	493486	50.0000	51
	33 Hexachlorobutadiene	225	5.104	5.104	(1.033)	248146	50.0000	47
	111 Caprolactam	113	5.422	5.422	(1.098)	107263	50.0000	51
	8 4-Chloro-3-methylphenol	107	5.557	5.557	(1.125)	359053	50.0000	51
	34 2-Methylnaphthalene	142	5.657	5.657	(1.145)	773612	50.0000	49
	120 1-Methylnaphthalene	142	5.751	5.751	(1.164)	768974	50.0000	49
	35 Hexachlorocyclopentadiene	237	5.828	5.828	(0.872)	266864	50.0000	53
	121 2-tert-Butyl-4-methylphenol	149	5.904	5.904	(1.195)	536660	50.0000	51
	9 2,4,6-Trichlorophenol	196	5.957	5.957	(0.891)	242893	50.0000	48
	10 2,4,5-Trichlorophenol	196	5.998	5.998	(0.897)	250989	50.0000	48
$	77 2-Fluorobiphenyl (SUR)	172	6.034	6.034	(0.902)	862841	50.0000	48
	36 2-Chloronaphthalene	162	6.139	6.139	(0.918)	695831	50.0000	47
	102 Diphenyl	154	6.128	6.128	(0.916)	897183	50.0000	48
	103 Diphenyl Ether	170	6.239	6.239	(0.933)	498712	50.0000	47
	37 2-Nitroaniline	65	6.257	6.257	(0.936)	223524	50.0000	51
	125 1,3-Dimethylnaphthalene	156	6.363	6.363	(0.952)	608049	50.0000	47
	114 Coumarin	146	6.457	6.457	(1.307)	263526	50.0000	52
	38 Dimethylphthalate	163	6.457	6.457	(0.966)	773755	50.0000	49
	40 2,6-Dinitrotoluene	165	6.504	6.504	(0.973)	192399	50.0000	52
	39 Acenaphthylene	152	6.545	6.545	(0.979)	1157389	50.0000	49
	41 3-Nitroaniline	138	6.669	6.669	(0.997)	203420	50.0000	51
*	82 Acenaphthene-d10	164	6.687	6.687	(1.000)	517462	40.0000	
	42 Acenaphthene	154	6.716	6.716	(1.004)	664708	50.0000	49
	122 2,6-Di-tert-butyl-p-cresol	205	6.739	6.739	(1.008)	640947	50.0000	47
	11 2,4-Dinitrophenol	184	6.769	6.769	(1.012)	105725	50.0000	52
	12 4-Nitrophenol	65	6.869	6.869	(1.027)	144910	50.0000	56

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5460.d
Report Date: 04-Nov-2009 07:48

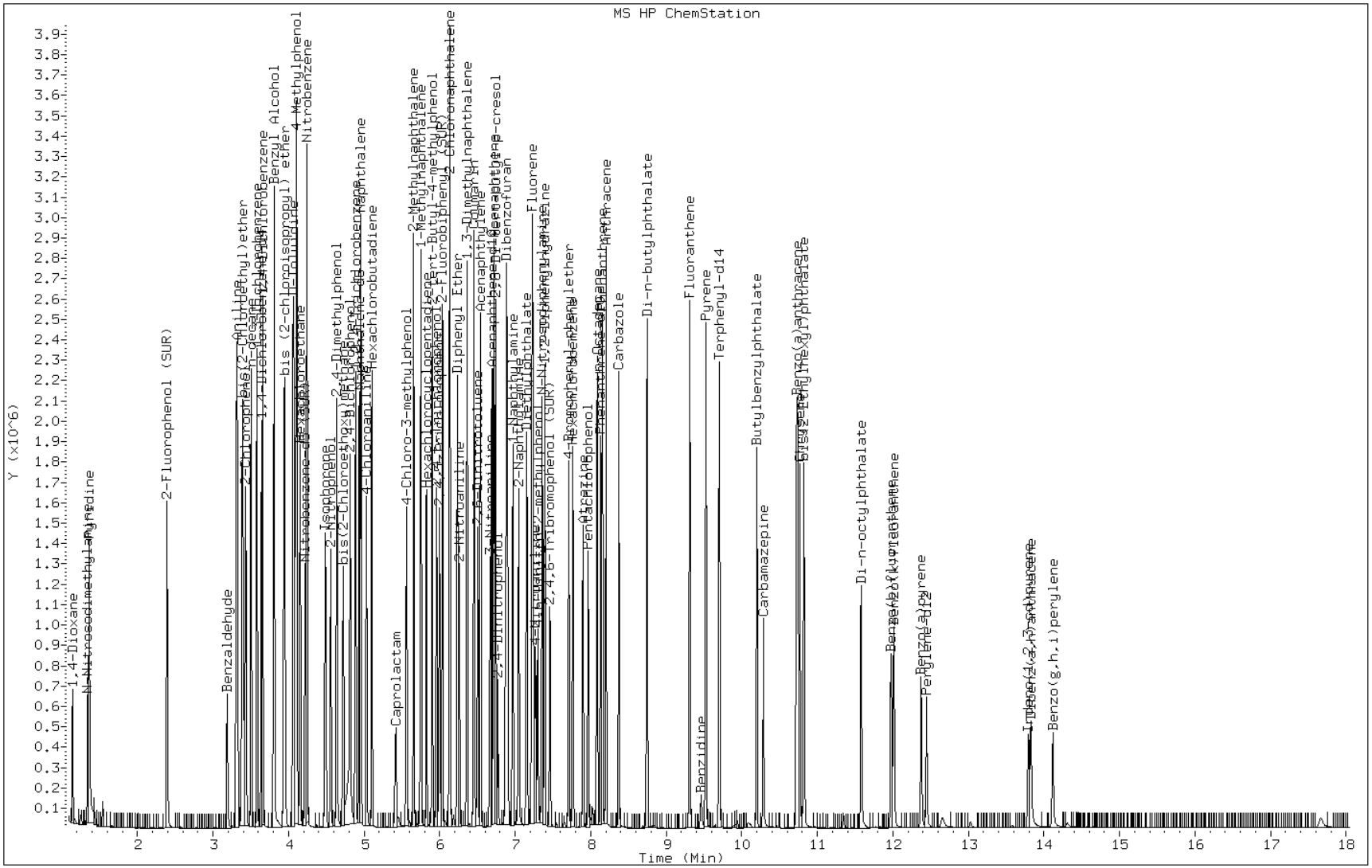
							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	43 Dibenzofuran	168	6.886	6.886	(1.030)	973250	50.0000	48
	44 2,4-Dinitrotoluene	165	6.904	6.904	(1.033)	246977	50.0000	51
	127 1-Naphthylamine	143	6.969	6.969	(1.042)	610107	50.0000	54
	128 2-Naphthylamine	143	7.045	7.045	(1.054)	588001	50.0000	50
	45 Diethylphthalate	149	7.151	7.151	(1.069)	816617	50.0000	50
	47 Fluorene	166	7.222	7.222	(1.080)	777630	50.0000	49
	46 4-Chlorophenyl-phenylether	204	7.234	7.234	(1.082)	381834	50.0000	48
	48 4-Nitroaniline	138	7.269	7.269	(1.087)	193969	50.0000	53
	13 4,6-Dinitro-2-methylphenol	198	7.298	7.298	(0.897)	139816	50.0000	53
	49 N-Nitrosodiphenylamine	169	7.357	7.357	(0.905)	545090	50.0000	49
	75 1,2-Diphenylhydrazine	77	7.392	7.392	(0.909)	837834	50.0000	47
$	18 2,4,6-Tribromophenol (SUR)	330	7.463	7.463	(1.116)	115188	50.0000	51
	50 4-Bromophenyl-phenylether	248	7.710	7.710	(0.948)	227349	50.0000	47
	51 Hexachlorobenzene	284	7.763	7.763	(0.954)	235242	50.0000	49
	112 Atrazine	200	7.898	7.898	(0.971)	191862	50.0000	48
	14 Pentachlorophenol	266	7.963	7.963	(0.979)	147098	50.0000	52
	115 n-Octadecane	57	8.086	8.086	(0.994)	377652	50.0000	46
*	83 Phenanthrene-d10	188	8.133	8.133	(1.000)	783112	40.0000	
	52 Phenanthrene	178	8.157	8.157	(1.003)	1045669	50.0000	48
	53 Anthracene	178	8.204	8.204	(1.009)	1065106	50.0000	49
	54 Carbazole	167	8.375	8.375	(1.030)	945268	50.0000	50
	55 Di-n-butylphthalate	149	8.745	8.745	(1.075)	1234897	50.0000	50
	56 Fluoranthene	202	9.310	9.310	(1.145)	1024326	50.0000	50
	58 Benzidine	184	9.457	9.457	(1.163)	82497	50.0000	30
	57 Pyrene	202	9.527	9.527	(0.887)	1031318	50.0000	49
$	78 Terphenyl-d14	244	9.698	9.698	(0.903)	802940	50.0000	50
	59 Butylbenzylphthalate	149	10.198	10.198	(0.949)	440571	50.0000	51
	109 2,3,7,8-TCDD (Screen)	320	10.269	10.269	(0.956)	1369	0.50000	0.50
	124 Carbamazepine	193	10.286	10.286	(0.957)	273932	50.0000	49
	61 Benzo(a)anthracene	228	10.727	10.727	(0.998)	714200	50.0000	48
	60 3,3'-Dichlorobenzidine	252	10.722	10.722	(0.998)	193563	50.0000	50
*	81 Chrysene-d12	240	10.745	10.745	(1.000)	536108	40.0000	
	62 Chrysene	228	10.769	10.769	(1.002)	682717	50.0000	50
	63 bis(2-Ethylhexyl)phthalate	149	10.822	10.822	(1.007)	576227	50.0000	51
	64 Di-n-octylphthalate	149	11.580	11.580	(0.931)	767952	50.0000	56
	65 Benzo(b)fluoranthene	252	11.980	11.980	(0.963)	459803	50.0000	53
	66 Benzo(k)fluoranthene	252	12.010	12.010	(0.965)	525462	50.0000	52
	67 Benzo(a)pyrene	252	12.374	12.374	(0.994)	384900	50.0000	49
*	84 Perylene-d12	264	12.445	12.445	(1.000)	304398	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.792	13.792	(1.108)	285476	50.0000	49
	69 Dibenz(a,h)anthracene	278	13.827	13.827	(1.111)	308037	50.0000	45
	70 Benzo(g,h,i)perylene	276	14.115	14.115	(1.134)	300496	50.0000	50

Data File: z5460.d

Date: 03-NOV-2009 13:59

Client ID: Instrument: BNAMS11.i

Sample Info: ICIS-210292 Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5461.d
Report Date: 04-Nov-2009 07:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5461.d
Lab Smp Id: IC-210298
Inj Date : 03-NOV-2009 14:27
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-210298
Misc Info : 120 ppm bna 4407
Comment :
Method : /chem/BNAMS11.i/8270/11-03-09/03nov09.b/8270C_08SP.m
Meth Date : 04-Nov-2009 07:48 croccom Quant Type: ISTD
Cal Date : 03-NOV-2009 14:27 Cal File: z5461.d
Als bottle: 3 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.263	1.263	(0.345)	530890	120.000	110(H)
	19 N-Nitrosodimethylamine	74	1.493	1.493	(0.408)	670186	120.000	120(MH)
	71 Pyridine	79	1.510	1.510	(0.413)	1214646	120.000	120(MH)
$	16 2-Fluorophenol (SUR)	112	2.463	2.463	(0.674)	1182242	120.000	110
	110 Benzaldehyde	77	3.216	3.216	(0.879)	100505	120.000	26
	73 Aniline	93	3.334	3.334	(0.912)	1223210	120.000	83
$	17 Phenol-d5 (SUR)	99	3.345	3.345	(0.915)	1202950	120.000	100
	1 Phenol	94	3.363	3.363	(0.920)	1414390	120.000	110
	20 bis(2-Chloroethyl)ether	93	3.422	3.422	(0.936)	1588056	120.000	150(A)
	2 2-Chlorophenol	128	3.469	3.469	(0.949)	1249050	120.000	110
	113 n-decane	43	3.516	3.516	(0.961)	901404	120.000	100
	21 1,3-Dichlorobenzene	146	3.604	3.604	(0.986)	1552641	120.000	110
*	79 1,4-Dichlorobenzene-d4	152	3.657	3.657	(1.000)	337642	40.0000	
	22 1,4-Dichlorobenzene	146	3.675	3.675	(1.005)	1530742	120.000	110
	74 Benzyl Alcohol	108	3.834	3.834	(1.048)	697559	120.000	110

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5461.d
Report Date: 04-Nov-2009 07:48

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	==========	====	==	======	======	========	=======	=======
	23 1,2-Dichlorobenzene	146	3.828	3.828	(1.047)	1358905	120.000	110
	24 bis (2-chloroisopropyl) ether	45	3.951	3.951	(1.080)	921932	120.000	120
	3 2-Methylphenol	108	3.969	3.969	(1.085)	953683	120.000	110
	126 O-Toluidine	107	4.075	4.075	(1.114)	1561507	120.000	110
	104 Acetophenone	105	4.104	4.104	(1.122)	1466437	120.000	110
	25 N-Nitroso-di-n-propylamine	70	4.116	4.116	(1.125)	605267	120.000	99(MH)
	4 4-Methylphenol	108	4.140	4.140	(1.132)	928418	120.000	100
	123 3 & 4 Methylphenol	108	4.140	4.140	(1.132)	928418	120.000	99
	26 Hexachloroethane	117	4.163	4.163	(1.138)	550488	120.000	100
$	76 Nitrobenzene-d5 (SUR)	82	4.245	4.245	(0.858)	1138990	120.000	110
	27 Nitrobenzene	77	4.269	4.269	(0.863)	1309078	120.000	99
	107 N,N-Dimethylaniline	120	4.269	4.269	(1.167)	1652780	120.000	100
	28 Isophorone	82	4.516	4.516	(0.913)	1963086	120.000	120
	5 2-Nitrophenol	139	4.575	4.575	(0.925)	675230	120.000	120(A)
	6 2,4-Dimethylphenol	122	4.663	4.663	(0.943)	928595	120.000	110
	29 bis(2-Chloroethoxy)methane	93	4.739	4.739	(0.958)	1144285	120.000	110
	15 Benzoic Acid	122	4.881	4.881	(0.987)	556417	120.000	120(A)
	7 2,4-Dichlorophenol	162	4.834	4.834	(0.977)	857552	120.000	110
	30 1,2,4-Trichlorobenzene	180	4.898	4.898	(0.990)	1087468	120.000	110
*	80 Naphthalene-d8	136	4.945	4.945	(1.000)	1091926	40.0000	
	31 Naphthalene	128	4.969	4.969	(1.005)	3122437	120.000	110
	32 4-Chloroaniline	127	5.045	5.045	(1.020)	1187839	120.000	110
	33 Hexachlorobutadiene	225	5.110	5.110	(1.033)	661981	120.000	110
	111 Caprolactam	113	5.498	5.498	(1.112)	259810	120.000	110(H)
	8 4-Chloro-3-methylphenol	107	5.581	5.581	(1.128)	855143	120.000	110
	34 2-Methylnaphthalene	142	5.669	5.669	(1.146)	1918689	120.000	110
	120 1-Methylnaphthalene	142	5.763	5.763	(1.165)	1935594	120.000	110
	35 Hexachlorocyclopentadiene	237	5.828	5.828	(0.871)	732198	120.000	140(A)
	121 2-tert-Butyl-4-methylphenol	149	5.916	5.916	(1.196)	1133913	120.000	100
	9 2,4,6-Trichlorophenol	196	5.969	5.969	(0.892)	682119	120.000	130(A)
	10 2,4,5-Trichlorophenol	196	6.016	6.016	(0.899)	608009	120.000	120
$	77 2-Fluorobiphenyl (SUR)	172	6.045	6.045	(0.903)	2184888	120.000	120(A)
	36 2-Chloronaphthalene	162	6.151	6.151	(0.919)	1666469	120.000	110
	102 Diphenyl	154	6.139	6.139	(0.917)	1958131	120.000	100
	103 Diphenyl Ether	170	6.245	6.245	(0.933)	1244314	120.000	120
	37 2-Nitroaniline	65	6.275	6.275	(0.938)	457122	120.000	100
	125 1,3-Dimethylnaphthalene	156	6.375	6.375	(0.953)	1614624	120.000	120(A)
	114 Coumarin	146	6.475	6.475	(1.309)	603563	120.000	110
	38 Dimethylphthalate	163	6.469	6.469	(0.967)	1786993	120.000	110
	40 2,6-Dinitrotoluene	165	6.522	6.522	(0.974)	444483	120.000	120(A)
	39 Acenaphthylene	152	6.557	6.557	(0.980)	2749986	120.000	120
	41 3-Nitroaniline	138	6.686	6.686	(0.999)	460510	120.000	120
*	82 Acenaphthene-d10	164	6.692	6.692	(1.000)	517002	40.0000	
	42 Acenaphthene	154	6.728	6.728	(1.005)	1547709	120.000	110
	122 2,6-Di-tert-butyl-p-cresol	205	6.745	6.745	(1.008)	1607982	120.000	120
	11 2,4-Dinitrophenol	184	6.786	6.786	(1.014)	269430	120.000	120
	12 4-Nitrophenol	65	6.892	6.892	(1.030)	278549	120.000	110

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5461.d
Report Date: 04-Nov-2009 07:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	43 Dibenzofuran	168	6.898	6.898	(1.031)	2269825	120.000	110
	44 2,4-Dinitrotoluene	165	6.922	6.922	(1.034)	525844	120.000	110
	127 1-Naphthylamine	143	6.981	6.981	(1.043)	1350493	120.000	120
	128 2-Naphthylamine	143	7.063	7.063	(1.055)	1361558	120.000	120
	45 Diethylphthalate	149	7.163	7.163	(1.070)	1831951	120.000	110
	47 Fluorene	166	7.233	7.233	(1.081)	1755730	120.000	110
	46 4-Chlorophenyl-phenylether	204	7.245	7.245	(1.083)	884953	120.000	110
	48 4-Nitroaniline	138	7.292	7.292	(1.090)	375546	120.000	100
	13 4,6-Dinitro-2-methylphenol	198	7.316	7.316	(0.899)	303506	120.000	120(AH)
	49 N-Nitrosodiphenylamine	169	7.375	7.375	(0.907)	1181528	120.000	120(H)
	75 1,2-Diphenylhydrazine	77	7.398	7.398	(0.910)	1940708	120.000	120
$	18 2,4,6-Tribromophenol (SUR)	330	7.469	7.469	(1.116)	288008	120.000	130(A)
	50 4-Bromophenyl-phenylether	248	7.716	7.716	(0.949)	558643	120.000	130(A)
	51 Hexachlorobenzene	284	7.775	7.775	(0.956)	560334	120.000	130(A)
	112 Atrazine	200	7.916	7.916	(0.973)	402336	120.000	110
	14 Pentachlorophenol	266	7.969	7.969	(0.980)	342692	120.000	130(A)
	115 n-Octadecane	57	8.092	8.092	(0.995)	842604	120.000	110
*	83 Phenanthrene-d10	188	8.133	8.133	(1.000)	713675	40.0000	
	52 Phenanthrene	178	8.163	8.163	(1.004)	2252405	120.000	110
	53 Anthracene	178	8.216	8.216	(1.010)	2308222	120.000	120
	54 Carbazole	167	8.380	8.380	(1.030)	1861163	120.000	110
	55 Di-n-butylphthalate	149	8.751	8.751	(1.076)	2464746	120.000	110
	56 Fluoranthene	202	9.316	9.316	(1.145)	1951459	120.000	100
	58 Benzidine	184	9.463	9.463	(1.163)	45107	120.000	18
	57 Pyrene	202	9.533	9.533	(0.887)	1864624	120.000	140(A)
$	78 Terphenyl-d14	244	9.704	9.704	(0.903)	1498236	120.000	140(A)
	59 Butylbenzylphthalate	149	10.204	10.204	(0.950)	728580	120.000	130(A)
	124 Carbamazepine	193	10.292	10.292	(0.958)	442445	120.000	120
	61 Benzo(a)anthracene	228	10.733	10.733	(0.999)	1162176	120.000	120
	60 3,3'-Dichlorobenzidine	252	10.727	10.727	(0.998)	276421	120.000	110
*	81 Chrysene-d12	240	10.745	10.745	(1.000)	353789	40.0000	
	62 Chrysene	228	10.774	10.774	(1.003)	1085262	120.000	120
	63 bis(2-Ethylhexyl)phthalate	149	10.821	10.821	(1.007)	963370	120.000	130(A)
	64 Di-n-octylphthalate	149	11.580	11.580	(0.931)	1130016	120.000	120(A)
	65 Benzo(b)fluoranthene	252	11.980	11.980	(0.963)	776654	120.000	130(A)
	66 Benzo(k)fluoranthene	252	12.015	12.015	(0.965)	822806	120.000	120
	67 Benzo(a)pyrene	252	12.380	12.380	(0.995)	660605	120.000	120(A)
*	84 Perylene-d12	264	12.445	12.445	(1.000)	209550	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.804	13.804	(1.109)	592234	120.000	120
	69 Dibenz(a,h)anthracene	278	13.833	13.833	(1.112)	591107	120.000	120(A)
	70 Benzo(g,h,i)perylene	276	14.127	14.127	(1.135)	594490	120.000	140(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5461.d
Report Date: 04-Nov-2009 07:48

QC Flag Legend

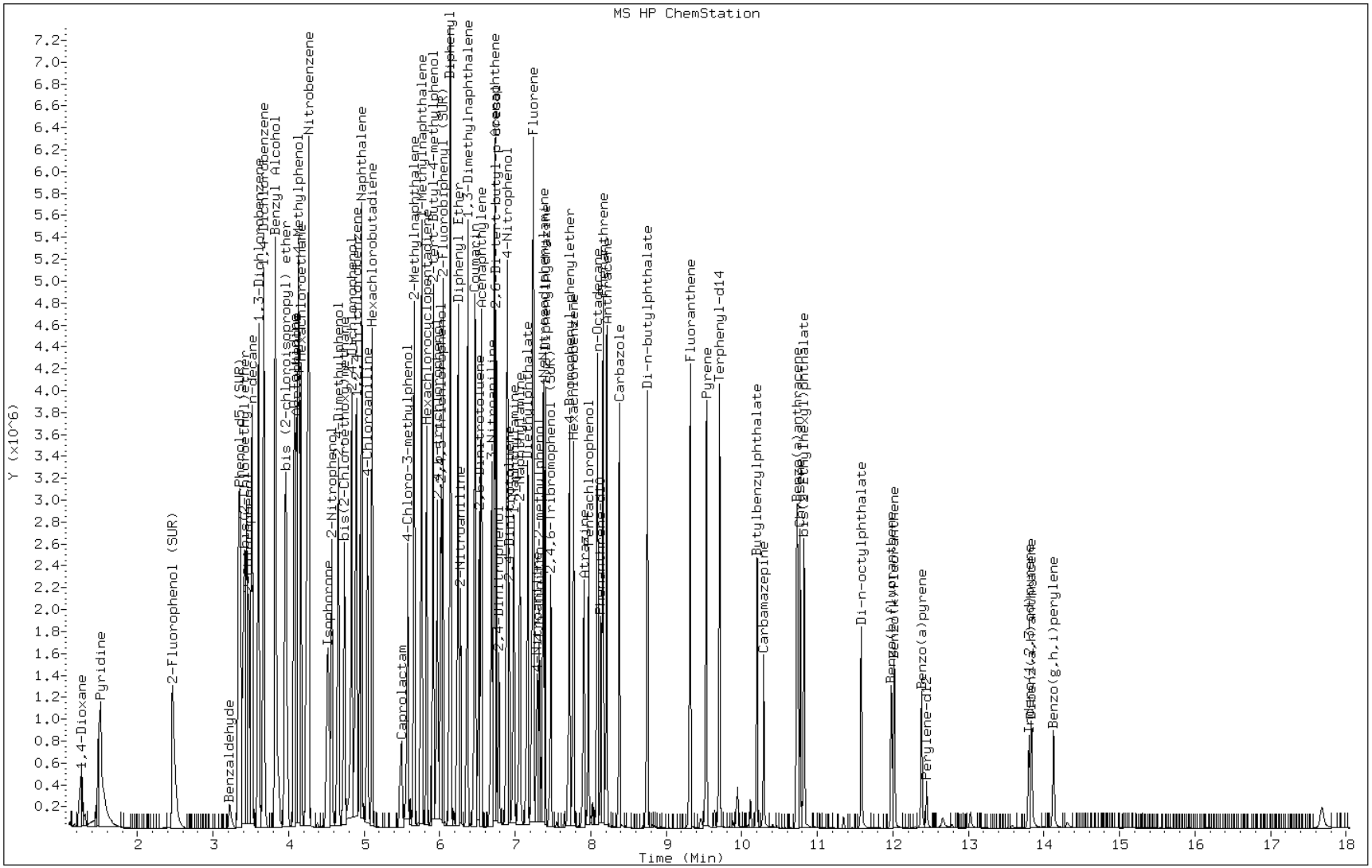
H - Operator selected an alternate compound hit.

Data File: z5461.d

Date: 03-NOV-2009 14:27

Client ID: Instrument: BNAMS11.i

Sample Info: IC-210298 Operator: BNAMS 4



Manual Integration Report

Data File: z5461.d
Inj. Date and Time: 03-NOV-2009 14:27
Instrument ID: BNAMS11.i
Client ID:
Compound: 71 Pyridine
CAS #: 110-86-1
Report Date: 11/04/2009

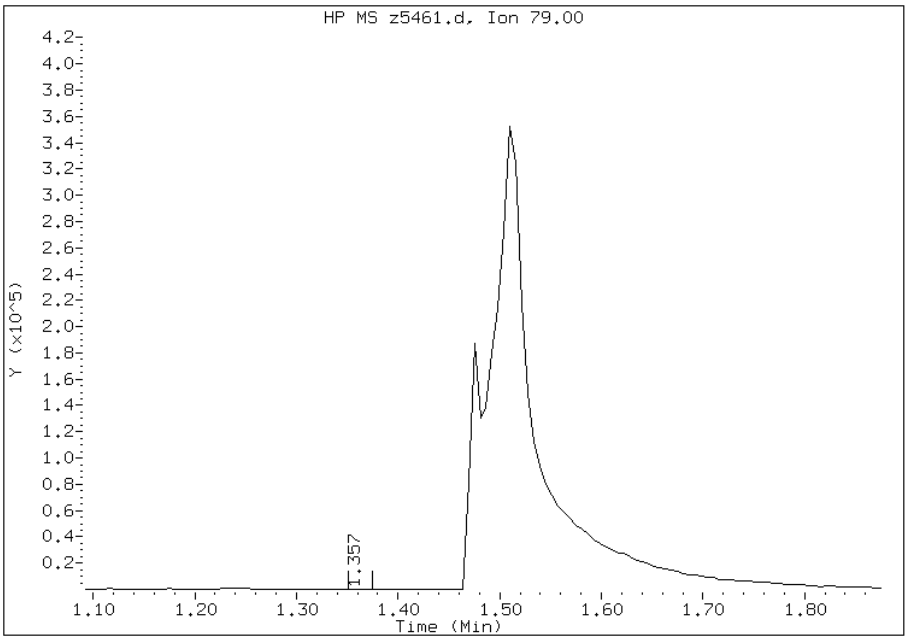
Processing Integration Results

RT: 1.36

Response: 72

Amount: 0

Conc: 0



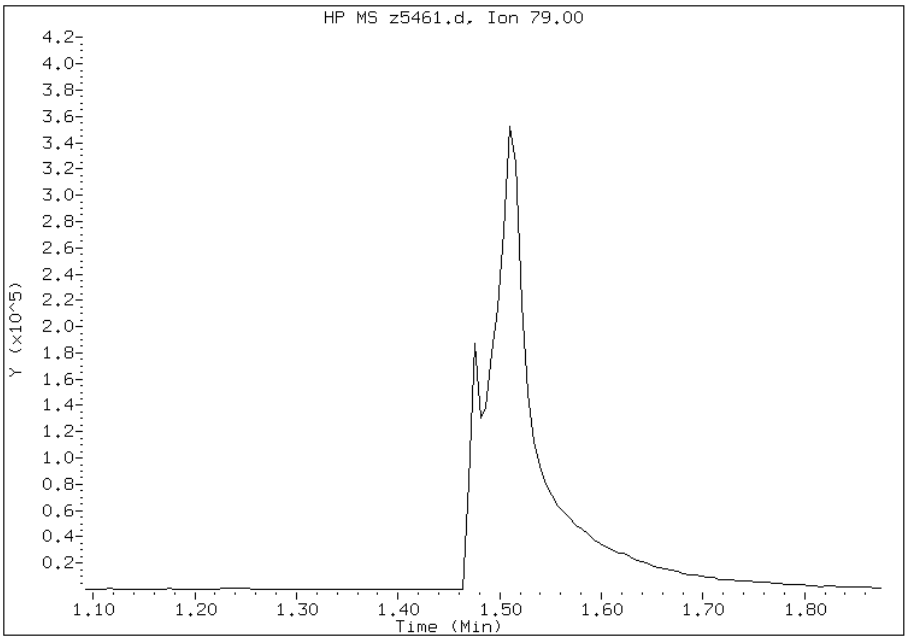
Manual Integration Results

RT: 1.51

Response: 1214646

Amount: 116

Conc: 116



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: z5461.d
Inj. Date and Time: 03-NOV-2009 14:27
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 11/04/2009

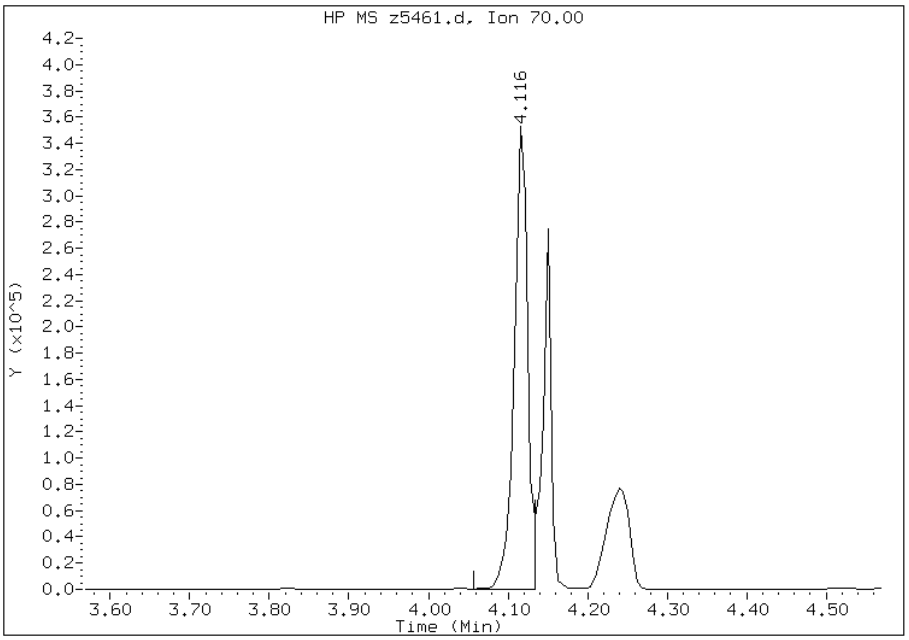
Processing Integration Results

RT: 4.12

Response: 412385

Amount: 71

Conc: 71



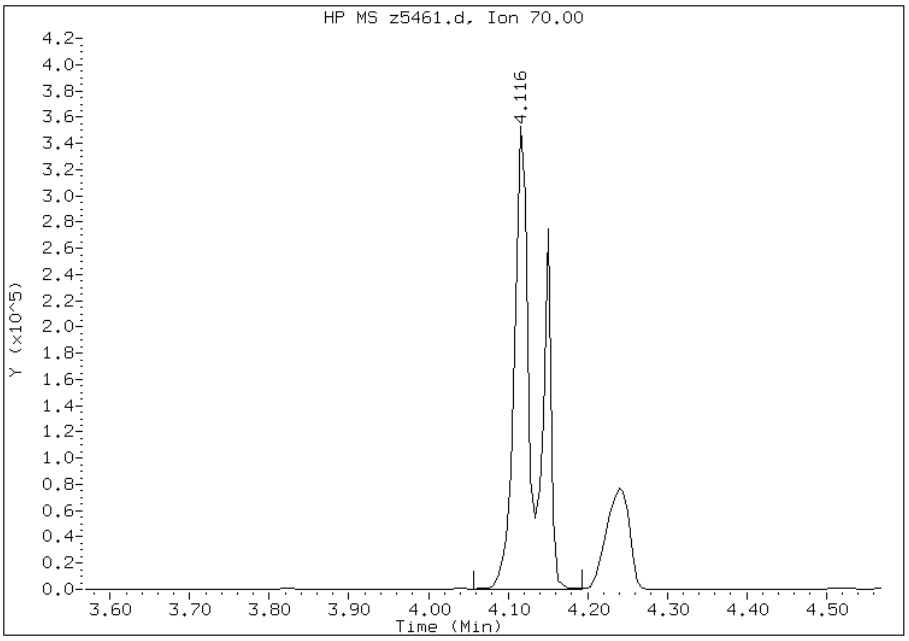
Manual Integration Results

RT: 4.12

Response: 605267

Amount: 99

Conc: 99



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: z5461.d
Inj. Date and Time: 03-NOV-2009 14:27
Instrument ID: BNAMS11.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 11/04/2009

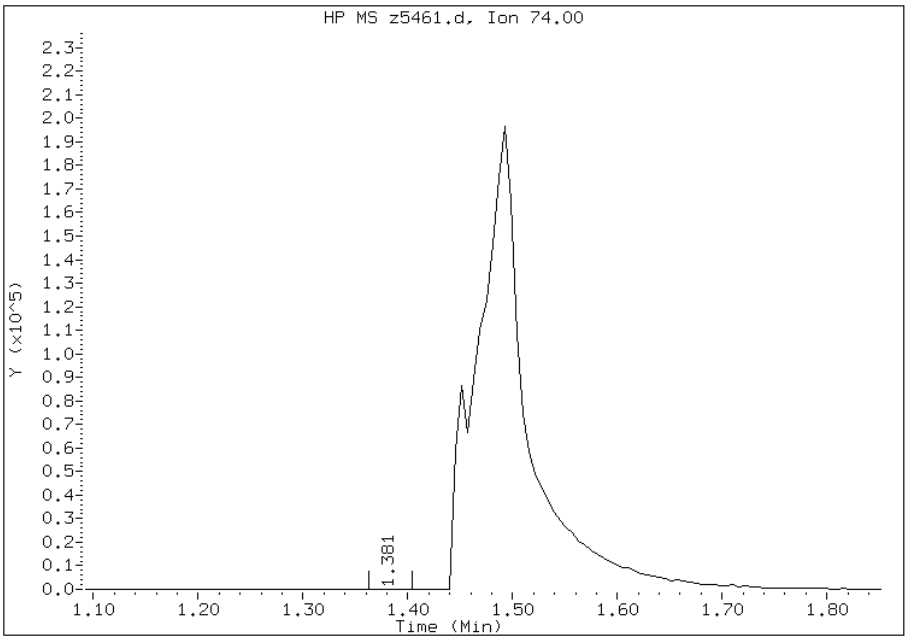
Processing Integration Results

RT: 1.38

Response: 208

Amount: 0

Conc: 0



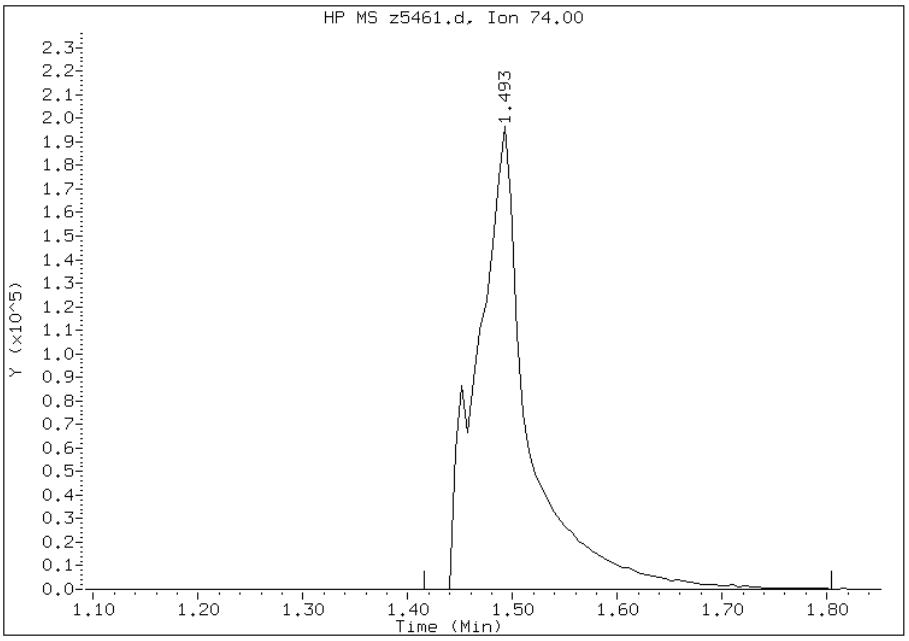
Manual Integration Results

RT: 1.49

Response: 670186

Amount: 117

Conc: 117



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5462.d
Report Date: 04-Nov-2009 07:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5462.d
Lab Smp Id: IC-210293
Inj Date : 03-NOV-2009 14:51
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-210293
Misc Info : 5 ppm bna 4407
Comment :
Method : /chem/BNAMS11.i/8270/11-03-09/03nov09.b/8270C_08SP.m
Meth Date : 04-Nov-2009 07:48 croccom Quant Type: ISTD
Cal Date : 03-NOV-2009 14:51 Cal File: z5462.d
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.163	1.163	(0.320)	26892	5.00000	5.3
	19 N-Nitrosodimethylamine	74	1.357	1.357	(0.373)	30705	5.00000	5.0
	71 Pyridine	79	1.381	1.381	(0.379)	55699	5.00000	5.0
$	16 2-Fluorophenol (SUR)	112	2.398	2.398	(0.659)	58639	5.00000	5.3
	110 Benzaldehyde	77	3.187	3.187	(0.876)	27249	5.00000	6.6
	73 Aniline	93	3.304	3.304	(0.908)	79576	5.00000	5.1
$	17 Phenol-d5 (SUR)	99	3.298	3.298	(0.906)	68466	5.00000	5.7
	1 Phenol	94	3.310	3.310	(0.909)	79375	5.00000	5.7(H)
	20 bis(2-Chloroethyl)ether	93	3.381	3.381	(0.929)	4796	0.50000	0.43(aMH)
	2 2-Chlorophenol	128	3.428	3.428	(0.942)	68562	5.00000	5.6
	113 n-decane	43	3.498	3.498	(0.961)	51733	5.00000	5.6
	21 1,3-Dichlorobenzene	146	3.581	3.581	(0.984)	76594	5.00000	5.2
*	79 1,4-Dichlorobenzene-d4	152	3.640	3.640	(1.000)	356449	40.0000	
	22 1,4-Dichlorobenzene	146	3.651	3.651	(1.003)	78913	5.00000	5.4
	74 Benzyl Alcohol	108	3.792	3.792	(1.042)	32724	5.00000	5.0

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5462.d
Report Date: 04-Nov-2009 07:48

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	==========	====	==	======	======	========	=======	=======
23	1,2-Dichlorobenzene	146	3.810	3.810	(1.047)	72284	5.00000	5.5
24	bis (2-chloroisopropyl) ether	45	3.939	3.939	(1.082)	58061	5.00000	6.9
3	2-Methylphenol	108	3.928	3.928	(1.079)	52470	5.00000	5.6
126	O-Toluidine	107	4.051	4.051	(1.113)	79850	5.00000	5.3
104	Acetophenone	105	4.057	4.057	(1.115)	78232	5.00000	5.4(H)
25	N-Nitroso-di-n-propylamine	70	4.069	4.069	(1.118)	3451	0.50000	0.54
4	4-Methylphenol	108	4.092	4.092	(1.124)	55634	5.00000	5.7
123	3 & 4 Methylphenol	108	4.092	4.092	(1.124)	57501	5.00000	5.8(H)
26	Hexachloroethane	117	4.151	4.151	(1.141)	2829	0.50000	0.51
$ 76	Nitrobenzene-d5 (SUR)	82	4.204	4.204	(0.852)	53813	5.00000	4.8(a)
27	Nitrobenzene	77	4.228	4.228	(0.857)	7992	0.50000	0.54
107	N,N-Dimethylaniline	120	4.234	4.234	(1.163)	10481	0.50000	0.62
28	Isophorone	82	4.475	4.475	(0.907)	96024	5.00000	5.1
5	2-Nitrophenol	139	4.551	4.551	(0.922)	31496	5.00000	5.1
6	2,4-Dimethylphenol	122	4.634	4.634	(0.939)	50091	5.00000	5.5
29	bis(2-Chloroethoxy)methane	93	4.716	4.716	(0.956)	58549	5.00000	5.2
15	Benzoic Acid	122	4.728	4.728	(0.958)	11490	5.00000	3.5(aMH)
7	2,4-Dichlorophenol	162	4.810	4.810	(0.975)	47391	5.00000	5.5
30	1,2,4-Trichlorobenzene	180	4.881	4.881	(0.989)	5810	0.50000	0.55
* 80	Naphthalene-d8	136	4.934	4.934	(1.000)	1214073	40.0000	
31	Naphthalene	128	4.951	4.951	(1.004)	168553	5.00000	5.3
32	4-Chloroaniline	127	5.028	5.028	(1.019)	60117	5.00000	5.1
33	Hexachlorobutadiene	225	5.098	5.098	(1.033)	7019	1.00000	1.1
111	Caprolactam	113	5.351	5.351	(1.085)	11482	5.00000	4.5(a)
8	4-Chloro-3-methylphenol	107	5.545	5.545	(1.124)	43588	5.00000	5.1
34	2-Methylnaphthalene	142	5.651	5.651	(1.145)	101816	5.00000	5.3
120	1-Methylnaphthalene	142	5.745	5.745	(1.165)	98982	5.00000	5.2(a)
35	Hexachlorocyclopentadiene	237	5.822	5.822	(0.871)	24762	5.00000	4.3(a)
121	2-tert-Butyl-4-methylphenol	149	5.892	5.892	(1.194)	66432	5.00000	5.2
9	2,4,6-Trichlorophenol	196	5.951	5.951	(0.891)	29033	5.00000	5.0
10	2,4,5-Trichlorophenol	196	5.986	5.986	(0.896)	31422	5.00000	5.3
$ 77	2-Fluorobiphenyl (SUR)	172	6.028	6.028	(0.902)	103324	5.00000	5.1
36	2-Chloronaphthalene	162	6.133	6.133	(0.918)	92314	5.00000	5.4
102	Diphenyl	154	6.122	6.122	(0.916)	117685	5.00000	5.5
103	Diphenyl Ether	170	6.233	6.233	(0.933)	64337	5.00000	5.3
37	2-Nitroaniline	65	6.245	6.245	(0.935)	54083	10.0000	11
125	1,3-Dimethylnaphthalene	156	6.357	6.357	(0.952)	78992	5.00000	5.4
114	Coumarin	146	6.439	6.439	(1.305)	30029	5.00000	4.9(a)
38	Dimethylphthalate	163	6.445	6.445	(0.965)	95398	5.00000	5.3
40	2,6-Dinitrotoluene	165	6.492	6.492	(0.972)	3733	1.00000	0.89(aH)
39	Acenaphthylene	152	6.533	6.533	(0.978)	142480	5.00000	5.2
41	3-Nitroaniline	138	6.657	6.657	(0.996)	44641	10.0000	9.8(a)
* 82	Acenaphthene-d10	164	6.680	6.680	(1.000)	589182	40.0000	
42	Acenaphthene	154	6.710	6.710	(1.004)	82263	5.00000	5.3
122	2,6-Di-tert-butyl-p-cresol	205	6.733	6.733	(1.008)	79868	5.00000	5.2
11	2,4-Dinitrophenol	184	6.757	6.757	(1.011)	23664	15.0000	11(a)
12	4-Nitrophenol	65	6.857	6.857	(1.026)	43459	15.0000	15

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5462.d
Report Date: 04-Nov-2009 07:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	43 Dibenzofuran	168	6.880	6.880	(1.030)	122702	5.00000	5.4
	44 2,4-Dinitrotoluene	165	6.886	6.886	(1.031)	5728	1.00000	1.0
	127 1-Naphthylamine	143	6.957	6.957	(1.041)	54669	5.00000	4.2(a)
	128 2-Naphthylamine	143	7.039	7.039	(1.054)	62046	5.00000	4.6(a)
	45 Diethylphthalate	149	7.139	7.139	(1.069)	92657	5.00000	5.0
	47 Fluorene	166	7.216	7.216	(1.080)	95729	5.00000	5.3
	46 4-Chlorophenyl-phenylether	204	7.228	7.228	(1.082)	47515	5.00000	5.3
	48 4-Nitroaniline	138	7.251	7.251	(1.085)	41207	10.0000	10
	13 4,6-Dinitro-2-methylphenol	198	7.286	7.286	(0.896)	38764	15.0000	14(a)
	49 N-Nitrosodiphenylamine	169	7.345	7.345	(0.904)	62197	5.00000	5.2
	75 1,2-Diphenylhydrazine	77	7.380	7.380	(0.908)	103110	5.00000	5.4
$	18 2,4,6-Tribromophenol (SUR)	330	7.451	7.451	(1.115)	11994	5.00000	4.7(a)
	50 4-Bromophenyl-phenylether	248	7.704	7.704	(0.948)	26201	5.00000	5.1
	51 Hexachlorobenzene	284	7.757	7.757	(0.954)	2553	0.50000	0.49(a)
	112 Atrazine	200	7.886	7.886	(0.970)	22390	5.00000	5.2
	14 Pentachlorophenol	266	7.957	7.957	(0.979)	42056	15.0000	14(a)
	115 n-Octadecane	57	8.080	8.080	(0.994)	49881	5.00000	5.6
*	83 Phenanthrene-d10	188	8.127	8.127	(1.000)	839902	40.0000	
	52 Phenanthrene	178	8.145	8.145	(1.002)	121714	5.00000	5.2
	53 Anthracene	178	8.198	8.198	(1.009)	123202	5.00000	5.2
	54 Carbazole	167	8.363	8.363	(1.029)	108465	5.00000	5.4
	55 Di-n-butylphthalate	149	8.739	8.739	(1.075)	136786	5.00000	5.2
	56 Fluoranthene	202	9.304	9.304	(1.145)	119280	5.00000	5.4
	58 Benzidine	184	9.457	9.457	(1.164)	7336	5.00000	2.5(a)
	57 Pyrene	202	9.521	9.521	(0.887)	120964	5.00000	4.6(a)
$	78 Terphenyl-d14	244	9.698	9.698	(0.903)	86289	5.00000	4.3(a)
	59 Butylbenzylphthalate	149	10.192	10.192	(0.949)	49943	5.00000	4.6(a)
	124 Carbamazepine	193	10.274	10.274	(0.957)	22029	5.00000	3.1(a)
	61 Benzo(a)anthracene	228	10.727	10.727	(0.999)	11011	0.50000	0.59
	60 3,3'-Dichlorobenzidine	252	10.716	10.716	(0.998)	45897	10.0000	9.5(a)
*	81 Chrysene-d12	240	10.739	10.739	(1.000)	667851	40.0000	
	62 Chrysene	228	10.763	10.763	(1.002)	85521	5.00000	5.0
	63 bis(2-Ethylhexyl)phthalate	149	10.816	10.816	(1.007)	63833	5.00000	4.5(a)
	64 Di-n-octylphthalate	149	11.574	11.574	(0.930)	71985	5.00000	4.0(a)
	65 Benzo(b)fluoranthene	252	11.968	11.968	(0.962)	4476	0.50000	0.40(a)
	66 Benzo(k)fluoranthene	252	12.004	12.004	(0.965)	6068	0.50000	0.46(a)
	67 Benzo(a)pyrene	252	12.368	12.368	(0.994)	3191	0.50000	0.31(a)
*	84 Perylene-d12	264	12.445	12.445	(1.000)	398520	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.786	13.786	(1.108)	2149	0.50000	0.31(aM)
	69 Dibenz(a,h)anthracene	278	13.827	13.827	(1.111)	2158	0.50000	0.24(aM)
	70 Benzo(g,h,i)perylene	276	14.109	14.109	(1.134)	33496	5.00000	4.3(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5462.d
Report Date: 04-Nov-2009 07:48

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: z5462.d

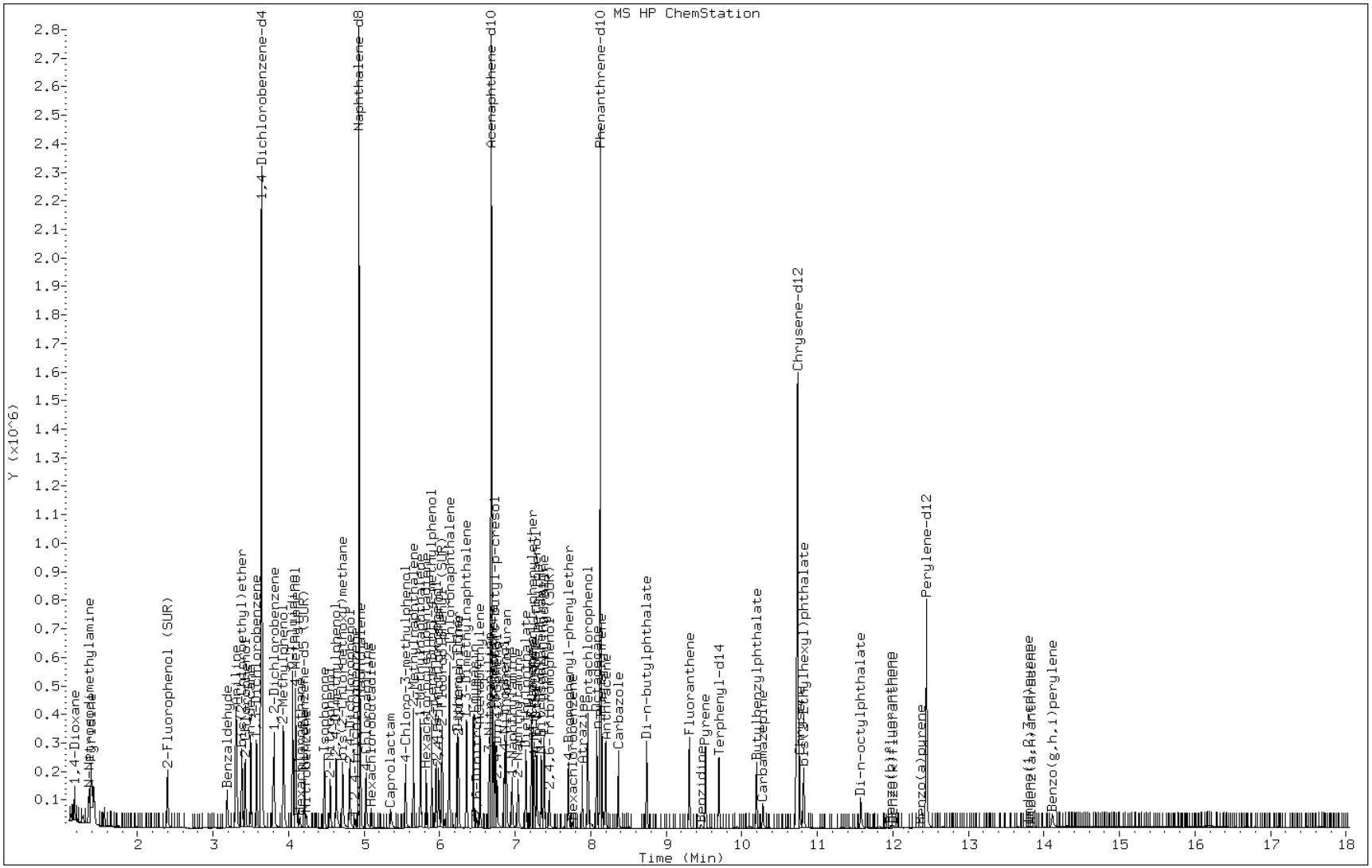
Date: 03-NOV-2009 14:51

Client ID:

Instrument: BNAMS11.i

Sample Info: IC-210293

Operator: BNAMS 4



Manual Integration Report

Data File: z5462.d
Inj. Date and Time: 03-NOV-2009 14:51
Instrument ID: BNAMS11.i
Client ID:
Compound: 69 Dibenz(a,h)anthracene
CAS #: 53-70-3
Report Date: 11/04/2009

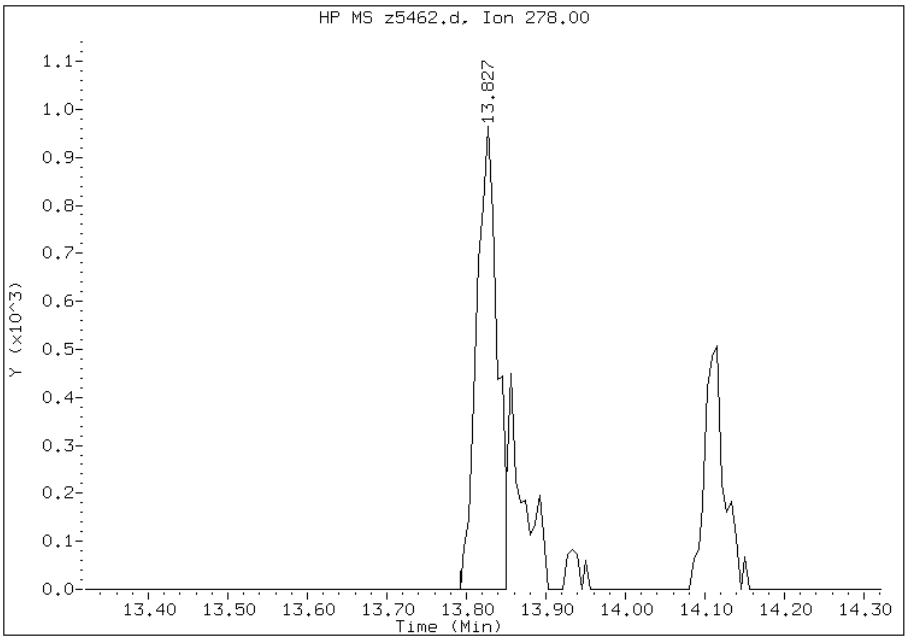
Processing Integration Results

RT: 13.83

Response: 1750

Amount: 0

Conc: 0



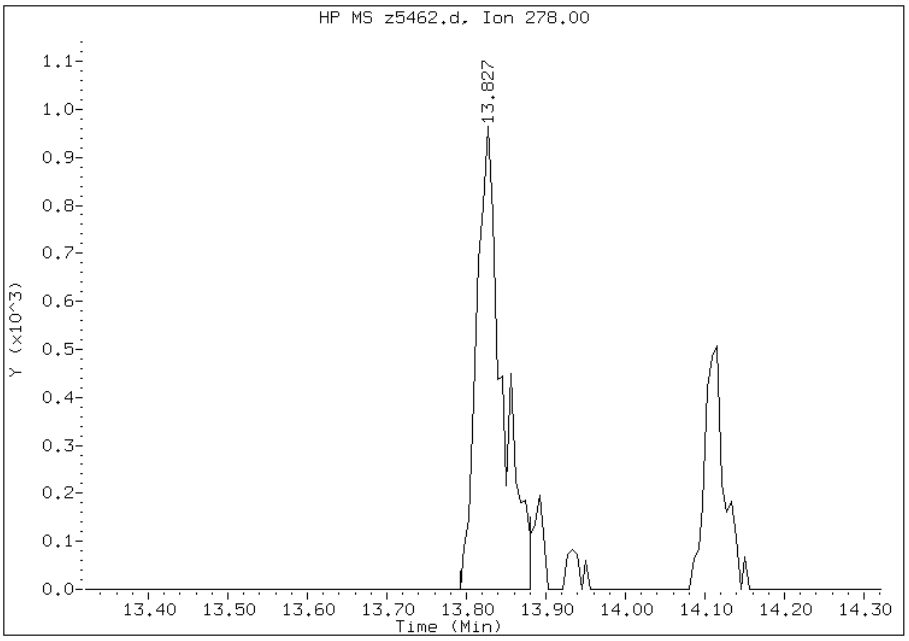
Manual Integration Results

RT: 13.83

Response: 2158

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: z5462.d
Inj. Date and Time: 03-NOV-2009 14:51
Instrument ID: BNAMS11.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 11/04/2009

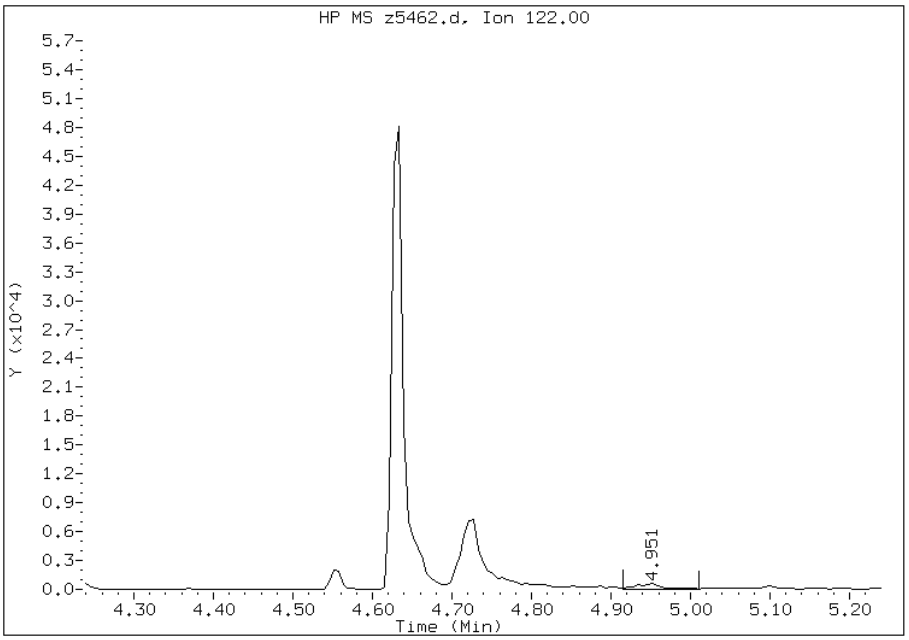
Processing Integration Results

RT: 4.95

Response: 1504

Amount: 1

Conc: 1



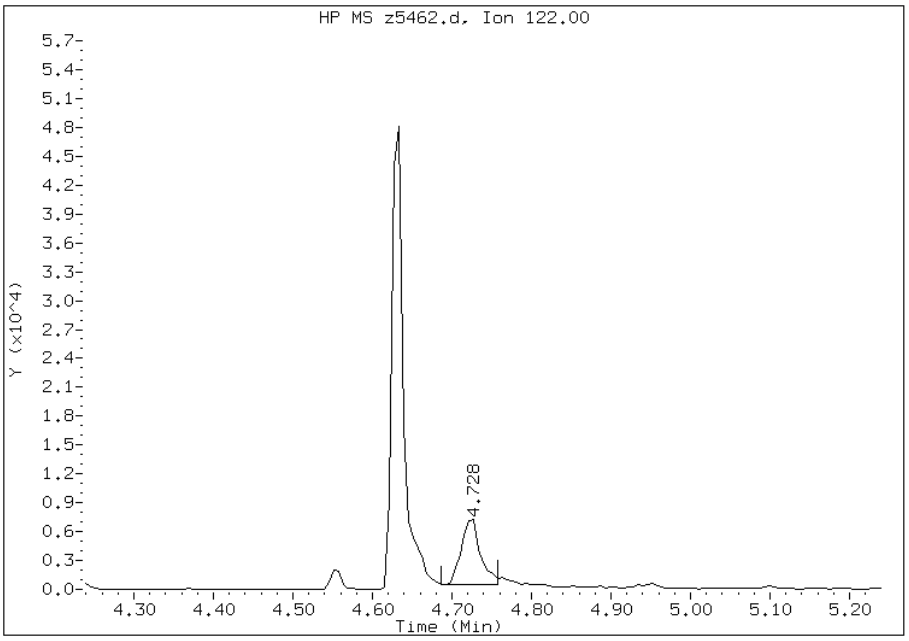
Manual Integration Results

RT: 4.73

Response: 11490

Amount: 4

Conc: 4



Manually Integrated By: wahied
Manual Integration Reason: Peak Tailing or Fronting

Manual Integration Report

Data File: z5462.d
Inj. Date and Time: 03-NOV-2009 14:51
Instrument ID: BNAMS11.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 11/04/2009

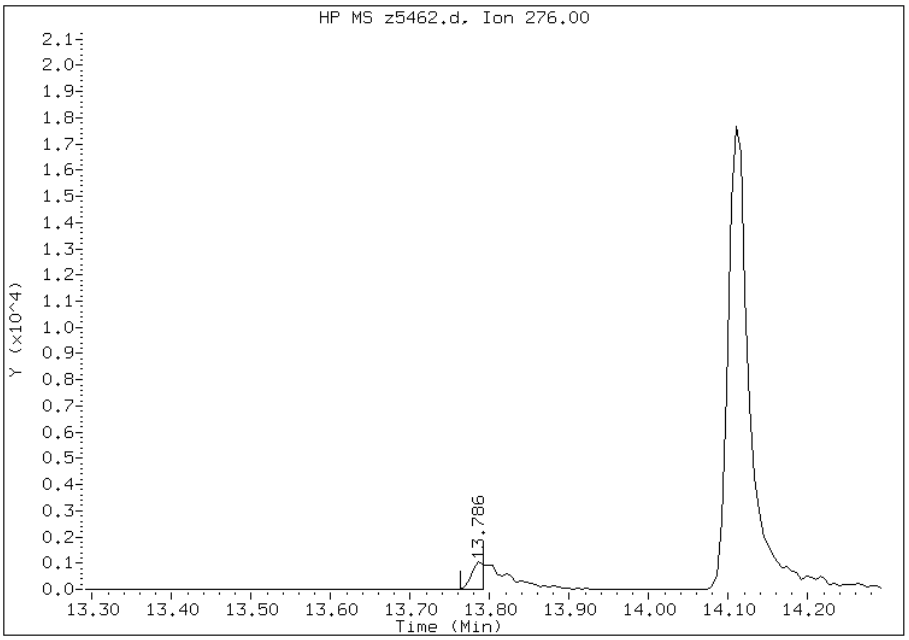
Processing Integration Results

RT: 13.79

Response: 1128

Amount: 0

Conc: 0



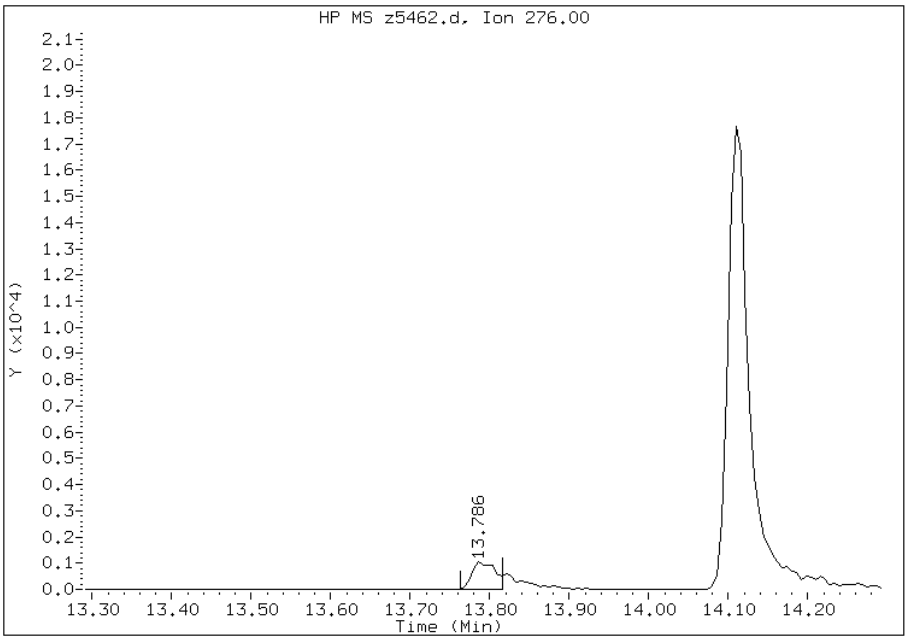
Manual Integration Results

RT: 13.79

Response: 2149

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: z5462.d
Inj. Date and Time: 03-NOV-2009 14:51
Instrument ID: BNAMS11.i
Client ID:
Compound: 20 bis(2-Chloroethyl)ether
CAS #: 111-44-4
Report Date: 11/04/2009

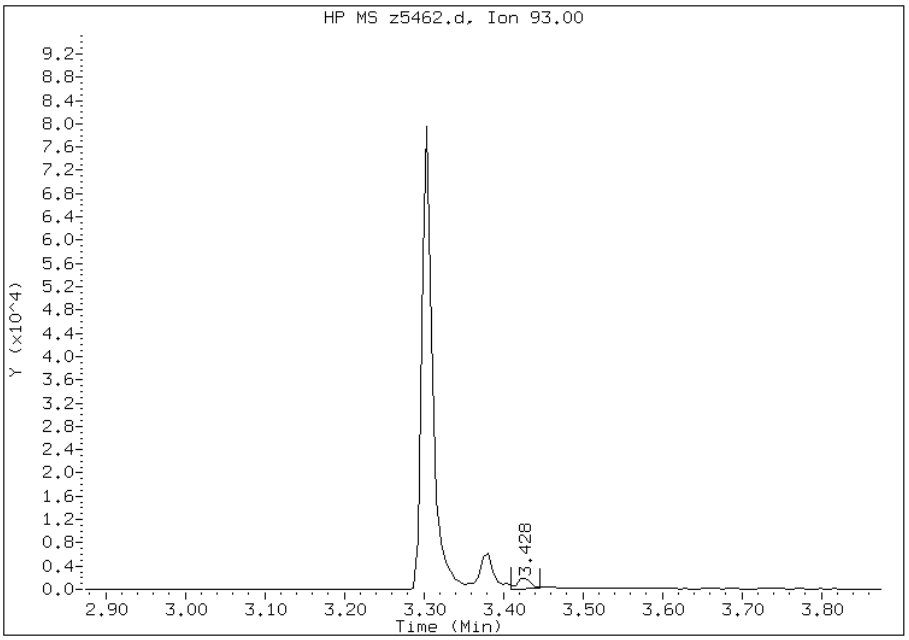
Processing Integration Results

RT: 3.43

Response: 2248

Amount: 0

Conc: 0



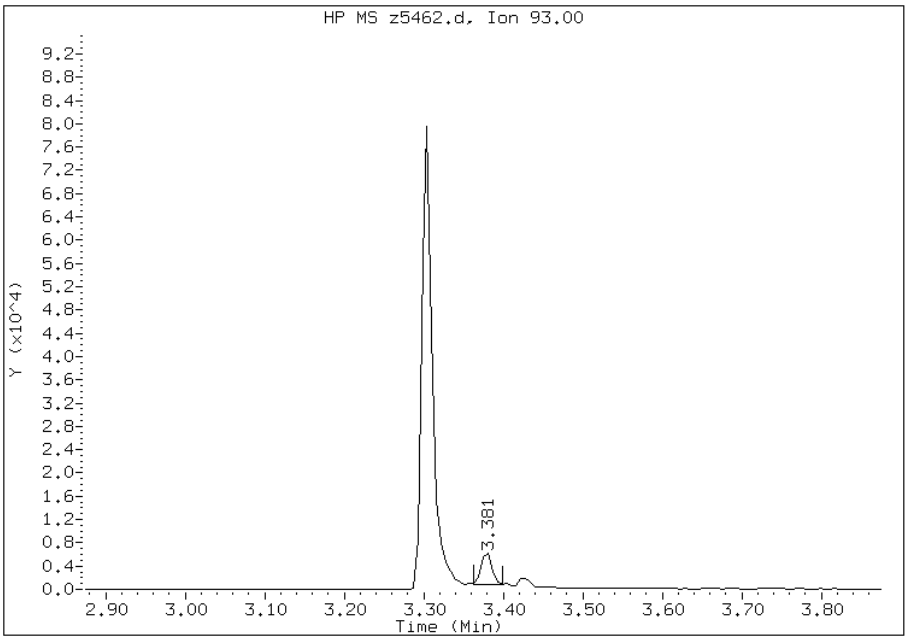
Manual Integration Results

RT: 3.38

Response: 4796

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5463.d
Report Date: 04-Nov-2009 07:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5463.d
Lab Smp Id: IC-210297
Inj Date : 03-NOV-2009 15:16
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-210297
Misc Info : 80 ppm bna 4407
Comment :
Method : /chem/BNAMS11.i/8270/11-03-09/03nov09.b/8270C_08SP.m
Meth Date : 04-Nov-2009 07:48 croccom Quant Type: ISTD
Cal Date : 03-NOV-2009 15:16 Cal File: z5463.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.175	1.175	(0.322)	297383	80.0000	80
	19 N-Nitrosodimethylamine	74	1.387	1.387	(0.380)	344112	80.0000	78
	71 Pyridine	79	1.405	1.405	(0.385)	612543	80.0000	76(H)
$	16 2-Fluorophenol (SUR)	112	2.416	2.416	(0.663)	570751	80.0000	71
	110 Benzaldehyde	77	3.199	3.199	(0.877)	101078	80.0000	34
	73 Aniline	93	3.322	3.322	(0.911)	813255	80.0000	72
$	17 Phenol-d5 (SUR)	99	3.328	3.328	(0.913)	590733	80.0000	68
	1 Phenol	94	3.340	3.340	(0.916)	694019	80.0000	69(H)
	20 bis(2-Chloroethyl)ether	93	3.398	3.398	(0.932)	586128	80.0000	72(H)
	2 2-Chlorophenol	128	3.446	3.446	(0.945)	622450	80.0000	70
	113 n-decane	43	3.510	3.510	(0.963)	487191	80.0000	73
	21 1,3-Dichlorobenzene	146	3.593	3.593	(0.985)	804485	80.0000	76
*	79 1,4-Dichlorobenzene-d4	152	3.646	3.646	(1.000)	258440	40.0000	
	22 1,4-Dichlorobenzene	146	3.663	3.663	(1.005)	791246	80.0000	75
	74 Benzyl Alcohol	108	3.816	3.816	(1.047)	344973	80.0000	73

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5463.d
Report Date: 04-Nov-2009 07:48

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	==========	====	==	======	======	========	=======	=======
	23 1,2-Dichlorobenzene	146	3.816	3.816	(1.047)	706827	80.0000	74
	24 bis (2-chloroisopropyl) ether	45	3.946	3.946	(1.082)	491439	80.0000	80
	3 2-Methylphenol	108	3.951	3.951	(1.084)	467765	80.0000	69
	126 O-Toluidine	107	4.063	4.063	(1.115)	781069	80.0000	72
	104 Acetophenone	105	4.081	4.081	(1.119)	746618	80.0000	72(H)
	25 N-Nitroso-di-n-propylamine	70	4.098	4.098	(1.124)	329579	80.0000	70(MH)
	4 4-Methylphenol	108	4.116	4.116	(1.129)	485248	80.0000	68
	123 3 & 4 Methylphenol	108	4.116	4.116	(1.129)	485248	80.0000	68(H)
	26 Hexachloroethane	117	4.157	4.157	(1.140)	307148	80.0000	76
$	76 Nitrobenzene-d5 (SUR)	82	4.228	4.228	(0.856)	617440	80.0000	78
	27 Nitrobenzene	77	4.251	4.251	(0.861)	749219	80.0000	72
	107 N,N-Dimethylaniline	120	4.251	4.251	(1.166)	884603	80.0000	72
	28 Isophorone	82	4.493	4.493	(0.909)	1011381	80.0000	76
	5 2-Nitrophenol	139	4.563	4.563	(0.924)	332992	80.0000	76
	6 2,4-Dimethylphenol	122	4.645	4.645	(0.940)	464350	80.0000	72
	29 bis(2-Chloroethoxy)methane	93	4.728	4.728	(0.957)	605958	80.0000	76
	15 Benzoic Acid	122	4.828	4.828	(0.977)	205827	80.0000	74(MH)
	7 2,4-Dichlorophenol	162	4.822	4.822	(0.976)	440434	80.0000	72
	30 1,2,4-Trichlorobenzene	180	4.893	4.893	(0.990)	563325	80.0000	75
*	80 Naphthalene-d8	136	4.940	4.940	(1.000)	862639	40.0000	
	31 Naphthalene	128	4.963	4.963	(1.005)	1688409	80.0000	75
	32 4-Chloroaniline	127	5.034	5.034	(1.019)	642076	80.0000	77
	33 Hexachlorobutadiene	225	5.104	5.104	(1.033)	346663	80.0000	76
	111 Caprolactam	113	5.445	5.445	(1.102)	141786	80.0000	78(H)
	8 4-Chloro-3-methylphenol	107	5.563	5.563	(1.126)	460897	80.0000	76
	34 2-Methylnaphthalene	142	5.657	5.657	(1.145)	1027004	80.0000	76
	120 1-Methylnaphthalene	142	5.757	5.757	(1.166)	1004634	80.0000	74
	35 Hexachlorocyclopentadiene	237	5.828	5.828	(0.872)	354765	80.0000	84
	121 2-tert-Butyl-4-methylphenol	149	5.904	5.904	(1.195)	700430	80.0000	78
	9 2,4,6-Trichlorophenol	196	5.957	5.957	(0.891)	314356	80.0000	74
	10 2,4,5-Trichlorophenol	196	6.004	6.004	(0.898)	330774	80.0000	76
$	77 2-Fluorobiphenyl (SUR)	172	6.040	6.040	(0.903)	1128529	80.0000	75
	36 2-Chloronaphthalene	162	6.139	6.139	(0.918)	929916	80.0000	74
	102 Diphenyl	154	6.134	6.134	(0.917)	1127078	80.0000	72
	103 Diphenyl Ether	170	6.239	6.239	(0.933)	668221	80.0000	75
	37 2-Nitroaniline	65	6.263	6.263	(0.937)	273158	80.0000	74(H)
	125 1,3-Dimethylnaphthalene	156	6.363	6.363	(0.952)	781064	80.0000	72
	114 Coumarin	146	6.457	6.457	(1.307)	337250	80.0000	78
	38 Dimethylphthalate	163	6.457	6.457	(0.966)	1013094	80.0000	76
	40 2,6-Dinitrotoluene	165	6.510	6.510	(0.974)	250991	80.0000	81
	39 Acenaphthylene	152	6.545	6.545	(0.979)	1509860	80.0000	76
	41 3-Nitroaniline	138	6.669	6.669	(0.997)	272314	80.0000	81
*	82 Acenaphthene-d10	164	6.687	6.687	(1.000)	434780	40.0000	
	42 Acenaphthene	154	6.722	6.722	(1.005)	872934	80.0000	76
	122 2,6-Di-tert-butyl-p-cresol	205	6.739	6.739	(1.008)	874143	80.0000	77
	11 2,4-Dinitrophenol	184	6.775	6.775	(1.013)	148253	80.0000	82
	12 4-Nitrophenol	65	6.875	6.875	(1.028)	187925	80.0000	86

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5463.d
Report Date: 04-Nov-2009 07:48

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	43 Dibenzofuran	168	6.892	6.892	(1.031)	1269607	80.0000	75
	44 2,4-Dinitrotoluene	165	6.910	6.910	(1.033)	330873	80.0000	81
	127 1-Naphthylamine	143	6.975	6.975	(1.043)	765833	80.0000	80
	128 2-Naphthylamine	143	7.051	7.051	(1.055)	758463	80.0000	77
	45 Diethylphthalate	149	7.157	7.157	(1.070)	1064749	80.0000	78
	47 Fluorene	166	7.228	7.228	(1.081)	1025499	80.0000	76
	46 4-Chlorophenyl-phenylether	204	7.239	7.239	(1.083)	509613	80.0000	77
	48 4-Nitroaniline	138	7.281	7.281	(1.089)	239556	80.0000	78
	13 4,6-Dinitro-2-methylphenol	198	7.304	7.304	(0.898)	182724	80.0000	82
	49 N-Nitrosodiphenylamine	169	7.363	7.363	(0.905)	727630	80.0000	78
	75 1,2-Diphenylhydrazine	77	7.392	7.392	(0.909)	1088091	80.0000	72
$	18 2,4,6-Tribromophenol (SUR)	330	7.463	7.463	(1.116)	157512	80.0000	83
	50 4-Bromophenyl-phenylether	248	7.710	7.710	(0.948)	314193	80.0000	78
	51 Hexachlorobenzene	284	7.769	7.769	(0.955)	317779	80.0000	78
	112 Atrazine	200	7.904	7.904	(0.972)	252640	80.0000	75
	14 Pentachlorophenol	266	7.963	7.963	(0.979)	196737	80.0000	82
	115 n-Octadecane	57	8.086	8.086	(0.994)	477717	80.0000	69
*	83 Phenanthrene-d10	188	8.133	8.133	(1.000)	658297	40.0000	
	52 Phenanthrene	178	8.157	8.157	(1.003)	1381905	80.0000	76
	53 Anthracene	178	8.204	8.204	(1.009)	1398521	80.0000	76
	54 Carbazole	167	8.375	8.375	(1.030)	1192063	80.0000	75
	55 Di-n-butylphthalate	149	8.745	8.745	(1.075)	1582922	80.0000	76
	56 Fluoranthene	202	9.310	9.310	(1.145)	1297569	80.0000	75
	58 Benzidine	184	9.457	9.457	(1.163)	43313	80.0000	19
	57 Pyrene	202	9.527	9.527	(0.887)	1269171	80.0000	79
$	78 Terphenyl-d14	244	9.704	9.704	(0.904)	1016427	80.0000	83
	59 Butylbenzylphthalate	149	10.198	10.198	(0.950)	539356	80.0000	81
	124 Carbamazepine	193	10.286	10.286	(0.958)	353194	80.0000	82
	61 Benzo(a)anthracene	228	10.727	10.727	(0.999)	874161	80.0000	77
	60 3,3'-Dichlorobenzidine	252	10.722	10.722	(0.998)	224777	80.0000	76
*	81 Chrysene-d12	240	10.739	10.739	(1.000)	410043	40.0000	
	62 Chrysene	228	10.769	10.769	(1.003)	827938	80.0000	79
	63 bis(2-Ethylhexyl)phthalate	149	10.822	10.822	(1.008)	711677	80.0000	82
	64 Di-n-octylphthalate	149	11.580	11.580	(0.931)	952755	80.0000	87
	65 Benzo(b)fluoranthene	252	11.980	11.980	(0.963)	577228	80.0000	83
	66 Benzo(k)fluoranthene	252	12.010	12.010	(0.965)	648918	80.0000	80
	67 Benzo(a)pyrene	252	12.374	12.374	(0.994)	490963	80.0000	78
*	84 Perylene-d12	264	12.445	12.445	(1.000)	244539	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.798	13.798	(1.109)	408405	80.0000	81
	69 Dibenz(a,h)anthracene	278	13.833	13.833	(1.112)	420844	80.0000	76
	70 Benzo(g,h,i)perylene	276	14.121	14.121	(1.135)	410910	80.0000	86

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z5463.d

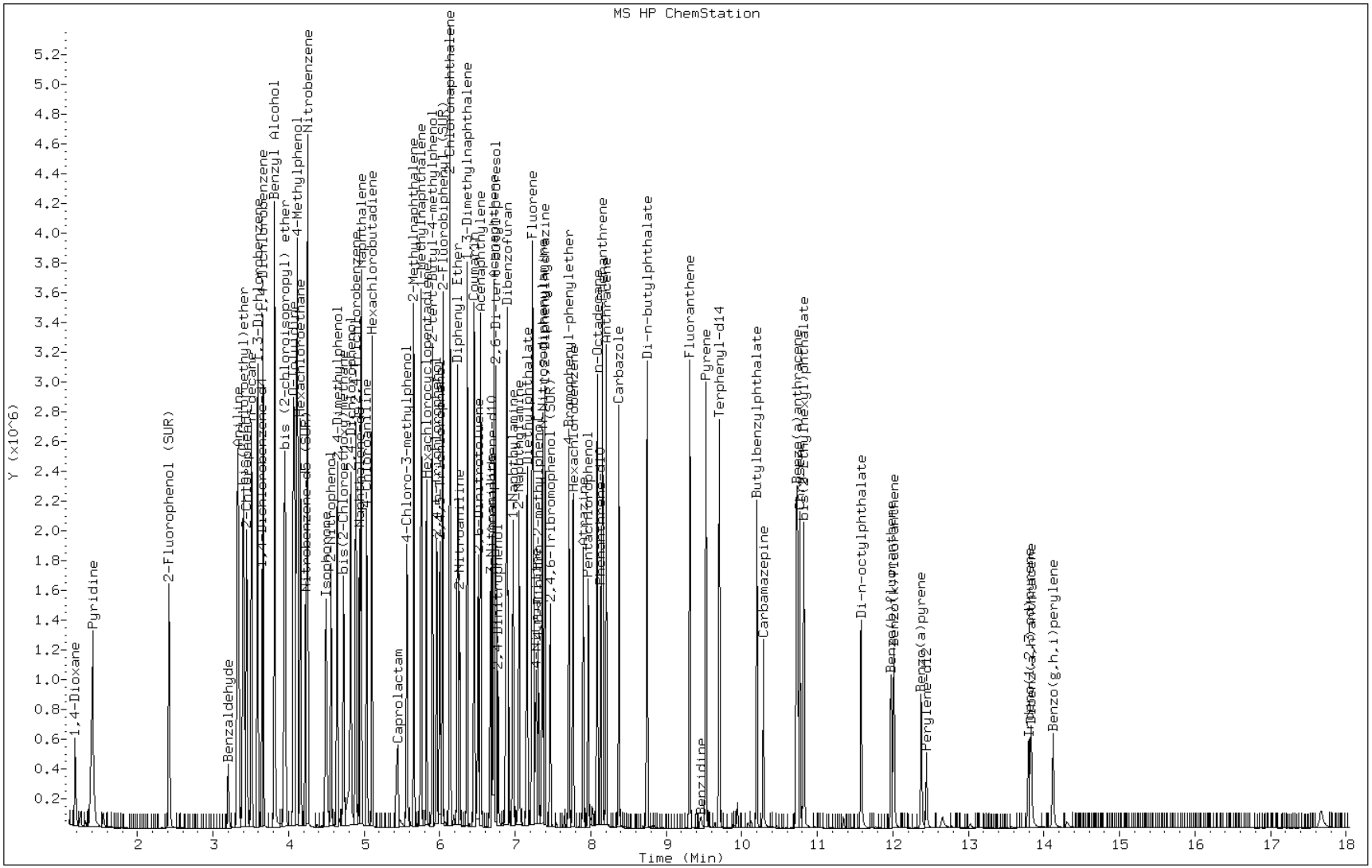
Date: 03-NOV-2009 15:16

Client ID:

Instrument: BNAMS11.i

Sample Info: IC-210297

Operator: BNAMS 4



Manual Integration Report

Data File: z5463.d
Inj. Date and Time: 03-NOV-2009 15:16
Instrument ID: BNAMS11.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 11/04/2009

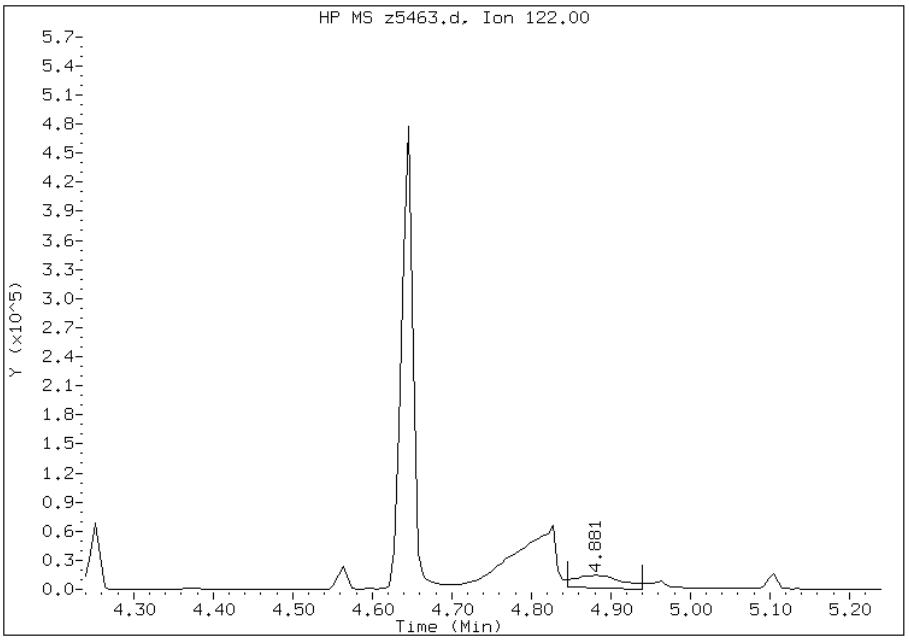
Processing Integration Results

RT: 4.88

Response: 57993

Amount: 38

Conc: 38



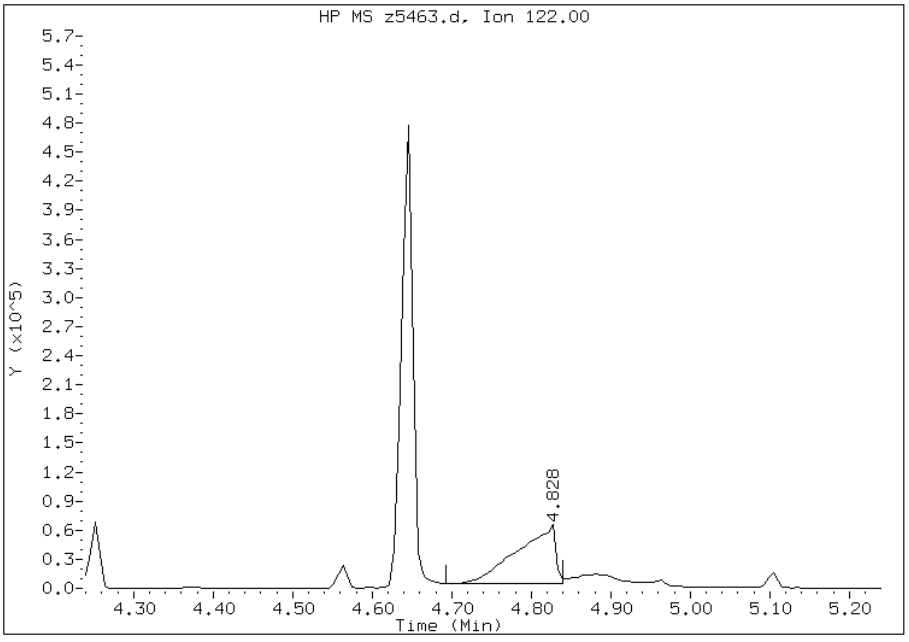
Manual Integration Results

RT: 4.83

Response: 205827

Amount: 74

Conc: 74



Manually Integrated By: wahied
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: z5463.d
Inj. Date and Time: 03-NOV-2009 15:16
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 11/04/2009

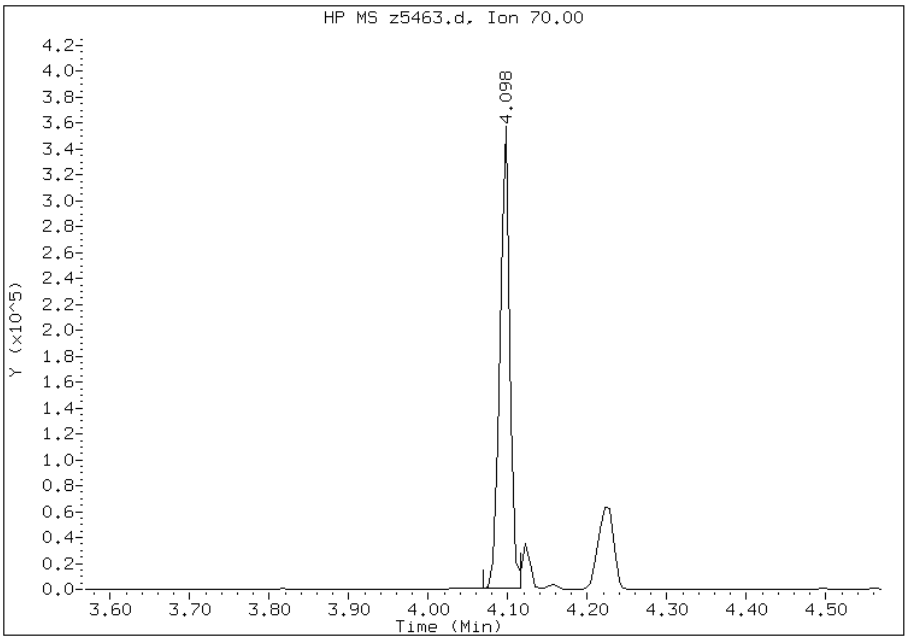
Processing Integration Results

RT: 4.10

Response: 329828

Amount: 71

Conc: 71



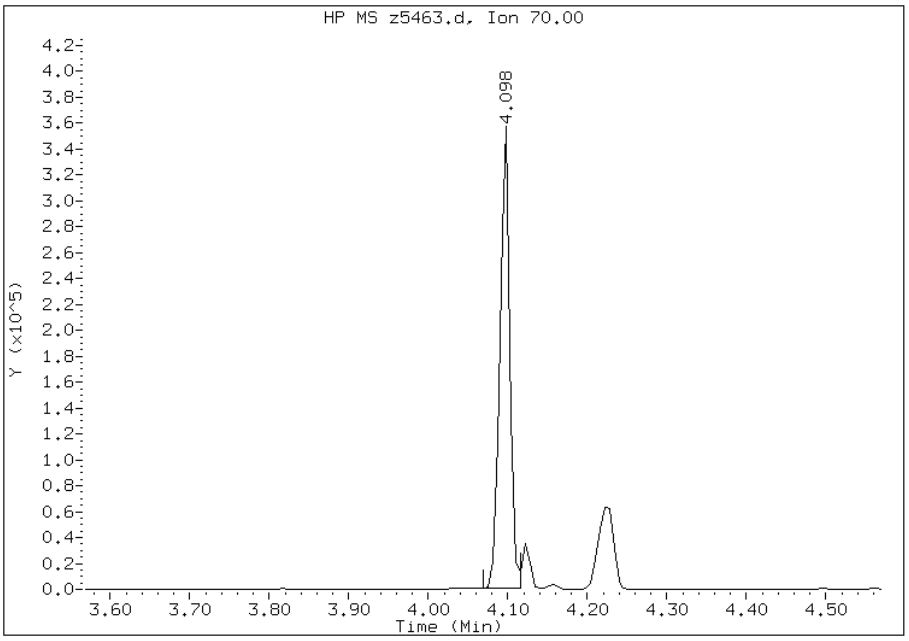
Manual Integration Results

RT: 4.10

Response: 329579

Amount: 71

Conc: 71



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5464.d
Report Date: 04-Nov-2009 07:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5464.d
Lab Smp Id: IC-210296
Inj Date : 03-NOV-2009 15:41
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-210296
Misc Info : 20 ppm bna 4407
Comment :
Method : /chem/BNAMS11.i/8270/11-03-09/03nov09.b/8270C_08SP.m
Meth Date : 04-Nov-2009 07:48 croccom Quant Type: ISTD
Cal Date : 03-NOV-2009 15:41 Cal File: z5464.d
Als bottle: 6 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.152	1.152	(0.316)	86824	20.0000	20
	19 N-Nitrosodimethylamine	74	1.346	1.346	(0.370)	101949	20.0000	19
	71 Pyridine	79	1.369	1.369	(0.376)	190380	20.0000	20
$	16 2-Fluorophenol (SUR)	112	2.393	2.393	(0.657)	199629	20.0000	21
	110 Benzaldehyde	77	3.187	3.187	(0.876)	90702	20.0000	25
	73 Aniline	93	3.304	3.304	(0.908)	272566	20.0000	20
$	17 Phenol-d5 (SUR)	99	3.304	3.304	(0.908)	217999	20.0000	21
	1 Phenol	94	3.316	3.316	(0.911)	252829	20.0000	21(H)
	20 bis(2-Chloroethyl)ether	93	3.381	3.381	(0.929)	189883	20.0000	20(H)
	2 2-Chlorophenol	128	3.428	3.428	(0.942)	221729	20.0000	21
	113 n-decane	43	3.504	3.504	(0.963)	162958	20.0000	20
	21 1,3-Dichlorobenzene	146	3.581	3.581	(0.984)	254493	20.0000	20
*	79 1,4-Dichlorobenzene-d4	152	3.640	3.640	(1.000)	310705	40.0000	
	22 1,4-Dichlorobenzene	146	3.657	3.657	(1.005)	249947	20.0000	20
	74 Benzyl Alcohol	108	3.799	3.799	(1.044)	119563	20.0000	21

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5464.d
Report Date: 04-Nov-2009 07:48

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	==========	====	==	======	======	========	=======	=======
	23 1,2-Dichlorobenzene	146	3.810	3.810	(1.047)	234569	20.0000	20
	24 bis (2-chloroisopropyl) ether	45	3.940	3.940	(1.082)	179647	20.0000	24
	3 2-Methylphenol	108	3.934	3.934	(1.081)	168591	20.0000	21
	126 O-Toluidine	107	4.051	4.051	(1.113)	268741	20.0000	20
	104 Acetophenone	105	4.063	4.063	(1.116)	261064	20.0000	21(H)
	25 N-Nitroso-di-n-propylamine	70	4.075	4.075	(1.120)	120708	20.0000	21
	4 4-Methylphenol	108	4.093	4.093	(1.124)	182409	20.0000	21
	123 3 & 4 Methylphenol	108	4.093	4.093	(1.124)	185244	20.0000	22(H)
	26 Hexachloroethane	117	4.151	4.151	(1.141)	101619	20.0000	21
$	76 Nitrobenzene-d5 (SUR)	82	4.210	4.210	(0.853)	196715	20.0000	20
	27 Nitrobenzene	77	4.228	4.228	(0.857)	272118	20.0000	21
	107 N,N-Dimethylaniline	120	4.240	4.240	(1.165)	298653	20.0000	20
	28 Isophorone	82	4.481	4.481	(0.908)	328639	20.0000	20
	5 2-Nitrophenol	139	4.557	4.557	(0.924)	107658	20.0000	20
	6 2,4-Dimethylphenol	122	4.634	4.634	(0.939)	167753	20.0000	21
	29 bis(2-Chloroethoxy)methane	93	4.716	4.716	(0.956)	201601	20.0000	21
	15 Benzoic Acid	122	4.769	4.769	(0.967)	69289	20.0000	24(MH)
	7 2,4-Dichlorophenol	162	4.810	4.810	(0.975)	152401	20.0000	20
	30 1,2,4-Trichlorobenzene	180	4.887	4.887	(0.990)	181377	20.0000	20
*	80 Naphthalene-d8	136	4.934	4.934	(1.000)	1052263	40.0000	
	31 Naphthalene	128	4.951	4.951	(1.004)	558719	20.0000	20
	32 4-Chloroaniline	127	5.028	5.028	(1.019)	207584	20.0000	20
	33 Hexachlorobutadiene	225	5.098	5.098	(1.033)	111159	20.0000	20
	111 Caprolactam	113	5.381	5.381	(1.091)	50472	20.0000	23(H)
	8 4-Chloro-3-methylphenol	107	5.551	5.551	(1.125)	152766	20.0000	21
	34 2-Methylnaphthalene	142	5.651	5.651	(1.145)	340751	20.0000	20
	120 1-Methylnaphthalene	142	5.751	5.751	(1.166)	336551	20.0000	20
	35 Hexachlorocyclopentadiene	237	5.822	5.822	(0.871)	96100	20.0000	18
	121 2-tert-Butyl-4-methylphenol	149	5.898	5.898	(1.196)	227383	20.0000	21
	9 2,4,6-Trichlorophenol	196	5.951	5.951	(0.891)	102377	20.0000	19
	10 2,4,5-Trichlorophenol	196	5.993	5.993	(0.897)	108435	20.0000	20
$	77 2-Fluorobiphenyl (SUR)	172	6.034	6.034	(0.903)	363495	20.0000	20
	36 2-Chloronaphthalene	162	6.134	6.134	(0.918)	316161	20.0000	20
	102 Diphenyl	154	6.128	6.128	(0.917)	403146	20.0000	21
	103 Diphenyl Ether	170	6.234	6.234	(0.933)	218344	20.0000	20
	37 2-Nitroaniline	65	6.251	6.251	(0.936)	93516	20.0000	20(H)
	125 1,3-Dimethylnaphthalene	156	6.357	6.357	(0.952)	267954	20.0000	20
	114 Coumarin	146	6.445	6.445	(1.306)	112252	20.0000	21
	38 Dimethylphthalate	163	6.451	6.451	(0.966)	337923	20.0000	20
	40 2,6-Dinitrotoluene	165	6.498	6.498	(0.973)	78619	20.0000	20
	39 Acenaphthylene	152	6.540	6.540	(0.979)	501976	20.0000	20
	41 3-Nitroaniline	138	6.657	6.657	(0.996)	85330	20.0000	20
*	82 Acenaphthene-d10	164	6.681	6.681	(1.000)	538560	40.0000	
	42 Acenaphthene	154	6.710	6.710	(1.004)	288749	20.0000	20
	122 2,6-Di-tert-butyl-p-cresol	205	6.734	6.734	(1.008)	286074	20.0000	20
	11 2,4-Dinitrophenol	184	6.763	6.763	(1.012)	59099	30.0000	28
	12 4-Nitrophenol	65	6.863	6.863	(1.027)	84285	30.0000	31

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5464.d
Report Date: 04-Nov-2009 07:48

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	43 Dibenzofuran	168	6.881	6.881	(1.030)	421523	20.0000	20
	44 2,4-Dinitrotoluene	165	6.892	6.892	(1.032)	103339	20.0000	20
	127 1-Naphthylamine	143	6.963	6.963	(1.042)	250419	20.0000	21
	128 2-Naphthylamine	143	7.040	7.040	(1.054)	258071	20.0000	21
	45 Diethylphthalate	149	7.145	7.145	(1.070)	346635	20.0000	21
	47 Fluorene	166	7.216	7.216	(1.080)	341204	20.0000	20
	46 4-Chlorophenyl-phenylether	204	7.234	7.234	(1.083)	167275	20.0000	20
	48 4-Nitroaniline	138	7.257	7.257	(1.086)	79169	20.0000	21
	13 4,6-Dinitro-2-methylphenol	198	7.292	7.292	(0.897)	83008	30.0000	30
	49 N-Nitrosodiphenylamine	169	7.351	7.351	(0.904)	228034	20.0000	20
	75 1,2-Diphenylhydrazine	77	7.387	7.387	(0.909)	369305	20.0000	20
$	18 2,4,6-Tribromophenol (SUR)	330	7.457	7.457	(1.116)	45812	20.0000	20
	50 4-Bromophenyl-phenylether	248	7.704	7.704	(0.948)	95783	20.0000	19
	51 Hexachlorobenzene	284	7.757	7.757	(0.954)	98981	20.0000	20
	112 Atrazine	200	7.892	7.892	(0.971)	86523	20.0000	21
	14 Pentachlorophenol	266	7.963	7.963	(0.980)	87515	30.0000	30
	115 n-Octadecane	57	8.081	8.081	(0.994)	174499	20.0000	20
*	83 Phenanthrene-d10	188	8.128	8.128	(1.000)	806504	40.0000	
	52 Phenanthrene	178	8.151	8.151	(1.003)	449080	20.0000	20
	53 Anthracene	178	8.198	8.198	(1.009)	450153	20.0000	20
	54 Carbazole	167	8.369	8.369	(1.030)	394564	20.0000	20
	55 Di-n-butylphthalate	149	8.739	8.739	(1.075)	523167	20.0000	21
	56 Fluoranthene	202	9.304	9.304	(1.145)	437567	20.0000	21
	58 Benzidine	184	9.457	9.457	(1.164)	136761	30.0000	49
	57 Pyrene	202	9.522	9.522	(0.887)	438665	20.0000	20
$	78 Terphenyl-d14	244	9.698	9.698	(0.903)	326020	20.0000	19
	59 Butylbenzylphthalate	149	10.192	10.192	(0.949)	187670	20.0000	20
	124 Carbamazepine	193	10.280	10.280	(0.957)	110112	20.0000	18
	61 Benzo(a)anthracene	228	10.728	10.728	(0.999)	299343	20.0000	19
	60 3,3'-Dichlorobenzidine	252	10.716	10.716	(0.998)	138525	30.0000	33
*	81 Chrysene-d12	240	10.739	10.739	(1.000)	573772	40.0000	
	62 Chrysene	228	10.763	10.763	(1.002)	293739	20.0000	20
	63 bis(2-Ethylhexyl)phthalate	149	10.816	10.816	(1.007)	238766	20.0000	20
	64 Di-n-octylphthalate	149	11.575	11.575	(0.930)	302555	20.0000	21
	65 Benzo(b)fluoranthene	252	11.975	11.975	(0.962)	184613	20.0000	20
	66 Benzo(k)fluoranthene	252	12.004	12.004	(0.965)	224231	20.0000	21
	67 Benzo(a)pyrene	252	12.369	12.369	(0.994)	155035	20.0000	18
*	84 Perylene-d12	264	12.445	12.445	(1.000)	324618	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.786	13.786	(1.108)	110599	20.0000	19
	69 Dibenz(a,h)anthracene	278	13.821	13.821	(1.111)	120747	20.0000	16
	70 Benzo(g,h,i)perylene	276	14.116	14.116	(1.134)	116981	20.0000	18

QC Flag Legend

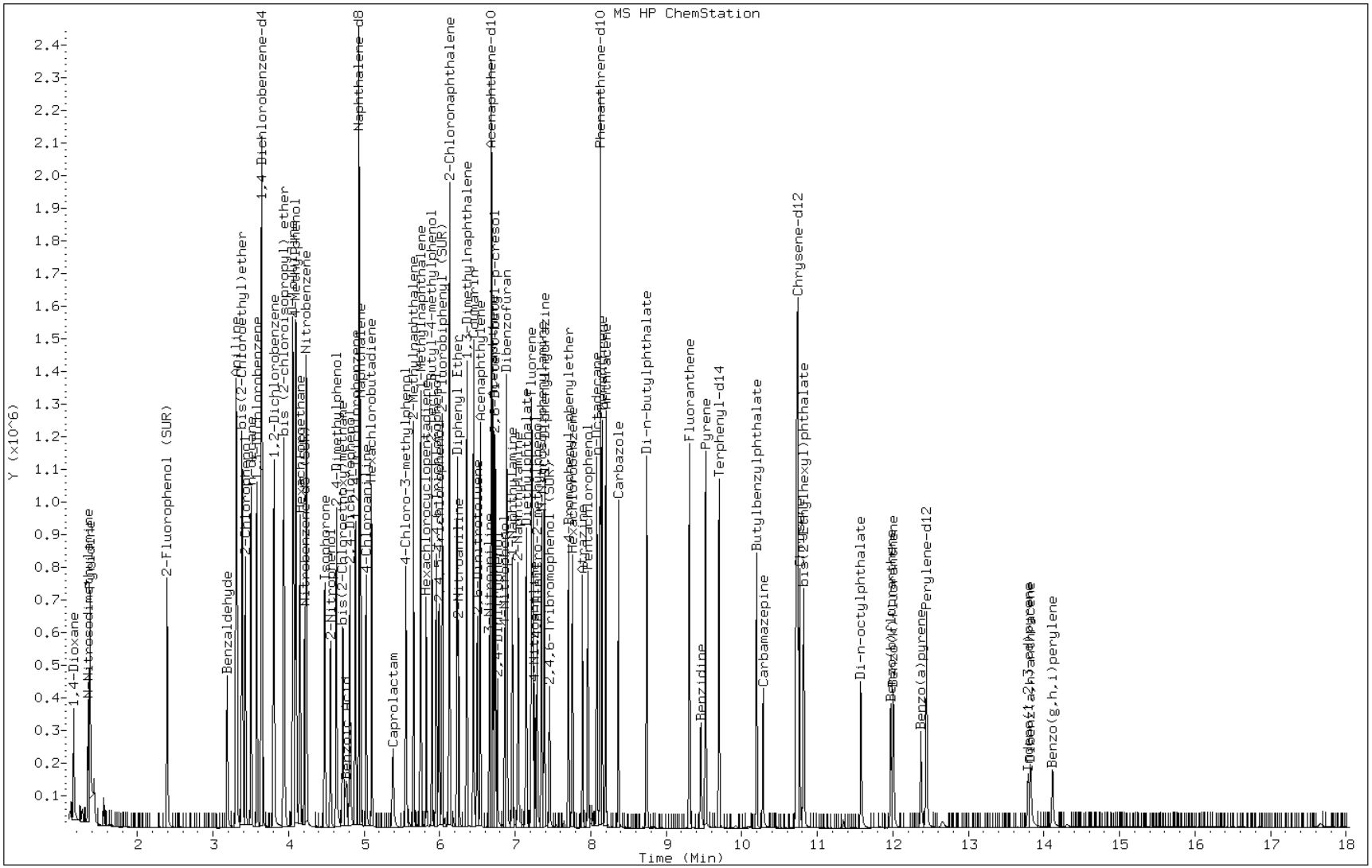
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z5464.d

Date: 03-NOV-2009 15:41

Client ID: Instrument: BNAMS11.i

Sample Info: IC-210296 Operator: BNAMS 4



Manual Integration Report

Data File: z5464.d
Inj. Date and Time: 03-NOV-2009 15:41
Instrument ID: BNAMS11.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 11/04/2009

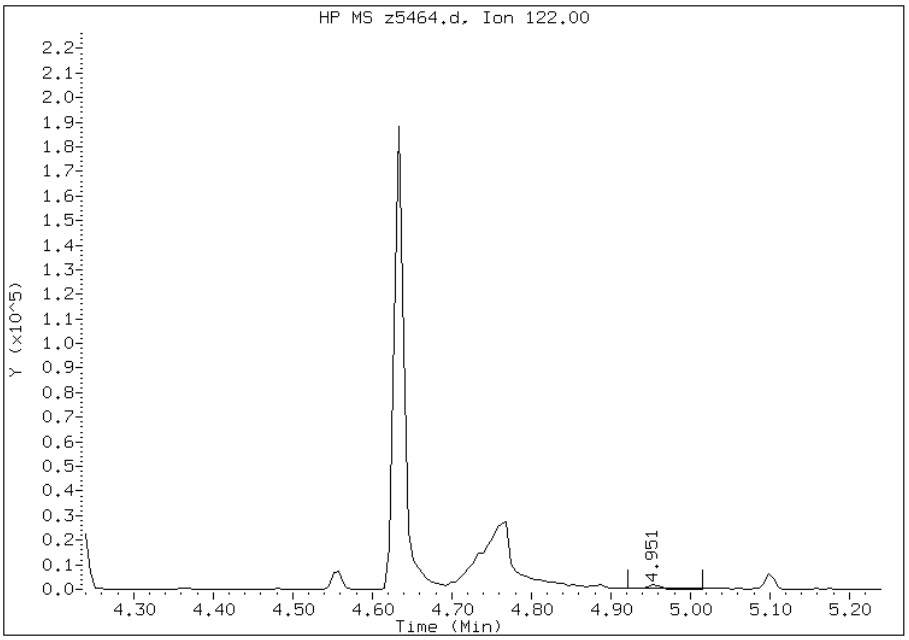
Processing Integration Results

RT: 4.95

Response: 3241

Amount: 1

Conc: 1



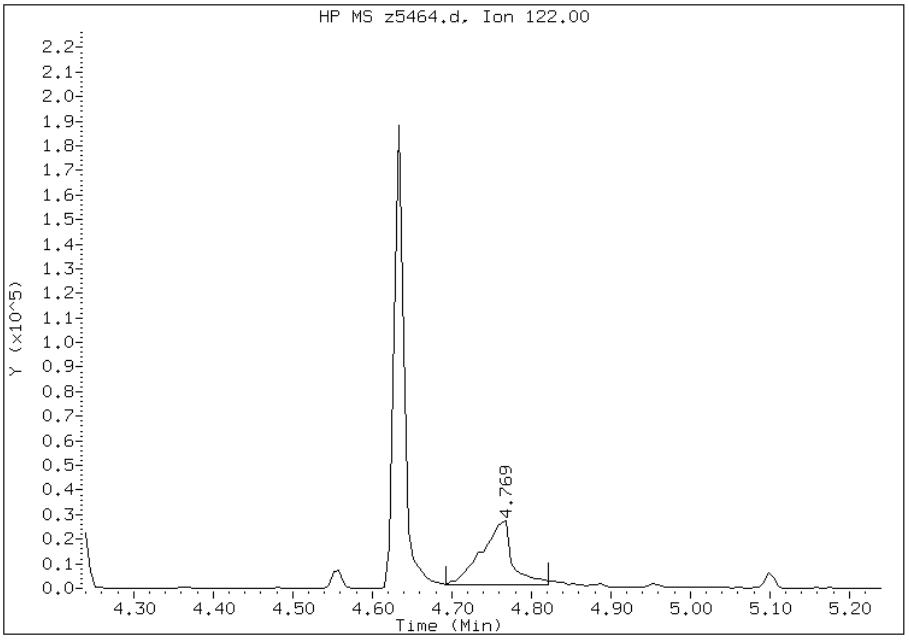
Manual Integration Results

RT: 4.77

Response: 69289

Amount: 24

Conc: 24



Manually Integrated By: wahied
Manual Integration Reason: Peak Tailing or Fronting

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5465.d
Report Date: 04-Nov-2009 07:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5465.d
Lab Smp Id: IC-210307
Inj Date : 03-NOV-2009 16:05
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-210307
Misc Info : 10 ppm bna 4407
Comment :
Method : /chem/BNAMS11.i/8270/11-03-09/03nov09.b/8270C_08SP.m
Meth Date : 04-Nov-2009 07:48 croccom Quant Type: ISTD
Cal Date : 03-NOV-2009 16:05 Cal File: z5465.d
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.157	1.157	(0.318)	47808	10.0000	11
	19 N-Nitrosodimethylamine	74	1.352	1.352	(0.371)	57122	10.0000	11
	71 Pyridine	79	1.375	1.375	(0.378)	105657	10.0000	11
$	16 2-Fluorophenol (SUR)	112	2.393	2.393	(0.657)	106821	10.0000	11
	110 Benzaldehyde	77	3.187	3.187	(0.876)	41333	10.0000	12
	73 Aniline	93	3.304	3.304	(0.908)	144581	10.0000	11
$	17 Phenol-d5 (SUR)	99	3.298	3.298	(0.906)	116427	10.0000	11
	1 Phenol	94	3.310	3.310	(0.909)	133765	10.0000	11(H)
	20 bis(2-Chloroethyl)ether	93	3.375	3.375	(0.927)	102300	10.0000	10(H)
	2 2-Chlorophenol	128	3.428	3.428	(0.942)	117814	10.0000	11
	113 n-decane	43	3.498	3.498	(0.961)	91833	10.0000	11
	21 1,3-Dichlorobenzene	146	3.581	3.581	(0.984)	137258	10.0000	11
*	79 1,4-Dichlorobenzene-d4	152	3.640	3.640	(1.000)	310780	40.0000	
	22 1,4-Dichlorobenzene	146	3.657	3.657	(1.005)	135786	10.0000	11
	74 Benzyl Alcohol	108	3.793	3.793	(1.042)	58326	10.0000	10

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5465.d
Report Date: 04-Nov-2009 07:48

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	==========	====	==	======	======	========	=======	=======
	23 1,2-Dichlorobenzene	146	3.810	3.810	(1.047)	126485	10.0000	11
	24 bis (2-chloroisopropyl) ether	45	3.940	3.940	(1.082)	101805	10.0000	14
	3 2-Methylphenol	108	3.928	3.928	(1.079)	88567	10.0000	11
	126 O-Toluidine	107	4.051	4.051	(1.113)	141749	10.0000	11
	104 Acetophenone	105	4.057	4.057	(1.115)	136909	10.0000	11(H)
	25 N-Nitroso-di-n-propylamine	70	4.069	4.069	(1.118)	63066	10.0000	11
	4 4-Methylphenol	108	4.093	4.093	(1.124)	95232	10.0000	11
	123 3 & 4 Methylphenol	108	4.093	4.093	(1.124)	95616	10.0000	11(H)
	26 Hexachloroethane	117	4.151	4.151	(1.141)	53908	10.0000	11
$	76 Nitrobenzene-d5 (SUR)	82	4.204	4.204	(0.852)	101991	10.0000	11
	27 Nitrobenzene	77	4.228	4.228	(0.857)	142899	10.0000	11
	107 N,N-Dimethylaniline	120	4.234	4.234	(1.163)	157518	10.0000	11
	28 Isophorone	82	4.475	4.475	(0.907)	167977	10.0000	10
	5 2-Nitrophenol	139	4.551	4.551	(0.922)	55046	10.0000	10
	6 2,4-Dimethylphenol	122	4.634	4.634	(0.939)	78759	10.0000	10
	29 bis(2-Chloroethoxy)methane	93	4.716	4.716	(0.956)	101589	10.0000	10
	15 Benzoic Acid	122	4.740	4.740	(0.961)	25145	10.0000	9.0(MH)
	7 2,4-Dichlorophenol	162	4.810	4.810	(0.975)	78620	10.0000	11
	30 1,2,4-Trichlorobenzene	180	4.887	4.887	(0.990)	95170	10.0000	11
*	80 Naphthalene-d8	136	4.934	4.934	(1.000)	1032697	40.0000	
	31 Naphthalene	128	4.951	4.951	(1.004)	295357	10.0000	11
	32 4-Chloroaniline	127	5.028	5.028	(1.019)	105302	10.0000	10
	33 Hexachlorobutadiene	225	5.098	5.098	(1.033)	58869	10.0000	11
	111 Caprolactam	113	5.363	5.363	(1.087)	21777	10.0000	10
	8 4-Chloro-3-methylphenol	107	5.545	5.545	(1.124)	75618	10.0000	10
	34 2-Methylnaphthalene	142	5.651	5.651	(1.145)	172243	10.0000	10
	120 1-Methylnaphthalene	142	5.751	5.751	(1.166)	173014	10.0000	11
	35 Hexachlorocyclopentadiene	237	5.822	5.822	(0.871)	44045	10.0000	9.0
	121 2-tert-Butyl-4-methylphenol	149	5.892	5.892	(1.194)	116183	10.0000	11
	9 2,4,6-Trichlorophenol	196	5.951	5.951	(0.891)	50236	10.0000	10
	10 2,4,5-Trichlorophenol	196	5.987	5.987	(0.896)	52574	10.0000	10
$	77 2-Fluorobiphenyl (SUR)	172	6.034	6.034	(0.903)	184884	10.0000	11
	36 2-Chloronaphthalene	162	6.134	6.134	(0.918)	159970	10.0000	11
	102 Diphenyl	154	6.122	6.122	(0.916)	204566	10.0000	11
	103 Diphenyl Ether	170	6.234	6.234	(0.933)	110691	10.0000	11
	37 2-Nitroaniline	65	6.251	6.251	(0.936)	47444	10.0000	11
	125 1,3-Dimethylnaphthalene	156	6.357	6.357	(0.952)	126977	10.0000	10
	114 Coumarin	146	6.445	6.445	(1.306)	53163	10.0000	10
	38 Dimethylphthalate	163	6.445	6.445	(0.965)	163812	10.0000	10
	40 2,6-Dinitrotoluene	165	6.492	6.492	(0.972)	36995	10.0000	10
	39 Acenaphthylene	152	6.534	6.534	(0.978)	245363	10.0000	10
	41 3-Nitroaniline	138	6.657	6.657	(0.996)	38445	10.0000	9.9(a)
*	82 Acenaphthene-d10	164	6.681	6.681	(1.000)	505851	40.0000	
	42 Acenaphthene	154	6.710	6.710	(1.004)	141847	10.0000	11
	122 2,6-Di-tert-butyl-p-cresol	205	6.734	6.734	(1.008)	139606	10.0000	10
	11 2,4-Dinitrophenol	184	6.763	6.763	(1.012)	30243	20.0000	16
	12 4-Nitrophenol	65	6.857	6.857	(1.026)	46416	20.0000	18

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5465.d
Report Date: 04-Nov-2009 07:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	43 Dibenzofuran	168	6.881	6.881	(1.030)	208857	10.0000	11
	44 2,4-Dinitrotoluene	165	6.886	6.886	(1.031)	48095	10.0000	10
	127 1-Naphthylamine	143	6.957	6.957	(1.041)	114956	10.0000	10
	128 2-Naphthylamine	143	7.039	7.039	(1.054)	125558	10.0000	11
	45 Diethylphthalate	149	7.139	7.139	(1.069)	162195	10.0000	10
	47 Fluorene	166	7.216	7.216	(1.080)	165637	10.0000	11
	46 4-Chlorophenyl-phenylether	204	7.228	7.228	(1.082)	81179	10.0000	10
	48 4-Nitroaniline	138	7.251	7.251	(1.085)	37209	10.0000	10
	13 4,6-Dinitro-2-methylphenol	198	7.286	7.286	(0.896)	46228	20.0000	19
	49 N-Nitrosodiphenylamine	169	7.351	7.351	(0.904)	108405	10.0000	10
	75 1,2-Diphenylhydrazine	77	7.381	7.381	(0.908)	180584	10.0000	11
$	18 2,4,6-Tribromophenol (SUR)	330	7.451	7.451	(1.115)	21156	10.0000	9.6
	50 4-Bromophenyl-phenylether	248	7.704	7.704	(0.948)	45710	10.0000	10
	51 Hexachlorobenzene	284	7.757	7.757	(0.954)	45678	10.0000	10
	112 Atrazine	200	7.892	7.892	(0.971)	41279	10.0000	11
	14 Pentachlorophenol	266	7.957	7.957	(0.979)	48709	20.0000	18
	115 n-Octadecane	57	8.081	8.081	(0.994)	88240	10.0000	11
*	83 Phenanthrene-d10	188	8.128	8.128	(1.000)	729472	40.0000	
	52 Phenanthrene	178	8.145	8.145	(1.002)	214259	10.0000	11
	53 Anthracene	178	8.198	8.198	(1.009)	215755	10.0000	10
	54 Carbazole	167	8.369	8.369	(1.030)	189120	10.0000	11
	55 Di-n-butylphthalate	149	8.739	8.739	(1.075)	243002	10.0000	10
	56 Fluoranthene	202	9.304	9.304	(1.145)	210377	10.0000	11
	58 Benzidine	184	9.457	9.457	(1.164)	103389	20.0000	41
	57 Pyrene	202	9.522	9.522	(0.887)	215829	10.0000	9.8
$	78 Terphenyl-d14	244	9.698	9.698	(0.903)	162669	10.0000	9.6
	59 Butylbenzylphthalate	149	10.192	10.192	(0.949)	88787	10.0000	9.7
	124 Carbamazepine	193	10.280	10.280	(0.957)	50894	10.0000	8.6
	61 Benzo(a)anthracene	228	10.727	10.727	(0.999)	153513	10.0000	9.8
	60 3,3'-Dichlorobenzidine	252	10.722	10.722	(0.998)	88404	20.0000	22
*	81 Chrysene-d12	240	10.739	10.739	(1.000)	564497	40.0000	
	62 Chrysene	228	10.763	10.763	(1.002)	149679	10.0000	10
	63 bis(2-Ethylhexyl)phthalate	149	10.816	10.816	(1.007)	116198	10.0000	9.8
	64 Di-n-octylphthalate	149	11.574	11.574	(0.930)	138660	10.0000	9.3
	65 Benzo(b)fluoranthene	252	11.968	11.968	(0.962)	94970	10.0000	10
	66 Benzo(k)fluoranthene	252	12.004	12.004	(0.965)	115019	10.0000	10
	67 Benzo(a)pyrene	252	12.368	12.368	(0.994)	79974	10.0000	9.3
*	84 Perylene-d12	264	12.445	12.445	(1.000)	333858	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.792	13.792	(1.108)	50153	10.0000	8.6(M)
	69 Dibenz(a,h)anthracene	278	13.821	13.821	(1.111)	58239	10.0000	7.7
	70 Benzo(g,h,i)perylene	276	14.110	14.110	(1.134)	60565	10.0000	9.3

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5465.d
Report Date: 04-Nov-2009 07:48

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: z5465.d

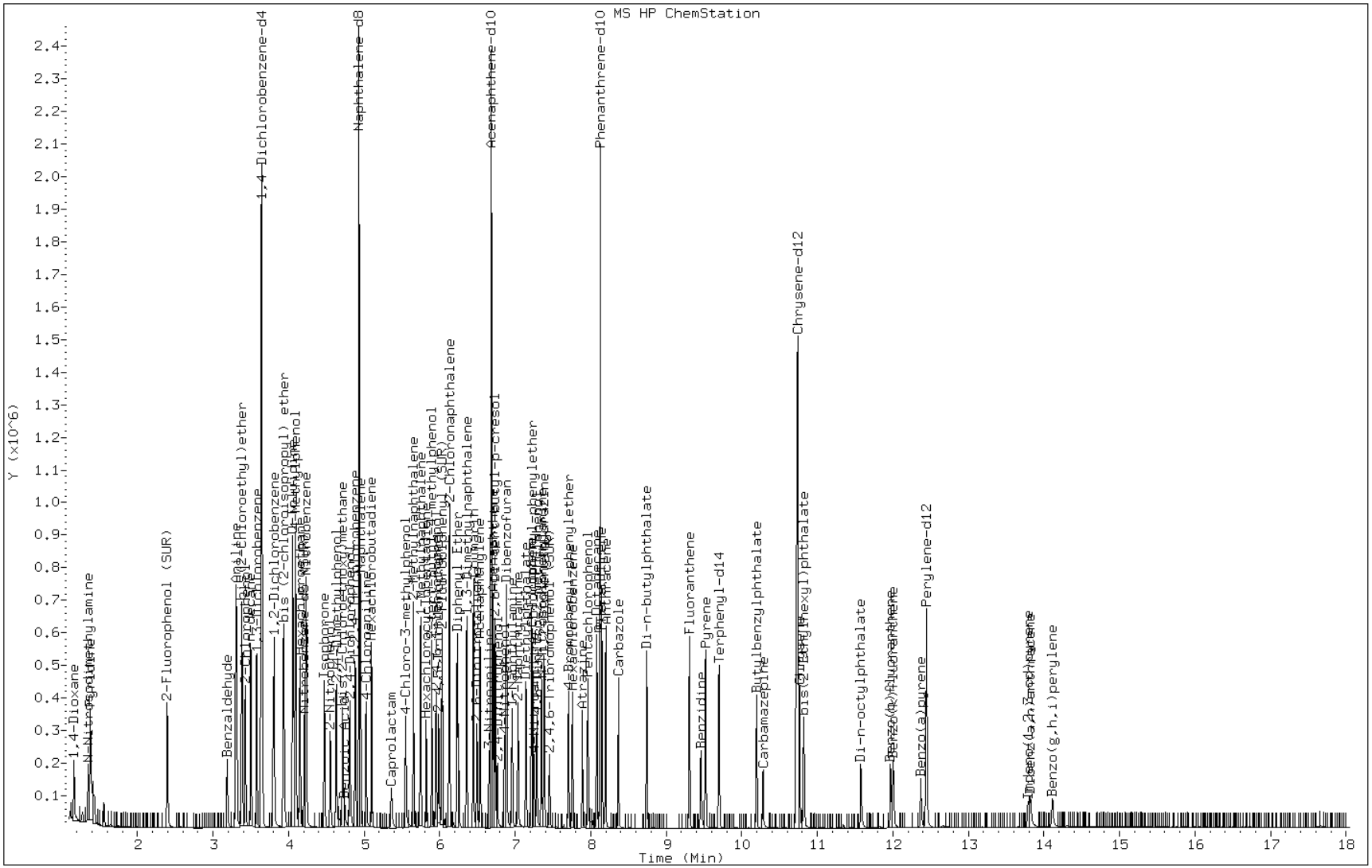
Date: 03-NOV-2009 16:05

Client ID:

Instrument: BNAMS11.i

Sample Info: IC-210307

Operator: BNAMS 4



Manual Integration Report

Data File: z5465.d
Inj. Date and Time: 03-NOV-2009 16:05
Instrument ID: BNAMS11.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 11/04/2009

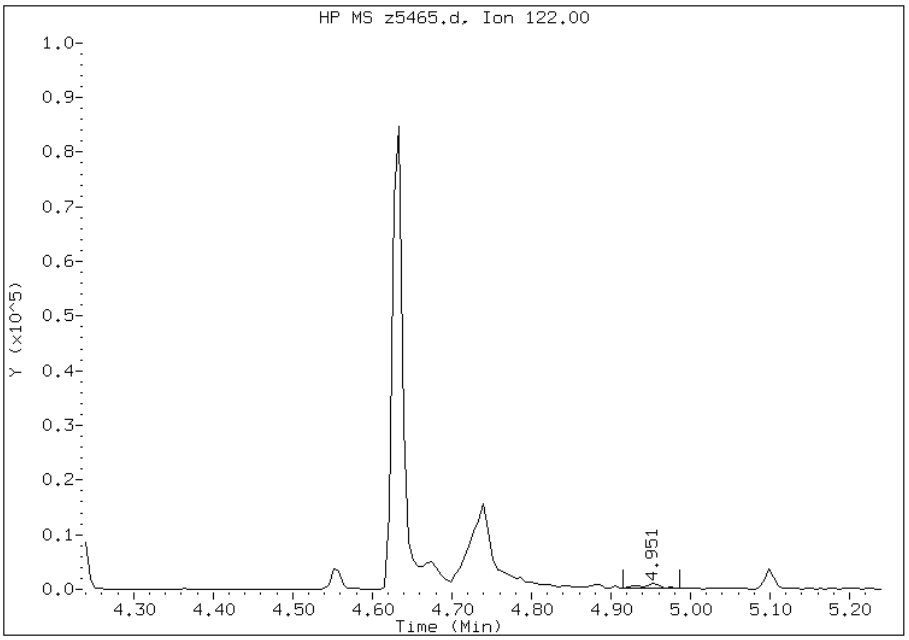
Processing Integration Results

RT: 4.95

Response: 1574

Amount: 1

Conc: 1



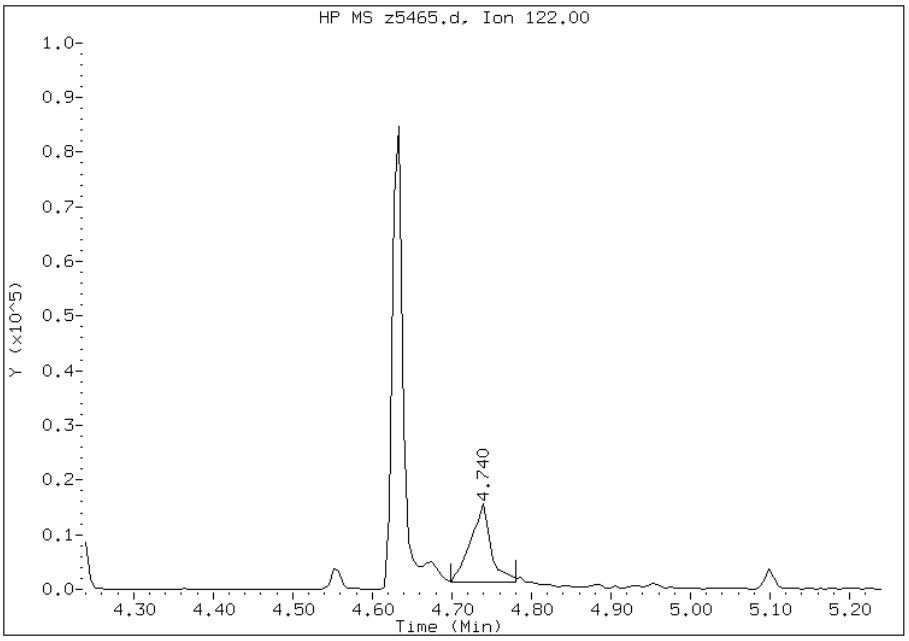
Manual Integration Results

RT: 4.74

Response: 25145

Amount: 9

Conc: 9



Manually Integrated By: wahied
Manual Integration Reason: Peak Tailing or Fronting

Manual Integration Report

Data File: z5465.d
Inj. Date and Time: 03-NOV-2009 16:05
Instrument ID: BNAMS11.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 11/04/2009

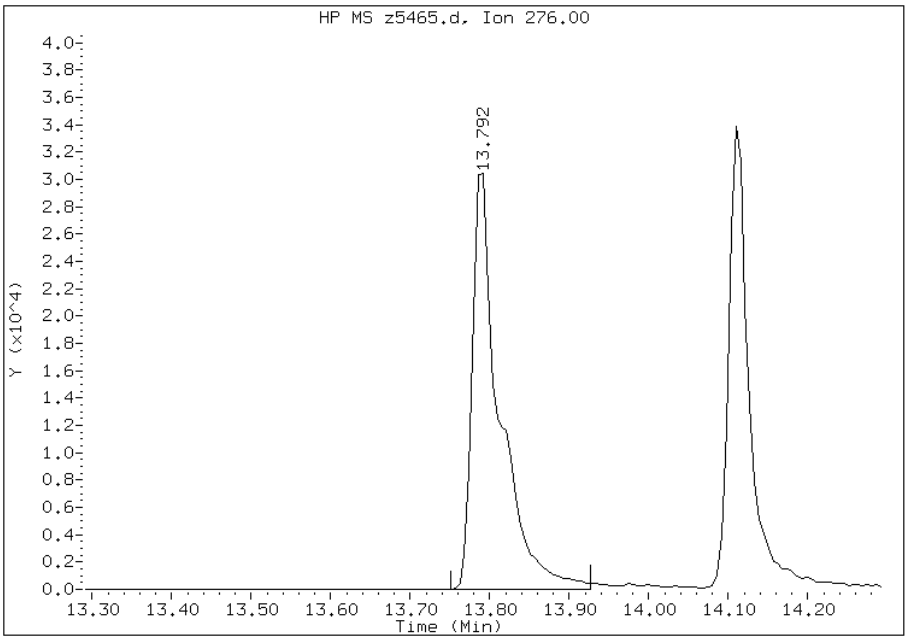
Processing Integration Results

RT: 13.79

Response: 72830

Amount: 12

Conc: 12



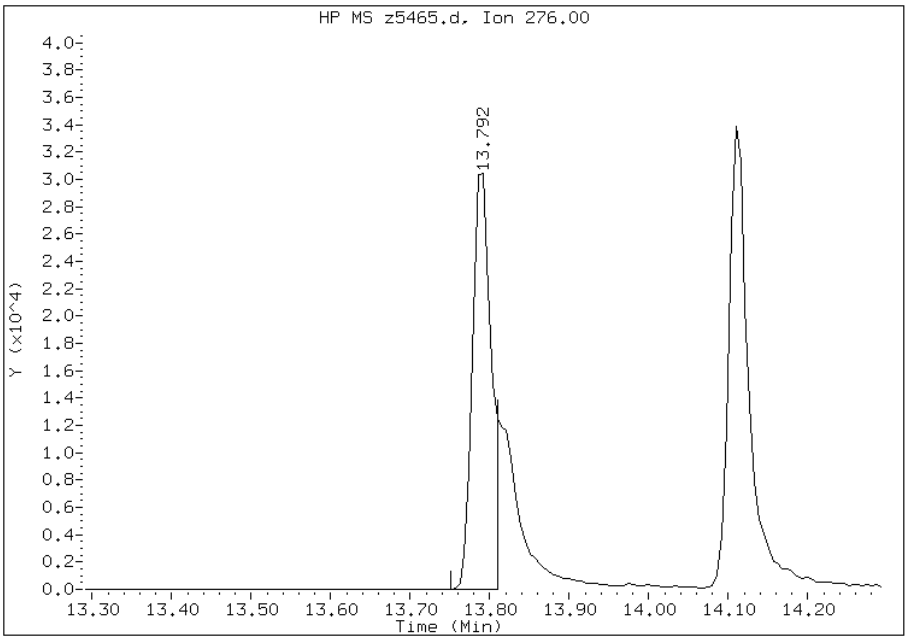
Manual Integration Results

RT: 13.79

Response: 50153

Amount: 9

Conc: 9



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 22779

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2009 02:14 Calibration End Date: 11/16/2009 04:19 Calibration ID: 4071

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-22779/4	z5845.d
Level 2	IC 460-22779/7	z5848.d
Level 3	IC 460-22779/6	z5847.d
Level 4	ICIS 460-22779/2	z5843.d
Level 5	IC 460-22779/5	z5846.d
Level 6	IC 460-22779/3	z5844.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0 0	0	0	0	0	Ave								15.0			
N-Nitrosodimethylamine	0.6657 0.6706	0.6457	0.6370	0.7004	0.6692	Ave		0.6648				3.3		15.0			
Pyridine	1.2225 1.2170	1.2943	1.2795	1.2423	1.1969	Ave		1.2421				3.1		15.0			
2,3,7,8-TCDD	+++++ +++++	+++++	+++++	0.1374	+++++	Ave		0.1374						15.0			
Benzaldehyde	0.6036 +++++	0.3292	0.3606	0.3491	0.0860	Ave		0.3457				53.0	*	15.0			
Aniline	1.5708 1.5726	1.7415	1.6874	1.7250	1.7295	Ave		1.6711				4.7		15.0			
Phenol	1.6766 1.5609	1.5291	1.4325	1.3982	1.3081	Ave		1.4842				8.8		30.0			
Bis(2-chloroethyl)ether	1.1054 1.3391	1.2444	1.1954	1.1991	1.1357	Ave		1.2032				6.9		15.0			
2-Chlorophenol	1.4349 1.3259	1.4123	1.3619	1.3439	1.3362	Ave		1.3692				3.2		15.0			
n-Decane	1.1175 0.9408	1.0862	1.0885	1.0068	0.8866	Ave		1.0211				9.1		15.0			
1,3-Dichlorobenzene	1.6604 1.5569	1.6621	1.6402	1.6307	1.5562	Ave		1.6178				3.0		15.0			
1,4-Dichlorobenzene	1.6926 1.5160	1.6386	1.6404	1.6614	1.5359	Ave		1.6142				4.4		30.0			
1,2-Dichlorobenzene	1.5712 1.4059	1.5534	1.4891	1.4857	1.4308	Ave		1.4894				4.4		15.0			
Benzyl alcohol	0.6955 0.7949	0.7392	0.7518	0.7648	0.7725	Ave		0.7531				4.5		15.0			
2,2'-oxybis[1-chloropropane]	1.3535 1.0132	1.2950	1.2069	1.1421	1.0632	Ave		1.1790				11.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 22779

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2009 02:14 Calibration End Date: 11/16/2009 04:19 Calibration ID: 4071

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methylphenol	1.1634 1.0857	1.1002	1.0456	1.0478	1.0735	Ave		1.0860				4.0		15.0			
2-Toluidine	1.7665 1.7042	1.7609	1.7674	1.6719	1.7371	Ave		1.7347				2.3		15.0			
Acetophenone	1.7887 1.6331	1.7417	1.6894	1.6210	1.6761	Ave		1.6917				3.8		15.0			
N-Nitrosodi-n-propylamine	0.8045 0.6906	0.8456	0.7893	0.7572	0.7264	Ave		0.7689			0.0500	7.3		15.0			
3 & 4 Methylphenol	1.2723 1.0952	1.2421	1.2200	1.1134	1.1125	Ave		1.1759				6.6		15.0			
4-Methylphenol	1.2491 1.0775	1.2290	1.1883	1.1134	1.1125	Ave		1.1616				6.1		15.0			
Hexachloroethane	0.6735 0.5181	0.6806	0.6561	0.6440	0.6031	Ave		0.6292				9.7		15.0			
Nitrobenzene	0.5446 0.4171	0.5143	0.5132	0.4908	0.4374	Ave		0.4862				10.1		15.0			
n,n'-Dimethylaniline	2.4245 1.7810	2.0540	1.9939	1.8956	1.8249	Ave		1.9957				11.7		15.0			
Isophorone	0.6379 0.6252	0.6351	0.6065	0.6093	0.5935	Ave		0.6179				2.8		15.0			
2-Nitrophenol	0.1924 0.2067	0.1946	0.1929	0.2005	0.1926	Ave		0.1966				3.0		30.0			
2,4-Dimethylphenol	0.3285 0.2943	0.3177	0.3052	0.2925	0.2941	Ave		0.3054				4.9		15.0			
Bis(2-chloroethoxy)methane	0.3863 0.3544	0.3796	0.3751	0.3705	0.3495	Ave		0.3692				3.9		15.0			
2,4-Dichlorophenol	0.2975 0.2808	0.2944	0.2826	0.2699	0.2710	Ave		0.2827				4.1		30.0			
Benzoic acid	0.0823 0.1562	0.1042	0.1220	0.1304	0.1574	LinF		0.1536							0.9905		0.9900
1,2,4-Trichlorobenzene	0.3571 0.3236	0.3533	0.3463	0.3354	0.3290	Ave		0.3408				4.0		15.0			
Naphthalene	1.0962 0.9567	1.1007	1.0505	1.0345	0.9765	Ave		1.0358				5.8		15.0			
4-Chloroaniline	0.3633 0.3797	0.4119	0.3845	0.3793	0.3790	Ave		0.3830				4.2		15.0			
Hexachlorobutadiene	0.2308 0.1966	0.2216	0.2165	0.2092	0.1995	Ave		0.2124				6.2		30.0			
Caprolactam	0.0723 0.0925	0.0842	0.0842	0.0772	0.0877	Ave		0.0830				8.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 22779

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2009 02:14 Calibration End Date: 11/16/2009 04:19 Calibration ID: 4071

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Chloro-3-methylphenol	0.2928 0.2808	0.2933	0.2761	0.2792	0.2683	Ave		0.2817				3.5		30.0			
2-Methylnaphthalene	0.6897 0.6180	0.6682	0.6420	0.6204	0.6147	Ave		0.6422				4.8		15.0			
1-Methylnaphthalene	0.6553 0.6226	0.6555	0.6267	0.6063	0.6052	Ave		0.6286				3.6		15.0			
Hexachlorocyclopentadiene	0.3384 0.4383	0.3353	0.3865	0.3934	0.4165	Ave		0.3847			0.0500	10.7		15.0			
2-tertbutyl-4-methylphenol	0.4851 0.4418	0.4653	0.4553	0.4293	0.4308	Ave		0.4513				4.8		15.0			
2,4,6-Trichlorophenol	0.3700 0.4406	0.3731	0.3764	0.3900	0.3758	Ave		0.3876				6.9		30.0			
2,4,5-Trichlorophenol	0.3945 0.3948	0.3852	0.3973	0.4021	0.4056	Ave		0.3966				1.8		15.0			
1,1'-Biphenyl	1.5563 1.2874	1.5097	1.5201	1.4149	1.3048	Ave		1.4322				8.1		15.0			
2-Chloronaphthalene	1.1997 1.0283	1.1759	1.1545	1.1353	1.0578	Ave		1.1252				6.0		15.0			
Phenyl ether	0.8362 0.7774	0.8274	0.8328	0.8246	0.7826	Ave		0.8135				3.2		15.0			
2-Nitroaniline	0.3555 0.3274	0.3547	0.3632	0.3672	0.3244	Ave		0.3487				5.3		15.0			
1,3-Dimethylnaphthalene	1.0041 0.9076	0.9581	0.9707	0.9470	0.9106	Ave		0.9497				3.9		15.0			
Coumarin	0.1997 0.2173	0.2103	0.2120	0.2062	0.2080	Ave		0.2089				2.8		15.0			
Dimethyl phthalate	1.3064 1.1743	1.2811	1.2758	1.2493	1.2247	Ave		1.2520				3.8		15.0			
2,6-Dinitrotoluene	0.2553 0.2904	0.2832	0.2905	0.2957	0.2907	Ave		0.2843				5.2		15.0			
Acenaphthylene	1.9011 1.7348	1.8410	1.8681	1.8397	1.7492	Ave		1.8223				3.6		15.0			
3-Nitroaniline	0.2876 0.3011	0.2983	0.2982	0.3171	0.2985	Ave		0.3001				3.2		15.0			
Acenaphthene	1.0828 1.0220	1.0890	1.0937	1.0928	1.0297	Ave		1.0683				3.1		30.0			
3,5-di-tert-butyl-4-hydroxytol	1.1090 1.0626	1.0794	1.1362	1.0631	1.0424	Ave		1.0821				3.2		15.0			
2,4-Dinitrophenol	0.0959 0.1835	0.1048	0.1310	0.1465	0.1678	QuaF		7.5649	-3.950		0.0500				0.9965		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 22779

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2009 02:14 Calibration End Date: 11/16/2009 04:19 Calibration ID: 4071

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibenzofuran	1.6302 1.4717	1.5812	1.5668	1.5407	1.4948	Ave		1.5476				3.8		15.0			
4-Nitrophenol	0.1854 0.2318	0.1903	0.2231	0.2151	0.2199	Ave		0.2109			0.0500	8.9		15.0			
2,4-Dinitrotoluene	0.3694 0.3805	0.3740	0.3844	0.3882	0.3745	Ave		0.3785				1.9		15.0			
2-Naphthylamine	1.0277 0.9341	1.0232	0.9939	0.8318	0.9479	Ave		0.9598				7.7		15.0			
Diethyl phthalate	1.2719 1.2024	1.2767	1.2766	1.2686	1.2334	Ave		1.2549				2.4		15.0			
Fluorene	1.2441 1.1842	1.2531	1.2576	1.2623	1.2002	Ave		1.2336				2.7		15.0			
4-Chlorophenyl phenyl ether	0.6374 0.5947	0.6289	0.6264	0.6205	0.6070	Ave		0.6192				2.5		15.0			
4-Nitroaniline	0.2465 0.2707	0.2760	0.2833	0.2846	0.2836	Ave		0.2741				5.3		15.0			
4,6-Dinitro-2-methylphenol	0.1185 0.1342	0.1150	0.1289	0.1347	0.1434	Ave		0.1291				8.3		15.0			
N-Nitrosodiphenylamine	0.5590 0.5626	0.6096	0.5708	0.5602	0.5582	Ave		0.5701				3.5		30.0			
1,2-Diphenylhydrazine	0.9918 0.8727	0.9450	0.9103	0.9062	0.9192	Ave		0.9242				4.4		15.0			
4-Bromophenyl phenyl ether	0.2442 0.2484	0.2476	0.2373	0.2470	0.2418	Ave		0.2444				1.7		15.0			
Hexachlorobenzene	0.2588 0.2528	0.2531	0.2487	0.2521	0.2533	Ave		0.2531				1.3		15.0			
Atrazine	0.2124 0.2019	0.2139	0.2091	0.1976	0.2019	Ave		0.2061				3.2		15.0			
Pentachlorophenol	0.1271 0.1703	0.1274	0.1463	0.1475	0.1520	Ave		0.1451				11.2		30.0			
n-Octadecane	0.4730 0.3656	0.4568	0.4416	0.4081	0.3688	Ave		0.4190				10.9		15.0			
Phenanthrene	1.1153 1.0620	1.1387	1.0956	1.1105	1.0664	Ave		1.0981				2.7		15.0			
Anthracene	1.1157 1.0659	1.1785	1.1313	1.1132	1.0612	Ave		1.1110				3.9		15.0			
Carbazole	0.9517 0.9302	0.9951	0.9782	0.9682	0.9174	Ave		0.9568				3.1		15.0			
Di-n-butyl phthalate	1.1978 1.1993	1.2885	1.2794	1.2628	1.1935	Ave		1.2369				3.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 22779

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2009 02:14 Calibration End Date: 11/16/2009 04:19 Calibration ID: 4071

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Fluoranthene	0.9737 1.0121	1.0805	1.0989	1.0886	0.9949	Ave		1.0414				5.2		30.0			
Benzidine	0.0625 +++++	0.2456	0.2055	0.0488	0.0143	Ave		0.1153				89.4	*	15.0			
Pyrene	1.5219 1.5229	1.4792	1.3994	1.4900	1.5697	Ave		1.4972				3.8		15.0			
Butyl benzyl phthalate	0.5564 0.6437	0.5971	0.5970	0.6450	0.6494	Ave		0.6148				6.1		15.0			
Carbamazepine	0.2217 0.4533	0.3002	0.3680	0.3840	0.4229	LinF		0.4372							0.9913		0.9900
Benzo[a]anthracene	1.1103 1.0925	1.0251	1.0158	1.0885	1.0948	Ave		1.0712				3.7		15.0			
3,3'-Dichlorobenzidine	0.2375 0.2475	0.2851	0.2948	0.2774	0.2498	Ave		0.2654				8.8		15.0			
Chrysene	0.9868 0.9817	1.0368	1.0420	1.0123	0.9953	Ave		1.0091				2.5		15.0			
Bis(2-ethylhexyl) phthalate	0.7122 0.8563	0.7790	0.7750	0.8519	0.8746	Ave		0.8082				7.8		15.0			
Di-n-octyl phthalate	1.3298 2.2009	1.6286	1.7854	2.2429	2.3019	LinF		2.2256							0.9965		0.9900
Benzo[b]fluoranthene	0.6875 1.2766	1.0922	1.1250	1.3360	1.2928	LinF		1.2846							0.9988		0.9900
Benzo[k]fluoranthene	1.0896 1.4482	1.4319	1.4101	1.4945	1.4055	Ave		1.3800				10.6		15.0			
Benzo[a]pyrene	0.5137 1.0830	0.9013	0.9486	1.0782	1.0602	LinF		1.0738							0.9990		0.9900
Indeno[1,2,3-cd]pyrene	0.3029 0.7970	0.5314	0.6281	0.7174	0.7706	LinF		0.7792							0.9954		0.9900
Dibenz(a,h)anthracene	0.3083 0.8525	0.6397	0.6941	0.8394	0.8306	LinF		0.8424							0.9980		0.9900
Benzo[g,h,i]perylene	0.5956 0.8153	0.6612	0.6908	0.8131	0.8012	Ave		0.7295				12.8		15.0			
2-Fluorophenol	1.1952 1.1933	1.1811	1.2006	1.1638	1.1738	Ave		1.1847				1.2		15.0			
Phenol-d5	1.4878 1.3128	1.3759	1.3647	1.2704	1.3539	Ave		1.3609				5.4		15.0			
Nitrobenzene-d5	0.3792 0.3599	0.3836	0.3634	0.3684	0.3643	Ave		0.3698				2.6		15.0			
2-Fluorobiphenyl	1.4366 1.3274	1.4121	1.3663	1.3872	1.3580	Ave		1.3813				2.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 22779

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2009 02:14 Calibration End Date: 11/16/2009 04:19 Calibration ID: 4071

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2,4,6-Tribromophenol	0.1721 0.1946	0.1640	0.1705	0.1760	0.1863	Ave		0.1773				6.3		15.0			
Terphenyl-d14	1.1844 1.2718	1.1702	1.0626	1.1708	1.2716	Ave		1.1886				6.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 22779

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2009 02:14 Calibration End Date: 11/16/2009 04:19 Calibration ID: 4071

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-22779/4	z5845.d
Level 2	IC 460-22779/7	z5848.d
Level 3	IC 460-22779/6	z5847.d
Level 4	ICIS 460-22779/2	z5843.d
Level 5	IC 460-22779/5	z5846.d
Level 6	IC 460-22779/3	z5844.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	21654 490517	40473	68020	199640	331450	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	39768 890175	81122	136630	354070	592774	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD	CRY	Ave	+++++ +++++	+++++	+++++	721	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Benzaldehyde	DCB	Ave	19634 +++++	20634	38503	99504	42602	5.00 +++++	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	51097 1150301	109152	180182	491666	856596	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	54541 1141779	95835	152962	398512	647873	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	3596 979510	77997	127645	341768	562496	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	46677 969850	88519	145423	383033	661802	5.00 120	10.0	20.0	50.0	80.0
n-Decane	DCB	Ave	36353 688149	68076	116227	286971	439127	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	54013 1138847	104172	175142	464791	770747	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	55060 1108884	102702	175165	473535	760717	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	51112 1028367	97359	159008	423446	708659	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	22623 581466	46331	80277	217980	382623	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	44030 741136	81168	128872	325518	526558	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	37844 794163	68958	111647	298637	531688	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 22779

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2009 02:14 Calibration End Date: 11/16/2009 04:19 Calibration ID: 4071

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Toluidine	DCB	Ave	57463 1246537	110369	188726	476517	860349	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	58185 1194564	109163	180393	462027	830140	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	2617 505129	53000	84278	215822	359759	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	41389 801130	77847	130276	317347	551013	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	40633 788137	77028	126892	317347	551013	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	2191 378955	42655	70063	183544	298683	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	6336 1083899	113336	190446	488479	796469	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	7887 1302724	128738	212909	540290	903842	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	74211 1624617	139951	225060	606442	1080726	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	22380 537048	42889	71571	199606	350681	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	38221 764750	70018	113270	291132	535471	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	44939 920860	83651	139213	368808	636356	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	34611 729731	64887	104879	268678	493389	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	LinF	9573 405828	22953	45292	129807	286681	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	4154 840782	77852	128515	333828	599079	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	127531 2485922	242561	389836	1029741	1778023	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	42271 986653	90779	142703	377514	690055	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	5370 510808	48827	80354	208277	363345	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	8415 240372	18549	31233	76836	159640	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	34060 729607	64638	102448	277906	488487	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	80237 1605718	147263	238270	617487	1119250	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 22779

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2009 02:14 Calibration End Date: 11/16/2009 04:19 Calibration ID: 4071

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1-Methylnaphthalene	NPT	Ave	76239 1617702	144453	232567	603504	1101948	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	20745 595543	38976	71861	196328	397181	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	56440 1148005	102535	168956	427332	784494	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	22688 598730	43365	69994	194621	358308	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	24188 536476	44776	73876	200668	386738	5.00 120	10.0	20.0	50.0	80.0
1,1'-Biphenyl	ANT	Ave	95418 1749393	175491	282667	706173	1244192	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	73556 1397269	136686	214680	566611	1008641	5.00 120	10.0	20.0	50.0	80.0
Phenyl ether	ANT	Ave	51266 1056293	96183	154864	411570	746201	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	43592 444935	41228	67546	183282	309295	10.0 120	10.0	20.0	50.0	80.0
1,3-Dimethylnaphthalene	ANT	Ave	61561 1233319	111368	180507	472649	868245	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	23232 564721	46336	78675	205220	378775	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	80097 1595727	148921	237245	623510	1167825	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	3130 394648	32916	54015	147584	277217	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	116559 2357295	214004	347368	918176	1667900	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	35265 409151	34678	55449	158271	284628	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	66391 1388744	126589	203374	545397	981824	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	67992 1443928	125475	211274	530582	993959	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	17638 249368	24359	36535	73116	160031	15.0 120	20.0	30.0	50.0	80.0
Dibenzofuran	ANT	Ave	99951 1999788	183803	291346	768967	1425301	5.00 120	10.0	20.0	50.0	80.0
4-Nitrophenol	ANT	Ave	34104 314985	44236	62228	107349	209640	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	4530 517103	43470	71475	193765	357065	1.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 22779

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2009 02:14 Calibration End Date: 11/16/2009 04:19 Calibration ID: 4071

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Naphthylamine	ANT	Ave	63007 1269348	118940	184819	415137	903835	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	77984 1633901	148403	237388	633152	1176049	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	76279 1609129	145667	233845	630012	1144469	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	39081 808037	73106	116481	309679	578837	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	30226 367829	32078	52688	142032	270381	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	30998 273339	38985	54259	99438	204218	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	48758 1145834	103327	160198	413631	795190	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	86509 1777423	160180	255483	669105	1309344	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	21298 505999	41971	66611	182388	344420	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	2257 514861	42907	69791	186110	360798	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	18528 411235	36261	58676	145877	287552	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	33267 346755	43199	61587	108942	216549	15.0 120	20.0	30.0	50.0	80.0
n-Octadecane	PHN	Ave	41259 744588	77427	123934	301312	525374	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	97288 2162967	193008	307514	819963	1519139	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	97321 2170893	199749	317518	821943	1511751	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	83017 1894568	168661	274539	714880	1306851	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	104478 2442570	218388	359084	932414	1700191	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	84935 2061395	183141	308420	803735	1417222	5.00 120	10.0	20.0	50.0	80.0
Benzidine	PHN	Ave	5451 +++++	83259	86514	36011	20410	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	89412 2009480	184252	307483	782119	1372196	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	32692 849368	74381	131190	338584	567710	5.00 120	10.0	20.0	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-7904-1 Analy Batch No.: 22779

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/16/2009 02:14 Calibration End Date: 11/16/2009 04:19 Calibration ID: 4071

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbamazepine	CRY	LinF	13028 598167	37388	80860	201584	369685	5.00 120	10.0	20.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	6523 1441528	127695	223212	571352	957058	0.500 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	27912 326561	71031	97159	145624	218409	10.0 120	20.0	30.0	50.0	80.0
Chrysene	CRY	Ave	57974 1295321	129141	228967	531358	870055	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	41844 1129939	97036	170296	447173	764529	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	LinF	41705 1512347	108733	222159	595137	1005066	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	LinF	2156 877219	72918	139984	354499	564462	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	3417 995093	95599	175457	396544	613683	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	LinF	1611 744154	60175	118034	286082	462899	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	LinF	950 547651	35476	78150	190362	336449	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	LinF	967 585779	42707	86366	222725	362664	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	18680 560190	44143	85963	215745	349811	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	38880 872897	74024	128202	331718	581378	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	48398 960282	86236	145729	362080	670551	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	44119 935073	84527	134869	366712	663281	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	88080 1803686	164139	254072	692353	1294927	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	10554 264452	19066	31702	87821	177660	5.00 120	10.0	20.0	50.0	80.0
Terphenyl-d14	CRY	Ave	69584 1678209	145761	233484	614562	1111585	5.00 120	10.0	20.0	50.0	80.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5843.d
Report Date: 16-Nov-2009 09:24

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5843.d
Lab Smp Id: ICIS-277594
Inj Date : 16-NOV-2009 02:14
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : ICIS-277594
Misc Info : 50 ppm bna 4425
Comment :
Method : /chem/BNAMS11.i/8270/11-16-09/16nov09.b/8270C_08SP.m
Meth Date : 16-Nov-2009 09:24 croccom Quant Type: ISTD
Cal Date : 16-NOV-2009 02:14 Cal File: z5843.d
Als bottle: 2 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.134	1.134	(0.338)	199640	50.0000	53
	71 Pyridine	79	1.152	1.152	(0.343)	354070	50.0000	50
$	16 2-Fluorophenol (SUR)	112	2.146	2.146	(0.639)	331718	50.0000	49
	110 Benzaldehyde	77	2.910	2.910	(0.867)	99504	50.0000	50
	73 Aniline	93	3.028	3.028	(0.902)	491666	50.0000	52
$	17 Phenol-d5 (SUR)	99	3.046	3.046	(0.907)	362080	50.0000	47
	1 Phenol	94	3.057	3.057	(0.911)	398512	50.0000	47
	20 bis(2-Chloroethyl)ether	93	3.110	3.110	(0.926)	341768	50.0000	50
	2 2-Chlorophenol	128	3.152	3.152	(0.939)	383033	50.0000	49
	113 n-decane	43	3.228	3.228	(0.961)	286971	50.0000	49
	21 1,3-Dichlorobenzene	146	3.299	3.299	(0.982)	464791	50.0000	50
*	79 1,4-Dichlorobenzene-d4	152	3.357	3.357	(1.000)	228017	40.0000	
	22 1,4-Dichlorobenzene	146	3.375	3.375	(1.005)	473535	50.0000	51
	74 Benzyl Alcohol	108	3.534	3.534	(1.053)	217980	50.0000	51
	23 1,2-Dichlorobenzene	146	3.528	3.528	(1.051)	423446	50.0000	50

Data File: /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5843.d
Report Date: 16-Nov-2009 09:24

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	==========	====	==	======	======	========	=======	=======
24	bis (2-chloroisopropyl) ether	45	3.669	3.669	(1.093)	325518	50.0000	48
3	2-Methylphenol	108	3.681	3.681	(1.096)	298637	50.0000	48
126	O-Toluidine	107	3.787	3.787	(1.128)	476517	50.0000	48
104	Acetophenone	105	3.799	3.799	(1.131)	462027	50.0000	48
25	N-Nitroso-di-n-propylamine	70	3.822	3.822	(1.138)	215822	50.0000	49
4	4-Methylphenol	108	3.846	3.846	(1.145)	317347	50.0000	48
123	3 & 4 Methylphenol	108	3.846	3.846	(1.145)	317347	50.0000	47
26	Hexachloroethane	117	3.875	3.875	(1.154)	183544	50.0000	51
$ 76	Nitrobenzene-d5 (SUR)	82	3.946	3.946	(0.846)	366712	50.0000	50
27	Nitrobenzene	77	3.969	3.969	(0.851)	488479	50.0000	50
107	N,N-Dimethylaniline	120	3.975	3.975	(1.184)	540290	50.0000	47
28	Isophorone	82	4.216	4.216	(0.904)	606442	50.0000	49
5	2-Nitrophenol	139	4.287	4.287	(0.919)	199606	50.0000	51
6	2,4-Dimethylphenol	122	4.381	4.381	(0.939)	291132	50.0000	48
29	bis(2-Chloroethoxy)methane	93	4.463	4.463	(0.957)	368808	50.0000	50
15	Benzoic Acid	122	4.563	4.563	(0.979)	129807	50.0000	42(MH)
7	2,4-Dichlorophenol	162	4.551	4.551	(0.976)	268678	50.0000	48
30	1,2,4-Trichlorobenzene	180	4.616	4.616	(0.990)	333828	50.0000	49
* 80	Naphthalene-d8	136	4.663	4.663	(1.000)	796285	40.0000	
31	Naphthalene	128	4.687	4.687	(1.005)	1029741	50.0000	50
32	4-Chloroaniline	127	4.769	4.769	(1.023)	377514	50.0000	50
33	Hexachlorobutadiene	225	4.834	4.834	(1.037)	208277	50.0000	49
111	Caprolactam	113	5.157	5.157	(1.106)	76836	50.0000	46
8	4-Chloro-3-methylphenol	107	5.304	5.304	(1.137)	277906	50.0000	50
34	2-Methylnaphthalene	142	5.387	5.387	(1.155)	617487	50.0000	48
120	1-Methylnaphthalene	142	5.481	5.481	(1.175)	603504	50.0000	48
35	Hexachlorocyclopentadiene	237	5.557	5.557	(0.867)	196328	50.0000	51
121	2-tert-Butyl-4-methylphenol	149	5.651	5.651	(1.212)	427332	50.0000	48
9	2,4,6-Trichlorophenol	196	5.693	5.693	(0.888)	194621	50.0000	50
10	2,4,5-Trichlorophenol	196	5.734	5.734	(0.894)	200668	50.0000	51
$ 77	2-Fluorobiphenyl (SUR)	172	5.775	5.775	(0.901)	692353	50.0000	50
36	2-Chloronaphthalene	162	5.869	5.869	(0.916)	566611	50.0000	50
102	Diphenyl	154	5.863	5.863	(0.915)	706173	50.0000	49
103	Diphenyl Ether	170	5.975	5.975	(0.932)	411570	50.0000	51
37	2-Nitroaniline	65	5.992	5.992	(0.935)	183282	50.0000	53
125	1,3-Dimethylnaphthalene	156	6.093	6.093	(0.950)	472649	50.0000	50
114	Coumarin	146	6.187	6.187	(1.327)	205220	50.0000	49
38	Dimethylphthalate	163	6.198	6.198	(0.967)	623510	50.0000	50
40	2,6-Dinitrotoluene	165	6.245	6.245	(0.974)	147584	50.0000	52
39	Acenaphthylene	152	6.269	6.269	(0.978)	918176	50.0000	50
41	3-Nitroaniline	138	6.404	6.404	(0.999)	158271	50.0000	53
* 82	Acenaphthene-d10	164	6.410	6.410	(1.000)	399272	40.0000	
42	Acenaphthene	154	6.445	6.445	(1.006)	545397	50.0000	51
122	2,6-Di-tert-butyl-p-cresol	205	6.481	6.481	(1.011)	530582	50.0000	49
11	2,4-Dinitrophenol	184	6.510	6.510	(1.016)	73116	50.0000	50
12	4-Nitrophenol	65	6.616	6.616	(1.032)	107349	50.0000	51
43	Dibenzofuran	168	6.616	6.616	(1.032)	768967	50.0000	50

Data File: /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5843.d
Report Date: 16-Nov-2009 09:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	44 2,4-Dinitrotoluene	165	6.634	6.634	(1.035)	193765	50.0000	51
	127 1-Naphthylamine	143	6.698	6.698	(1.045)	446940	50.0000	48
	128 2-Naphthylamine	143	6.775	6.775	(1.057)	415137	50.0000	43
	45 Diethylphthalate	149	6.892	6.892	(1.075)	633152	50.0000	50
	47 Fluorene	166	6.945	6.945	(1.083)	630012	50.0000	51
	46 4-Chlorophenyl-phenylether	204	6.969	6.969	(1.087)	309679	50.0000	50
	48 4-Nitroaniline	138	7.004	7.004	(1.093)	142032	50.0000	52
	13 4,6-Dinitro-2-methylphenol	198	7.034	7.034	(0.896)	99438	50.0000	52
	49 N-Nitrosodiphenylamine	169	7.092	7.092	(0.903)	413631	50.0000	49
	75 1,2-Diphenylhydrazine	77	7.122	7.122	(0.907)	669105	50.0000	49
$	18 2,4,6-Tribromophenol (SUR)	330	7.187	7.187	(1.121)	87821	50.0000	50
	50 4-Bromophenyl-phenylether	248	7.439	7.439	(0.948)	182388	50.0000	50
	51 Hexachlorobenzene	284	7.487	7.487	(0.954)	186110	50.0000	50
	112 Atrazine	200	7.639	7.639	(0.973)	145877	50.0000	48
	14 Pentachlorophenol	266	7.687	7.687	(0.979)	108942	50.0000	51
	115 n-Octadecane	57	7.828	7.828	(0.997)	301312	50.0000	49
*	83 Phenanthrene-d10	188	7.851	7.851	(1.000)	590674	40.0000	
	52 Phenanthrene	178	7.875	7.875	(1.003)	819963	50.0000	50
	53 Anthracene	178	7.922	7.922	(1.009)	821943	50.0000	50
	54 Carbazole	167	8.098	8.098	(1.031)	714880	50.0000	50
	55 Di-n-butylphthalate	149	8.481	8.481	(1.080)	932414	50.0000	51
	56 Fluoranthene	202	9.022	9.022	(1.149)	803735	50.0000	52
	58 Benzidine	184	9.181	9.181	(1.169)	36011	50.0000	21
	57 Pyrene	202	9.233	9.233	(0.886)	782119	50.0000	50
$	78 Terphenyl-d14	244	9.422	9.422	(0.904)	614562	50.0000	49
	59 Butylbenzylphthalate	149	9.922	9.922	(0.952)	338584	50.0000	52
	109 2,3,7,8-TCDD (Screen)	320	9.980	9.980	(0.958)	721	0.50000	0.50
	124 Carbamazepine	193	9.998	9.998	(0.959)	201584	50.0000	44
	61 Benzo(a)anthracene	228	10.410	10.410	(0.999)	571352	50.0000	51
	60 3,3'-Dichlorobenzidine	252	10.410	10.410	(0.999)	145624	50.0000	52
*	81 Chrysene-d12	240	10.422	10.422	(1.000)	419936	40.0000	
	62 Chrysene	228	10.451	10.451	(1.003)	531358	50.0000	50
	63 bis(2-Ethylhexyl)phthalate	149	10.522	10.522	(1.010)	447173	50.0000	53
	64 Di-n-octylphthalate	149	11.239	11.239	(0.934)	595137	50.0000	50
	65 Benzo(b)fluoranthene	252	11.586	11.586	(0.963)	354499	50.0000	52
	66 Benzo(k)fluoranthene	252	11.622	11.622	(0.966)	396544	50.0000	54
	67 Benzo(a)pyrene	252	11.963	11.963	(0.994)	286082	50.0000	50
*	84 Perylene-d12	264	12.033	12.033	(1.000)	212274	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.321	13.321	(1.107)	190362	50.0000	46
	69 Dibenz(a,h)anthracene	278	13.363	13.363	(1.110)	222725	50.0000	50
	70 Benzo(g,h,i)perylene	276	13.633	13.633	(1.133)	215745	50.0000	56

QC Flag Legend

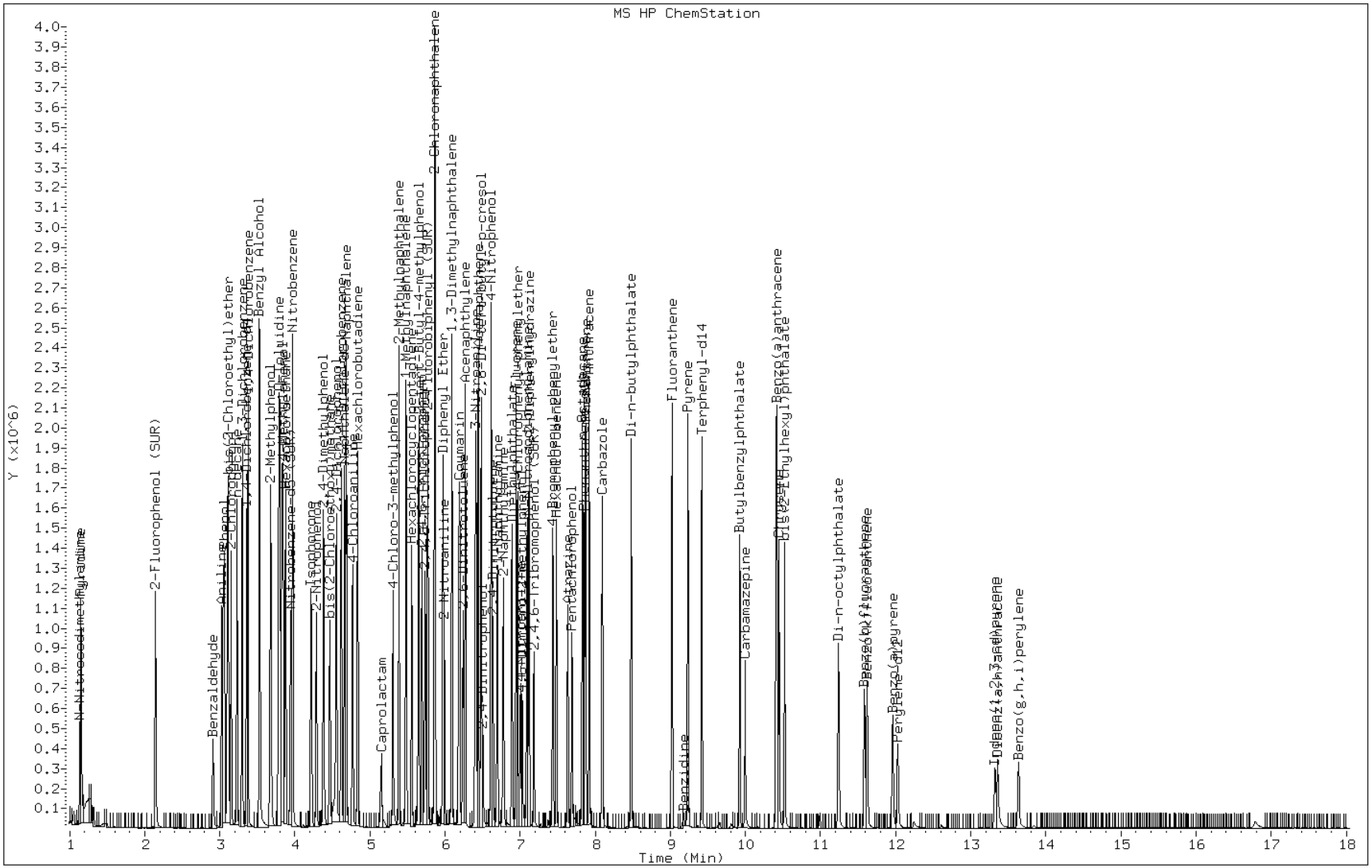
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z5843.d

Date: 16-NOV-2009 02:14

Client ID: Instrument: BNAMS11.i

Sample Info: ICIS-277594 Operator: BNAMS 4



Manual Integration Report

Data File: z5843.d
Inj. Date and Time: 16-NOV-2009 02:14
Instrument ID: BNAMS11.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 11/16/2009

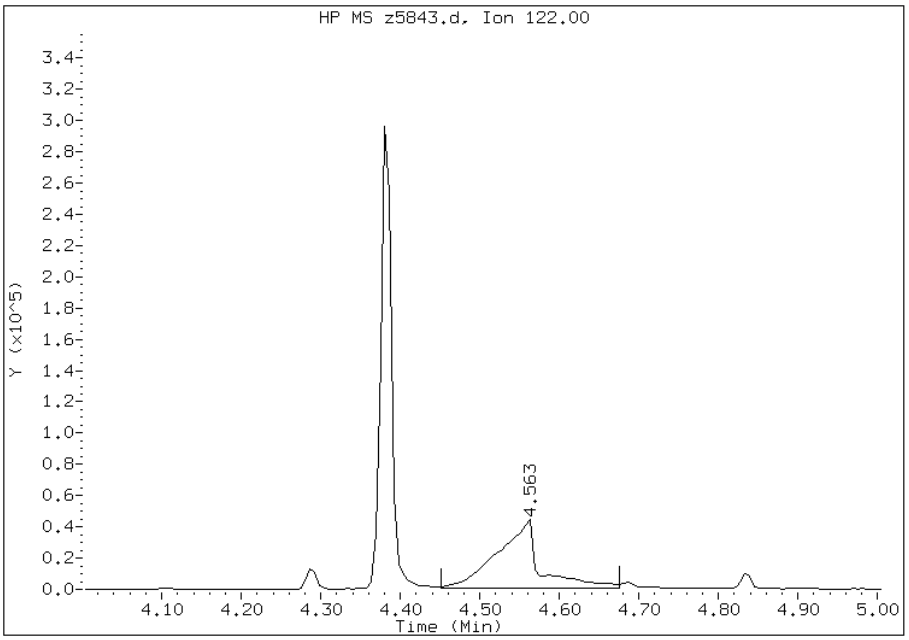
Processing Integration Results

RT: 4.56

Response: 159830

Amount: 50

Conc: 50



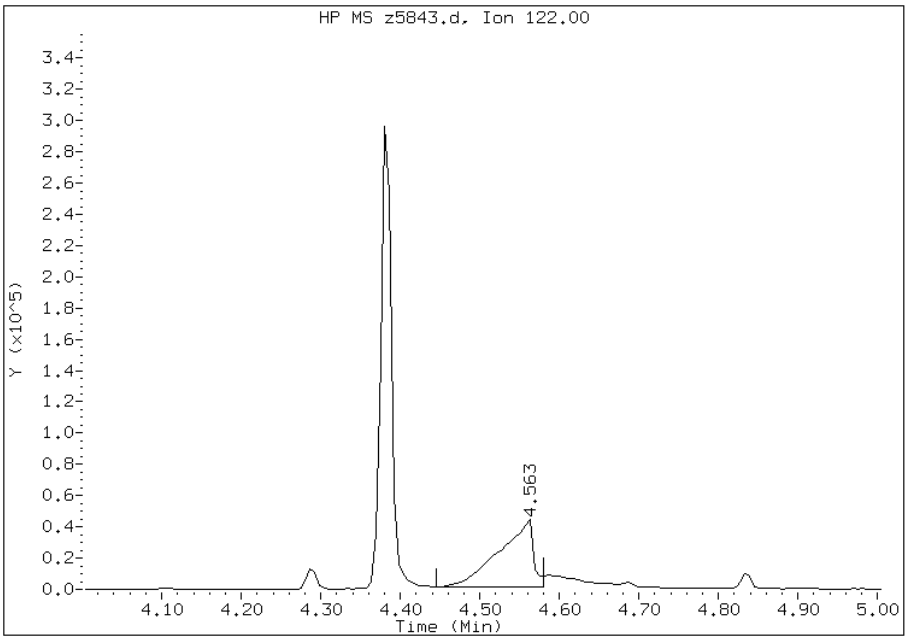
Manual Integration Results

RT: 4.56

Response: 129807

Amount: 42

Conc: 42



Manually Integrated By: wahied
Manual Integration Reason: Peak Tailing or Fronting

Data File: /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5844.d
Report Date: 16-Nov-2009 09:24

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5844.d
Lab Smp Id: IC-277682
Inj Date : 16-NOV-2009 02:42
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-277682
Misc Info : 120 ppm bna 4425
Comment :
Method : /chem/BNAMS11.i/8270/11-16-09/16nov09.b/8270C_08SP.m
Meth Date : 16-Nov-2009 09:24 croccom Quant Type: ISTD
Cal Date : 16-NOV-2009 02:42 Cal File: z5844.d
Als bottle: 3 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.246	1.246	(0.370)	490517	120.000	120(AH)
	71 Pyridine	79	1.263	1.263	(0.375)	890175	120.000	120(MH)
$	16 2-Fluorophenol (SUR)	112	2.198	2.198	(0.653)	872897	120.000	120(A)
	110 Benzaldehyde	77	2.934	2.934	(0.871)	17116	120.000	8.1
	73 Aniline	93	3.051	3.051	(0.906)	1150301	120.000	110
$	17 Phenol-d5 (SUR)	99	3.081	3.081	(0.914)	960282	120.000	120
	1 Phenol	94	3.092	3.092	(0.918)	1141779	120.000	130(A)
	20 bis(2-Chloroethyl)ether	93	3.140	3.140	(0.932)	979510	120.000	130(A)
	2 2-Chlorophenol	128	3.181	3.181	(0.944)	969850	120.000	120
	113 n-decane	43	3.240	3.240	(0.962)	688149	120.000	110
	21 1,3-Dichlorobenzene	146	3.316	3.316	(0.984)	1138847	120.000	120
*	79 1,4-Dichlorobenzene-d4	152	3.369	3.369	(1.000)	243823	40.0000	
	22 1,4-Dichlorobenzene	146	3.392	3.392	(1.007)	1108884	120.000	110
	74 Benzyl Alcohol	108	3.557	3.557	(1.056)	581466	120.000	130(A)
	23 1,2-Dichlorobenzene	146	3.545	3.545	(1.052)	1028367	120.000	110

Data File: /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5844.d
Report Date: 16-Nov-2009 09:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	24 bis (2-chloroisopropyl) ether	45	3.681	3.681	(1.093)	741136	120.000	100
	3 2-Methylphenol	108	3.704	3.704	(1.100)	794163	120.000	120
	126 O-Toluidine	107	3.804	3.804	(1.129)	1246537	120.000	120
	104 Acetophenone	105	3.828	3.828	(1.136)	1194564	120.000	120
	25 N-Nitroso-di-n-propylamine	70	3.851	3.851	(1.143)	505129	120.000	110(MH)
	4 4-Methylphenol	108	3.875	3.875	(1.150)	788137	120.000	110
	123 3 & 4 Methylphenol	108	3.875	3.875	(1.150)	801130	120.000	110
	26 Hexachloroethane	117	3.881	3.881	(1.152)	378955	120.000	99
$	76 Nitrobenzene-d5 (SUR)	82	3.969	3.969	(0.849)	935073	120.000	120
	27 Nitrobenzene	77	3.992	3.992	(0.854)	1083899	120.000	100
	107 N,N-Dimethylaniline	120	3.998	3.998	(1.187)	1302724	120.000	110
	28 Isophorone	82	4.239	4.239	(0.907)	1624617	120.000	120(A)
	5 2-Nitrophenol	139	4.304	4.304	(0.921)	537048	120.000	130(A)
	6 2,4-Dimethylphenol	122	4.404	4.404	(0.942)	764750	120.000	120
	29 bis(2-Chloroethoxy)methane	93	4.481	4.481	(0.958)	920860	120.000	120
	15 Benzoic Acid	122	4.645	4.645	(0.994)	405828	120.000	120(A)
	7 2,4-Dichlorophenol	162	4.569	4.569	(0.977)	729731	120.000	120
	30 1,2,4-Trichlorobenzene	180	4.628	4.628	(0.990)	840782	120.000	110
*	80 Naphthalene-d8	136	4.675	4.675	(1.000)	866134	40.0000	
	31 Naphthalene	128	4.698	4.698	(1.005)	2485922	120.000	110
	32 4-Chloroaniline	127	4.781	4.781	(1.023)	986653	120.000	120
	33 Hexachlorobutadiene	225	4.839	4.839	(1.035)	510808	120.000	110
	111 Caprolactam	113	5.245	5.245	(1.122)	240372	120.000	130(AH)
	8 4-Chloro-3-methylphenol	107	5.328	5.328	(1.140)	729607	120.000	120
	34 2-Methylnaphthalene	142	5.398	5.398	(1.155)	1605718	120.000	120
	120 1-Methylnaphthalene	142	5.492	5.492	(1.175)	1617702	120.000	120
	35 Hexachlorocyclopentadiene	237	5.563	5.563	(0.867)	595543	120.000	140(A)
	121 2-tert-Butyl-4-methylphenol	149	5.663	5.663	(1.211)	1148005	120.000	120
	9 2,4,6-Trichlorophenol	196	5.704	5.704	(0.889)	598730	120.000	140(A)
	10 2,4,5-Trichlorophenol	196	5.757	5.757	(0.897)	536476	120.000	120
$	77 2-Fluorobiphenyl (SUR)	172	5.781	5.781	(0.901)	1803686	120.000	120
	36 2-Chloronaphthalene	162	5.881	5.881	(0.917)	1397269	120.000	110
	102 Diphenyl	154	5.875	5.875	(0.916)	1749393	120.000	110
	103 Diphenyl Ether	170	5.981	5.981	(0.932)	1056293	120.000	110
	37 2-Nitroaniline	65	6.010	6.010	(0.937)	444935	120.000	110
	125 1,3-Dimethylnaphthalene	156	6.104	6.104	(0.951)	1233319	120.000	110
	114 Coumarin	146	6.204	6.204	(1.327)	564721	120.000	120(A)
	38 Dimethylphthalate	163	6.216	6.216	(0.969)	1595727	120.000	110
	40 2,6-Dinitrotoluene	165	6.263	6.263	(0.976)	394648	120.000	120(A)
	39 Acenaphthylene	152	6.280	6.280	(0.979)	2357295	120.000	110
	41 3-Nitroaniline	138	6.422	6.422	(1.001)	409151	120.000	120(A)
*	82 Acenaphthene-d10	164	6.416	6.416	(1.000)	452946	40.0000	
	42 Acenaphthene	154	6.457	6.457	(1.006)	1388744	120.000	110
	122 2,6-Di-tert-butyl-p-cresol	205	6.486	6.486	(1.011)	1443928	120.000	120
	11 2,4-Dinitrophenol	184	6.528	6.528	(1.017)	249368	120.000	120
	12 4-Nitrophenol	65	6.639	6.639	(1.035)	314985	120.000	130(AM)
	43 Dibenzofuran	168	6.628	6.628	(1.033)	1999788	120.000	110

Data File: /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5844.d
Report Date: 16-Nov-2009 09:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	44 2,4-Dinitrotoluene	165	6.657	6.657	(1.038)	517103	120.000	120(A)
	127 1-Naphthylamine	143	6.710	6.710	(1.046)	1210482	120.000	110
	128 2-Naphthylamine	143	6.792	6.792	(1.059)	1269348	120.000	120
	45 Diethylphthalate	149	6.910	6.910	(1.077)	1633901	120.000	110
	47 Fluorene	166	6.957	6.957	(1.084)	1609129	120.000	120
	46 4-Chlorophenyl-phenylether	204	6.975	6.975	(1.087)	808037	120.000	120
	48 4-Nitroaniline	138	7.033	7.033	(1.096)	367829	120.000	120
	13 4,6-Dinitro-2-methylphenol	198	7.057	7.057	(0.898)	273339	120.000	120(A)
	49 N-Nitrosodiphenylamine	169	7.104	7.104	(0.904)	1145834	120.000	120
	75 1,2-Diphenylhydrazine	77	7.133	7.133	(0.908)	1777423	120.000	110
$	18 2,4,6-Tribromophenol (SUR)	330	7.198	7.198	(1.122)	264452	120.000	130(A)
	50 4-Bromophenyl-phenylether	248	7.445	7.445	(0.948)	505999	120.000	120(A)
	51 Hexachlorobenzene	284	7.498	7.498	(0.954)	514861	120.000	120
	112 Atrazine	200	7.657	7.657	(0.975)	411235	120.000	120
	14 Pentachlorophenol	266	7.698	7.698	(0.980)	346755	120.000	140(A)
	115 n-Octadecane	57	7.833	7.833	(0.997)	744588	120.000	100
*	83 Phenanthrene-d10	188	7.857	7.857	(1.000)	678905	40.0000	
	52 Phenanthrene	178	7.886	7.886	(1.004)	2162967	120.000	120
	53 Anthracene	178	7.933	7.933	(1.010)	2170893	120.000	120
	54 Carbazole	167	8.110	8.110	(1.032)	1894568	120.000	120
	55 Di-n-butylphthalate	149	8.486	8.486	(1.080)	2442570	120.000	120
	56 Fluoranthene	202	9.033	9.033	(1.150)	2061395	120.000	120
	58 Benzidine	184	9.186	9.186	(1.169)	37200	120.000	19
	57 Pyrene	202	9.245	9.245	(0.887)	2009480	120.000	120(A)
$	78 Terphenyl-d14	244	9.427	9.427	(0.904)	1678209	120.000	130(A)
	59 Butylbenzylphthalate	149	9.927	9.927	(0.952)	849368	120.000	120(A)
	124 Carbamazepine	193	10.010	10.010	(0.960)	598167	120.000	120(A)
	61 Benzo(a)anthracene	228	10.416	10.416	(0.999)	1441528	120.000	120(A)
	60 3,3'-Dichlorobenzidine	252	10.416	10.416	(0.999)	326561	120.000	110
*	81 Chrysene-d12	240	10.427	10.427	(1.000)	439837	40.0000	
	62 Chrysene	228	10.457	10.457	(1.003)	1295321	120.000	120
	63 bis(2-Ethylhexyl)phthalate	149	10.527	10.527	(1.010)	1129939	120.000	130(A)
	64 Di-n-octylphthalate	149	11.245	11.245	(0.934)	1512347	120.000	120
	65 Benzo(b)fluoranthene	252	11.598	11.598	(0.964)	877219	120.000	120
	66 Benzo(k)fluoranthene	252	11.633	11.633	(0.967)	995093	120.000	120(A)
	67 Benzo(a)pyrene	252	11.974	11.974	(0.995)	744154	120.000	120(A)
*	84 Perylene-d12	264	12.033	12.033	(1.000)	229045	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.333	13.333	(1.108)	547651	120.000	120(A)
	69 Dibenz(a,h)anthracene	278	13.368	13.368	(1.111)	585779	120.000	120(A)
	70 Benzo(g,h,i)perylene	276	13.651	13.651	(1.134)	560190	120.000	130(A)

QC Flag Legend

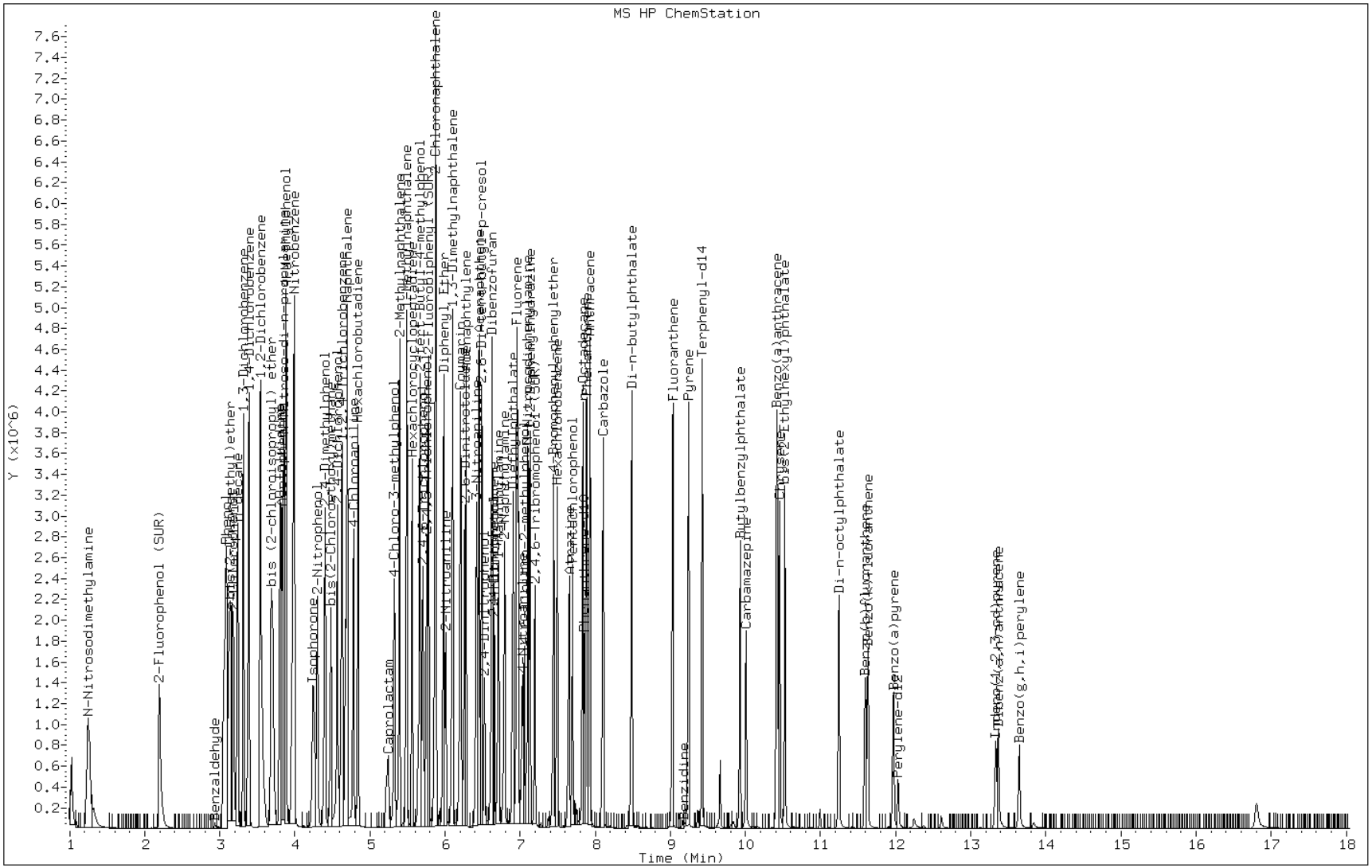
A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z5844.d

Date: 16-NOV-2009 02:42

Client ID: Instrument: BNAMS11.i

Sample Info: IC-277682 Operator: BNAMS 4



Manual Integration Report

Data File: z5844.d
Inj. Date and Time: 16-NOV-2009 02:42
Instrument ID: BNAMS11.i
Client ID:
Compound: 12 4-Nitrophenol
CAS #: 100-02-7
Report Date: 11/16/2009

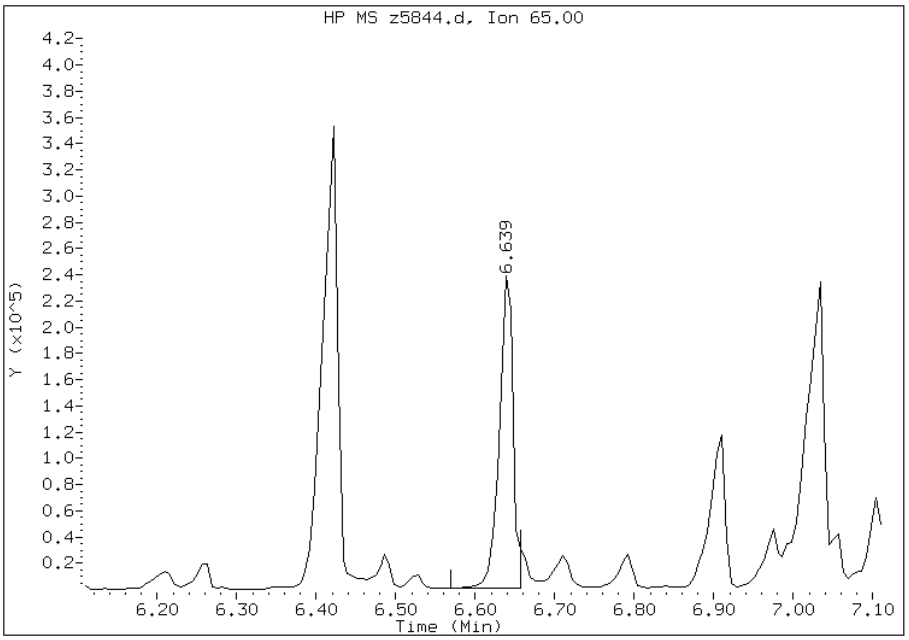
Processing Integration Results

RT: 6.64

Response: 301845

Amount: 127

Conc: 127



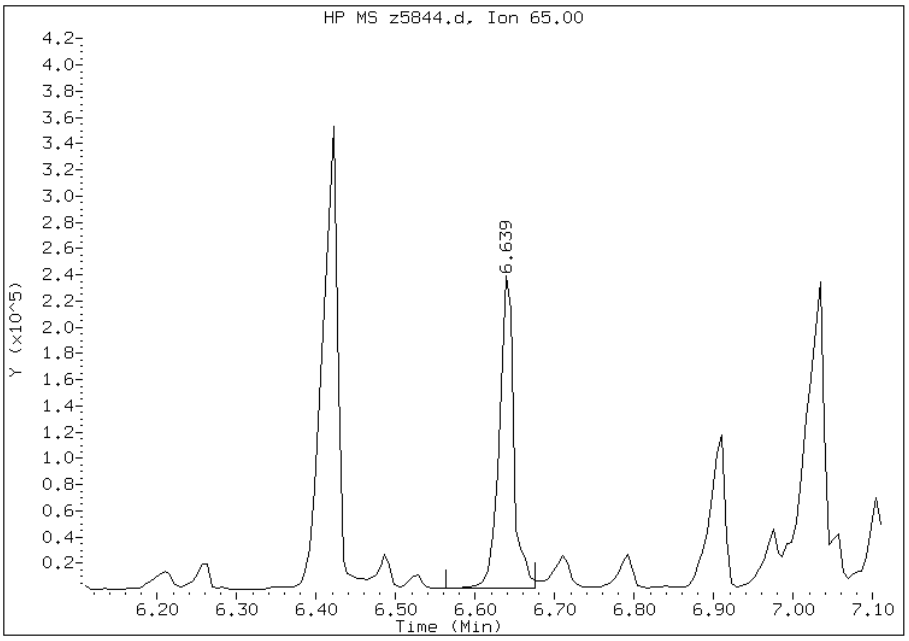
Manual Integration Results

RT: 6.64

Response: 314985

Amount: 132

Conc: 132



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: z5844.d
Inj. Date and Time: 16-NOV-2009 02:42
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 11/16/2009

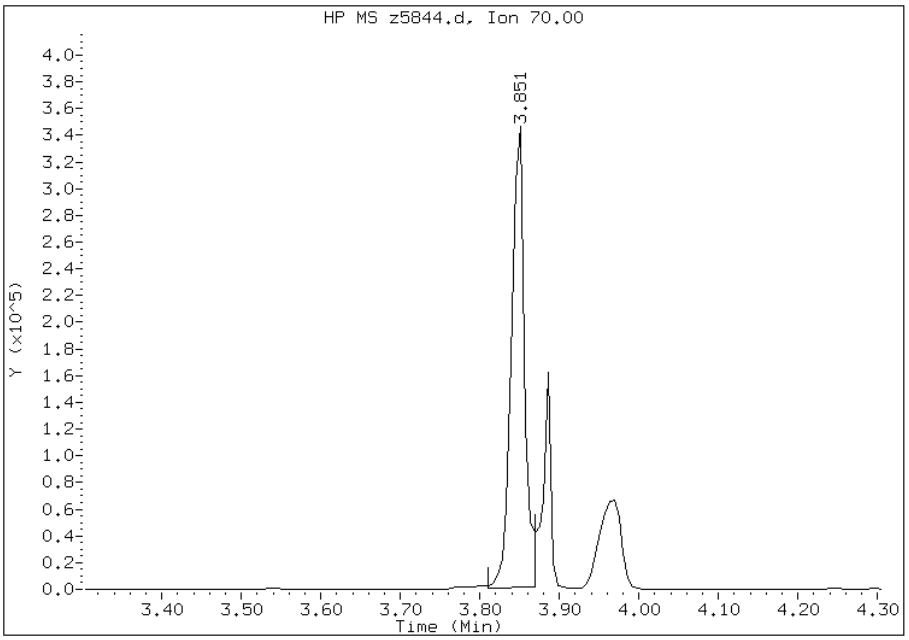
Processing Integration Results

RT: 3.85

Response: 397706

Amount: 88

Conc: 88



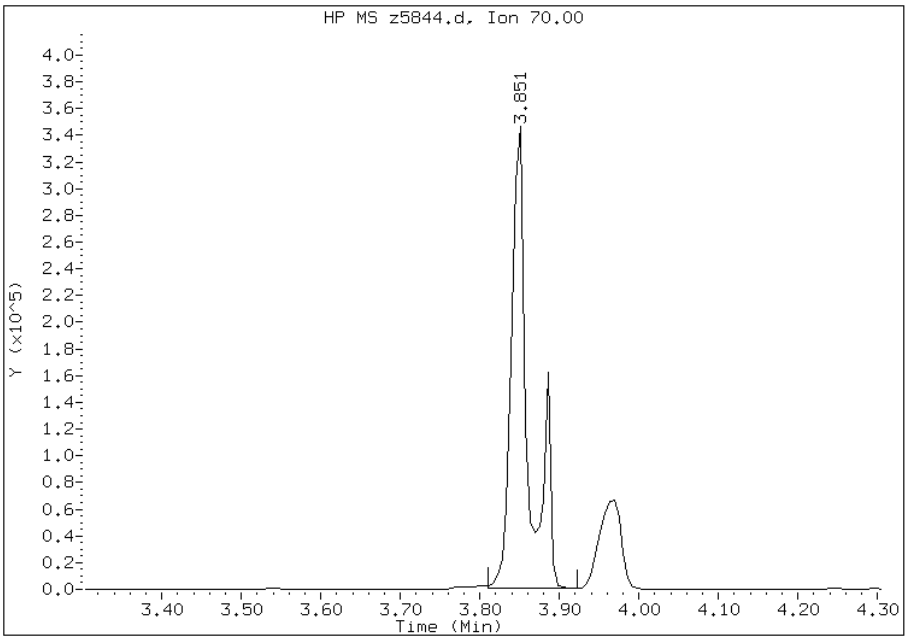
Manual Integration Results

RT: 3.85

Response: 505129

Amount: 108

Conc: 108



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: z5844.d
Inj. Date and Time: 16-NOV-2009 02:42
Instrument ID: BNAMS11.i
Client ID:
Compound: 71 Pyridine
CAS #: 110-86-1
Report Date: 11/16/2009

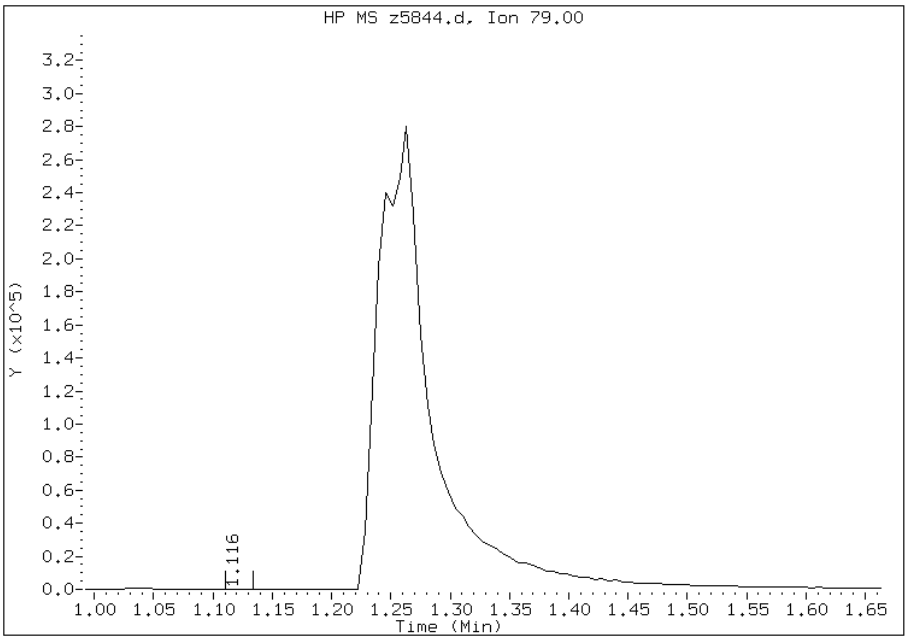
Processing Integration Results

RT: 1.12

Response: 119

Amount: 0

Conc: 0



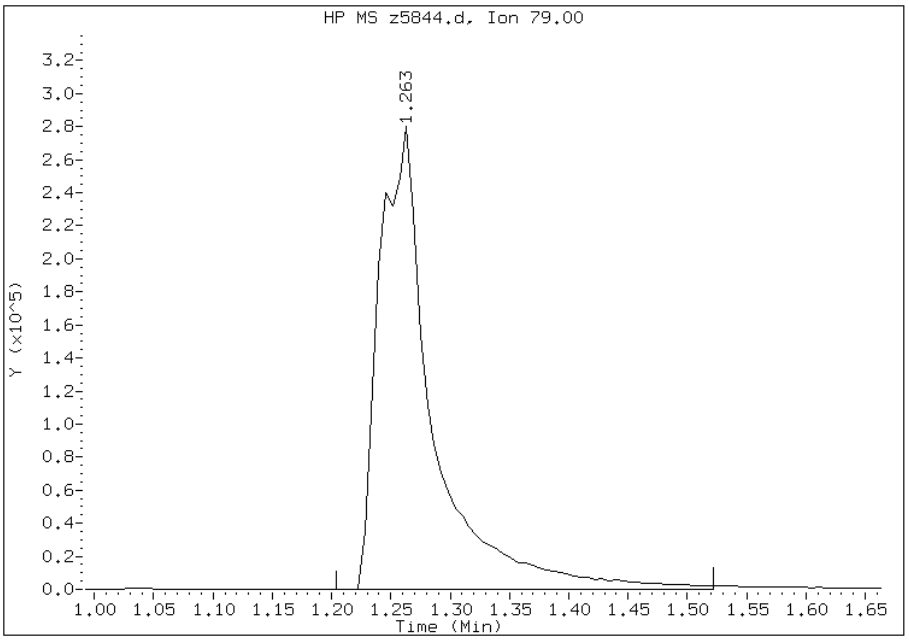
Manual Integration Results

RT: 1.26

Response: 890175

Amount: 118

Conc: 118



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Data File: /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5845.d
Report Date: 16-Nov-2009 09:24

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5845.d
Lab Smp Id: IC-277631
Inj Date : 16-NOV-2009 03:07
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-277631
Misc Info : 5 ppm bna 4425
Comment :
Method : /chem/BNAMS11.i/8270/11-16-09/16nov09.b/8270C_08SP.m
Meth Date : 16-Nov-2009 09:24 croccom Quant Type: ISTD
Cal Date : 16-NOV-2009 03:07 Cal File: z5845.d
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.146	1.146	(0.342)	21654	5.00000	5.0(H)
	71 Pyridine	79	1.169	1.169	(0.349)	39768	5.00000	4.9(aH)
$	16 2-Fluorophenol (SUR)	112	2.146	2.146	(0.640)	38880	5.00000	5.0
	110 Benzaldehyde	77	2.904	2.904	(0.867)	19634	5.00000	8.7
	73 Aniline	93	3.022	3.022	(0.902)	51097	5.00000	4.7(a)
$	17 Phenol-d5 (SUR)	99	3.028	3.028	(0.903)	48398	5.00000	5.5
	1 Phenol	94	3.046	3.046	(0.909)	54541	5.00000	5.6
	20 bis(2-Chloroethyl)ether	93	3.098	3.098	(0.925)	3596	0.50000	0.46(aMH)
	2 2-Chlorophenol	128	3.140	3.140	(0.937)	46677	5.00000	5.2
	113 n-decane	43	3.222	3.222	(0.961)	36353	5.00000	5.5
	21 1,3-Dichlorobenzene	146	3.293	3.293	(0.982)	54013	5.00000	5.1
*	79 1,4-Dichlorobenzene-d4	152	3.351	3.351	(1.000)	260239	40.0000	
	22 1,4-Dichlorobenzene	146	3.369	3.369	(1.005)	55060	5.00000	5.2
	74 Benzyl Alcohol	108	3.522	3.522	(1.051)	22623	5.00000	4.6(a)
	23 1,2-Dichlorobenzene	146	3.528	3.528	(1.053)	51112	5.00000	5.3

Data File: /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5845.d
Report Date: 16-Nov-2009 09:24

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	24 bis (2-chloroisopropyl) ether	45	3.669	3.669	(1.095)	44030	5.00000	5.7
	3 2-Methylphenol	108	3.669	3.669	(1.095)	37844	5.00000	5.4
	126 O-Toluidine	107	3.781	3.781	(1.128)	57463	5.00000	5.1
	104 Acetophenone	105	3.781	3.781	(1.128)	58185	5.00000	5.3(H)
	25 N-Nitroso-di-n-propylamine	70	3.804	3.804	(1.135)	2617	0.50000	0.52
	4 4-Methylphenol	108	3.834	3.834	(1.144)	40633	5.00000	5.4
	123 3 & 4 Methylphenol	108	3.834	3.834	(1.144)	41389	5.00000	5.4
	26 Hexachloroethane	117	3.869	3.869	(1.154)	2191	0.50000	0.54
$	76 Nitrobenzene-d5 (SUR)	82	3.934	3.934	(0.845)	44119	5.00000	5.1
	27 Nitrobenzene	77	3.951	3.951	(0.848)	6336	0.50000	0.56
	107 N,N-Dimethylaniline	120	3.975	3.975	(1.186)	7887	0.50000	0.61
	28 Isophorone	82	4.204	4.204	(0.903)	74211	5.00000	5.2
	5 2-Nitrophenol	139	4.287	4.287	(0.920)	22380	5.00000	4.9(a)
	6 2,4-Dimethylphenol	122	4.375	4.375	(0.939)	38221	5.00000	5.4
	29 bis(2-Chloroethoxy)methane	93	4.457	4.457	(0.957)	44939	5.00000	5.2
	15 Benzoic Acid	122	4.487	4.487	(0.963)	9573	5.00000	2.7(aMH)
	7 2,4-Dichlorophenol	162	4.545	4.545	(0.976)	34611	5.00000	5.3
	30 1,2,4-Trichlorobenzene	180	4.616	4.616	(0.991)	4154	0.50000	0.52
*	80 Naphthalene-d8	136	4.657	4.657	(1.000)	930706	40.0000	
	31 Naphthalene	128	4.681	4.681	(1.005)	127531	5.00000	5.3
	32 4-Chloroaniline	127	4.763	4.763	(1.023)	42271	5.00000	4.7(a)
	33 Hexachlorobutadiene	225	4.834	4.834	(1.038)	5370	1.00000	1.1
	111 Caprolactam	113	5.092	5.092	(1.093)	8415	5.00000	4.4(a)
	8 4-Chloro-3-methylphenol	107	5.292	5.292	(1.136)	34060	5.00000	5.2
	34 2-Methylnaphthalene	142	5.381	5.381	(1.155)	80237	5.00000	5.4
	120 1-Methylnaphthalene	142	5.481	5.481	(1.177)	76239	5.00000	5.2(a)
	35 Hexachlorocyclopentadiene	237	5.557	5.557	(0.867)	20745	5.00000	4.4(a)
	121 2-tert-Butyl-4-methylphenol	149	5.639	5.639	(1.211)	56440	5.00000	5.4
	9 2,4,6-Trichlorophenol	196	5.687	5.687	(0.887)	22688	5.00000	4.8(a)
	10 2,4,5-Trichlorophenol	196	5.728	5.728	(0.894)	24188	5.00000	5.0
$	77 2-Fluorobiphenyl (SUR)	172	5.763	5.763	(0.899)	88080	5.00000	5.2
	36 2-Chloronaphthalene	162	5.863	5.863	(0.915)	73556	5.00000	5.3
	102 Diphenyl	154	5.857	5.857	(0.914)	95418	5.00000	5.4
	103 Diphenyl Ether	170	5.969	5.969	(0.931)	51266	5.00000	5.1
	37 2-Nitroaniline	65	5.981	5.981	(0.933)	43592	10.0000	10
	125 1,3-Dimethylnaphthalene	156	6.087	6.087	(0.950)	61561	5.00000	5.3
	114 Coumarin	146	6.175	6.175	(1.326)	23232	5.00000	4.8(a)
	38 Dimethylphthalate	163	6.186	6.186	(0.965)	80097	5.00000	5.2
	40 2,6-Dinitrotoluene	165	6.234	6.234	(0.972)	3130	1.00000	0.90(a)
	39 Acenaphthylene	152	6.263	6.263	(0.977)	116559	5.00000	5.2
	41 3-Nitroaniline	138	6.392	6.392	(0.997)	35265	10.0000	9.6(a)
*	82 Acenaphthene-d10	164	6.410	6.410	(1.000)	490493	40.0000	
	42 Acenaphthene	154	6.434	6.434	(1.004)	66391	5.00000	5.1
	122 2,6-Di-tert-butyl-p-cresol	205	6.475	6.475	(1.010)	67992	5.00000	5.1
	11 2,4-Dinitrophenol	184	6.498	6.498	(1.014)	17638	15.0000	11(a)
	12 4-Nitrophenol	65	6.610	6.610	(1.031)	34104	15.0000	13(a)
	43 Dibenzofuran	168	6.610	6.610	(1.031)	99951	5.00000	5.3

Data File: /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5845.d
Report Date: 16-Nov-2009 09:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	44 2,4-Dinitrotoluene	165	6.628	6.628	(1.034)	4530	1.00000	0.98(a)
	127 1-Naphthylamine	143	6.686	6.686	(1.043)	62292	5.00000	5.4
	128 2-Naphthylamine	143	6.769	6.769	(1.056)	63007	5.00000	5.4
	45 Diethylphthalate	149	6.881	6.881	(1.073)	77984	5.00000	5.1
	47 Fluorene	166	6.939	6.939	(1.083)	76279	5.00000	5.0
	46 4-Chlorophenyl-phenylether	204	6.963	6.963	(1.086)	39081	5.00000	5.1
	48 4-Nitroaniline	138	6.986	6.986	(1.090)	30226	10.0000	9.0(a)
	13 4,6-Dinitro-2-methylphenol	198	7.016	7.016	(0.894)	30998	15.0000	14(a)
	49 N-Nitrosodiphenylamine	169	7.081	7.081	(0.903)	48758	5.00000	4.9(a)
	75 1,2-Diphenylhydrazine	77	7.110	7.110	(0.906)	86509	5.00000	5.4
$	18 2,4,6-Tribromophenol (SUR)	330	7.181	7.181	(1.120)	10554	5.00000	4.8(a)
	50 4-Bromophenyl-phenylether	248	7.433	7.433	(0.948)	21298	5.00000	5.0
	51 Hexachlorobenzene	284	7.481	7.481	(0.954)	2257	0.50000	0.51
	112 Atrazine	200	7.628	7.628	(0.972)	18528	5.00000	5.2
	14 Pentachlorophenol	266	7.681	7.681	(0.979)	33267	15.0000	13(a)
	115 n-Octadecane	57	7.822	7.822	(0.997)	41259	5.00000	5.6
*	83 Phenanthrene-d10	188	7.845	7.845	(1.000)	697814	40.0000	
	52 Phenanthrene	178	7.863	7.863	(1.002)	97288	5.00000	5.1
	53 Anthracene	178	7.916	7.916	(1.009)	97321	5.00000	5.0
	54 Carbazole	167	8.086	8.086	(1.031)	83017	5.00000	5.0
	55 Di-n-butylphthalate	149	8.475	8.475	(1.080)	104478	5.00000	4.8(a)
	56 Fluoranthene	202	9.016	9.016	(1.149)	84935	5.00000	4.7(a)
	58 Benzidine	184	9.180	9.180	(1.170)	5451	5.00000	2.7(a)
	57 Pyrene	202	9.227	9.227	(0.886)	89412	5.00000	5.1
$	78 Terphenyl-d14	244	9.416	9.416	(0.904)	69584	5.00000	5.0
	59 Butylbenzylphthalate	149	9.916	9.916	(0.952)	32692	5.00000	4.5(a)
	124 Carbamazepine	193	9.986	9.986	(0.959)	13028	5.00000	2.5(a)
	61 Benzo(a)anthracene	228	10.404	10.404	(0.999)	6523	0.50000	0.52
	60 3,3'-Dichlorobenzidine	252	10.410	10.410	(0.999)	27912	10.0000	9.0(a)
*	81 Chrysene-d12	240	10.416	10.416	(1.000)	470011	40.0000	
	62 Chrysene	228	10.439	10.439	(1.002)	57974	5.00000	4.9(a)
	63 bis(2-Ethylhexyl)phthalate	149	10.516	10.516	(1.010)	41844	5.00000	4.4(a)
	64 Di-n-octylphthalate	149	11.233	11.233	(0.934)	41705	5.00000	3.0(a)
	65 Benzo(b)fluoranthene	252	11.580	11.580	(0.963)	2156	0.50000	0.27(a)
	66 Benzo(k)fluoranthene	252	11.616	11.616	(0.966)	3417	0.50000	0.39(a)
	67 Benzo(a)pyrene	252	11.957	11.957	(0.994)	1611	0.50000	0.24(a)
*	84 Perylene-d12	264	12.027	12.027	(1.000)	250887	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.333	13.333	(1.109)	950	0.50000	0.19(a)
	69 Dibenz(a,h)anthracene	278	13.368	13.368	(1.111)	967	0.50000	0.18(a)
	70 Benzo(g,h,i)perylene	276	13.633	13.633	(1.133)	18680	5.00000	4.1(a)

QC Flag Legend

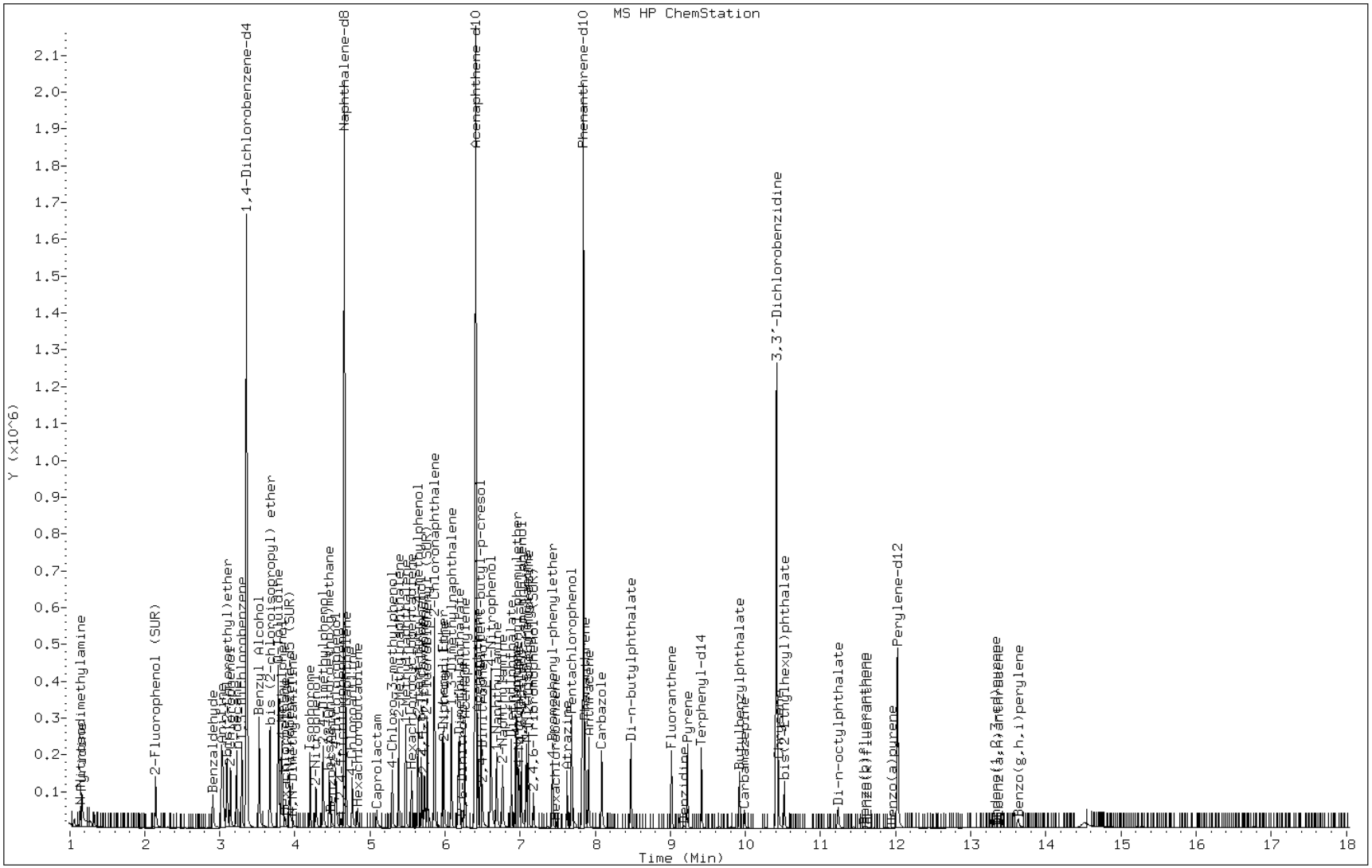
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z5845.d

Date: 16-NOV-2009 03:07

Client ID: Instrument: BNAMS11.i

Sample Info: IC-277631 Operator: BNAMS 4



Manual Integration Report

Data File: z5845.d
Inj. Date and Time: 16-NOV-2009 03:07
Instrument ID: BNAMS11.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 11/16/2009

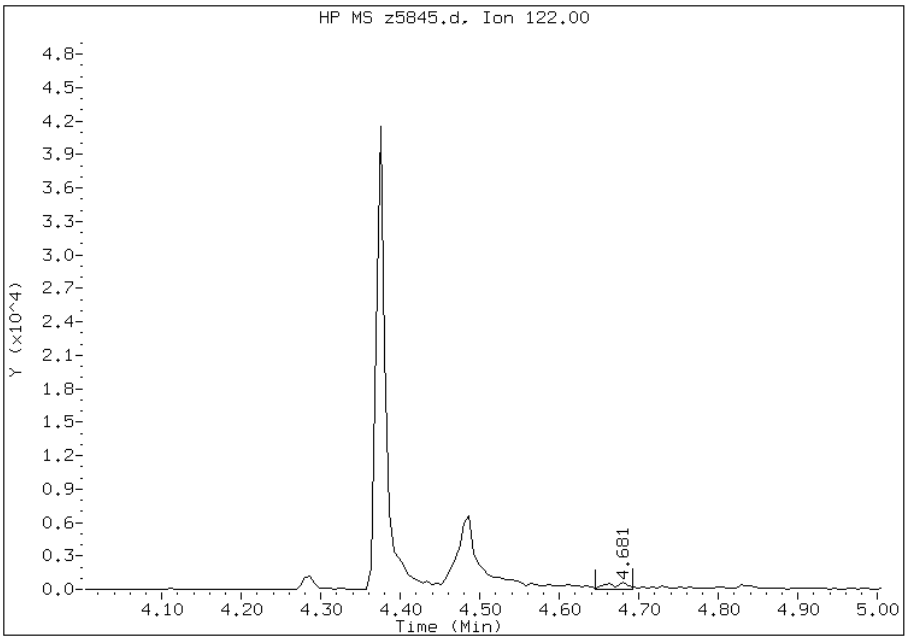
Processing Integration Results

RT: 4.68

Response: 1178

Amount: 1

Conc: 1



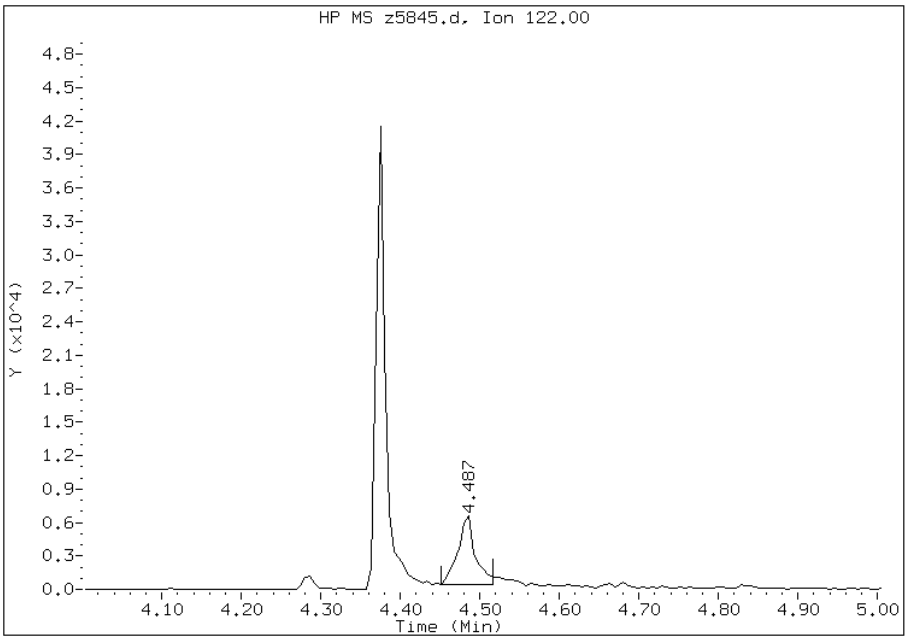
Manual Integration Results

RT: 4.49

Response: 9573

Amount: 3

Conc: 3



Manually Integrated By: wahied
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: z5845.d
Inj. Date and Time: 16-NOV-2009 03:07
Instrument ID: BNAMS11.i
Client ID:
Compound: 20 bis(2-Chloroethyl)ether
CAS #: 111-44-4
Report Date: 11/16/2009

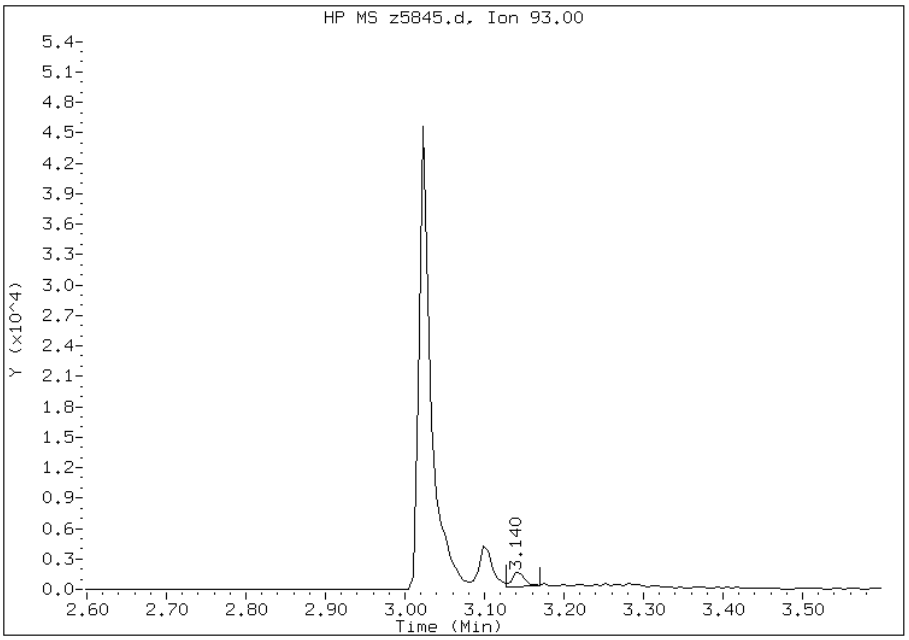
Processing Integration Results

RT: 3.14

Response: 1626

Amount: 0

Conc: 0



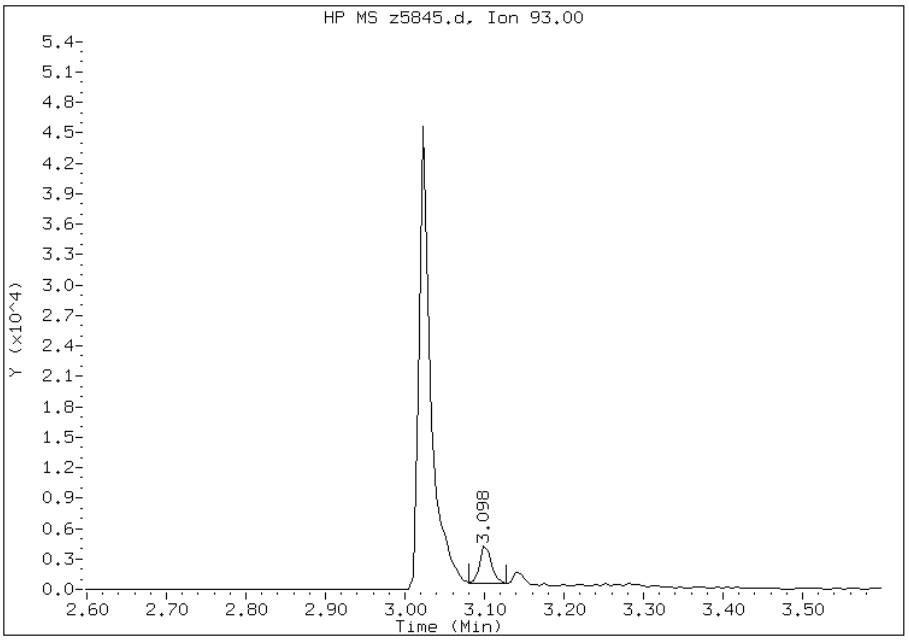
Manual Integration Results

RT: 3.10

Response: 3596

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason: Analyte not Identified by the Data System

Data File: /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5846.d
Report Date: 16-Nov-2009 09:24

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5846.d
Lab Smp Id: IC-277698
Inj Date : 16-NOV-2009 03:31
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-277698
Misc Info : 80 ppm bna 4425
Comment :
Method : /chem/BNAMS11.i/8270/11-16-09/16nov09.b/8270C_08SP.m
Meth Date : 16-Nov-2009 09:24 croccom Quant Type: ISTD
Cal Date : 16-NOV-2009 03:31 Cal File: z5846.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.175	1.175	(0.349)	331450	80.0000	80(H)
	71 Pyridine	79	1.193	1.193	(0.355)	592774	80.0000	77(H)
$	16 2-Fluorophenol (SUR)	112	2.163	2.163	(0.643)	581378	80.0000	79
	110 Benzaldehyde	77	2.916	2.916	(0.867)	42602	80.0000	20
	73 Aniline	93	3.040	3.040	(0.904)	856596	80.0000	83
$	17 Phenol-d5 (SUR)	99	3.063	3.063	(0.911)	670551	80.0000	80
	1 Phenol	94	3.081	3.081	(0.916)	647873	80.0000	70(H)
	20 bis(2-Chloroethyl)ether	93	3.128	3.128	(0.930)	562496	80.0000	76(H)
	2 2-Chlorophenol	128	3.169	3.169	(0.942)	661802	80.0000	78
	113 n-decane	43	3.240	3.240	(0.963)	439127	80.0000	69
	21 1,3-Dichlorobenzene	146	3.310	3.310	(0.984)	770747	80.0000	77
*	79 1,4-Dichlorobenzene-d4	152	3.363	3.363	(1.000)	247638	40.0000	
	22 1,4-Dichlorobenzene	146	3.387	3.387	(1.007)	760717	80.0000	76
	74 Benzyl Alcohol	108	3.551	3.551	(1.056)	382623	80.0000	82
	23 1,2-Dichlorobenzene	146	3.540	3.540	(1.052)	708659	80.0000	77

Data File: /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5846.d
Report Date: 16-Nov-2009 09:24

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	24 bis (2-chloroisopropyl) ether	45	3.681	3.681	(1.094)	526558	80.0000	72
	3 2-Methylphenol	108	3.699	3.699	(1.100)	531688	80.0000	79
	126 O-Toluidine	107	3.799	3.799	(1.129)	860349	80.0000	80
	104 Acetophenone	105	3.816	3.816	(1.135)	830140	80.0000	79(H)
	25 N-Nitroso-di-n-propylamine	70	3.840	3.840	(1.142)	359759	80.0000	76
	4 4-Methylphenol	108	3.863	3.863	(1.149)	551013	80.0000	77
	123 3 & 4 Methylphenol	108	3.863	3.863	(1.149)	551013	80.0000	76
	26 Hexachloroethane	117	3.881	3.881	(1.154)	298683	80.0000	77
$	76 Nitrobenzene-d5 (SUR)	82	3.957	3.957	(0.848)	663281	80.0000	79
	27 Nitrobenzene	77	3.981	3.981	(0.853)	796469	80.0000	72
	107 N,N-Dimethylaniline	120	3.987	3.987	(1.185)	903842	80.0000	73
	28 Isophorone	82	4.234	4.234	(0.907)	1080726	80.0000	77
	5 2-Nitrophenol	139	4.298	4.298	(0.921)	350681	80.0000	78
	6 2,4-Dimethylphenol	122	4.393	4.393	(0.941)	535471	80.0000	77
	29 bis(2-Chloroethoxy)methane	93	4.475	4.475	(0.958)	636356	80.0000	76
	15 Benzoic Acid	122	4.610	4.610	(0.987)	286681	80.0000	82(H)
	7 2,4-Dichlorophenol	162	4.557	4.557	(0.976)	493389	80.0000	77
	30 1,2,4-Trichlorobenzene	180	4.622	4.622	(0.990)	599079	80.0000	77
*	80 Naphthalene-d8	136	4.669	4.669	(1.000)	910432	40.0000	
	31 Naphthalene	128	4.693	4.693	(1.005)	1778023	80.0000	75
	32 4-Chloroaniline	127	4.775	4.775	(1.023)	690055	80.0000	79
	33 Hexachlorobutadiene	225	4.840	4.840	(1.037)	363345	80.0000	75
	111 Caprolactam	113	5.204	5.204	(1.115)	159640	80.0000	84(H)
	8 4-Chloro-3-methylphenol	107	5.322	5.322	(1.140)	488487	80.0000	76
	34 2-Methylnaphthalene	142	5.393	5.393	(1.155)	1119250	80.0000	76
	120 1-Methylnaphthalene	142	5.487	5.487	(1.175)	1101948	80.0000	77
	35 Hexachlorocyclopentadiene	237	5.563	5.563	(0.867)	397181	80.0000	87
	121 2-tert-Butyl-4-methylphenol	149	5.657	5.657	(1.212)	784494	80.0000	76
	9 2,4,6-Trichlorophenol	196	5.698	5.698	(0.888)	358308	80.0000	78
	10 2,4,5-Trichlorophenol	196	5.745	5.745	(0.895)	386738	80.0000	82
$	77 2-Fluorobiphenyl (SUR)	172	5.775	5.775	(0.900)	1294927	80.0000	79
	36 2-Chloronaphthalene	162	5.875	5.875	(0.916)	1008641	80.0000	75
	102 Diphenyl	154	5.869	5.869	(0.915)	1244192	80.0000	73
	103 Diphenyl Ether	170	5.975	5.975	(0.931)	746201	80.0000	77
	37 2-Nitroaniline	65	6.004	6.004	(0.936)	309295	80.0000	74(H)
	125 1,3-Dimethylnaphthalene	156	6.098	6.098	(0.950)	868245	80.0000	77
	114 Coumarin	146	6.198	6.198	(1.328)	378775	80.0000	80
	38 Dimethylphthalate	163	6.204	6.204	(0.967)	1167825	80.0000	78
	40 2,6-Dinitrotoluene	165	6.251	6.251	(0.974)	277217	80.0000	82
	39 Acenaphthylene	152	6.275	6.275	(0.978)	1667900	80.0000	77
	41 3-Nitroaniline	138	6.410	6.410	(0.999)	284628	80.0000	80
*	82 Acenaphthene-d10	164	6.416	6.416	(1.000)	476763	40.0000	
	42 Acenaphthene	154	6.451	6.451	(1.005)	981824	80.0000	77
	122 2,6-Di-tert-butyl-p-cresol	205	6.487	6.487	(1.011)	993959	80.0000	77
	11 2,4-Dinitrophenol	184	6.516	6.516	(1.016)	160031	80.0000	84
	12 4-Nitrophenol	65	6.628	6.628	(1.033)	209640	80.0000	83
	43 Dibenzofuran	168	6.622	6.622	(1.032)	1425301	80.0000	77

Data File: /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5846.d
Report Date: 16-Nov-2009 09:24

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	44	2,4-Dinitrotoluene	165	6.651	6.651	(1.037)	357065	80.0000	79
	127	1-Naphthylamine	143	6.704	6.704	(1.045)	832825	80.0000	74
	128	2-Naphthylamine	143	6.787	6.787	(1.058)	903835	80.0000	79
	45	Diethylphthalate	149	6.898	6.898	(1.075)	1176049	80.0000	79
	47	Fluorene	166	6.951	6.951	(1.083)	1144469	80.0000	78
	46	4-Chlorophenyl-phenylether	204	6.969	6.969	(1.086)	578837	80.0000	78
	48	4-Nitroaniline	138	7.016	7.016	(1.093)	270381	80.0000	83
	13	4,6-Dinitro-2-methylphenol	198	7.045	7.045	(0.897)	204218	80.0000	89
	49	N-Nitrosodiphenylamine	169	7.098	7.098	(0.904)	795190	80.0000	78
	75	1,2-Diphenylhydrazine	77	7.128	7.128	(0.908)	1309344	80.0000	80
$	18	2,4,6-Tribromophenol (SUR)	330	7.192	7.192	(1.121)	177660	80.0000	84
	50	4-Bromophenyl-phenylether	248	7.439	7.439	(0.948)	344420	80.0000	79
	51	Hexachlorobenzene	284	7.492	7.492	(0.954)	360798	80.0000	80
	112	Atrazine	200	7.645	7.645	(0.974)	287552	80.0000	78
	14	Pentachlorophenol	266	7.692	7.692	(0.980)	216549	80.0000	84
	115	n-Octadecane	57	7.828	7.828	(0.997)	525374	80.0000	70
*	83	Phenanthrene-d10	188	7.851	7.851	(1.000)	712254	40.0000	
	52	Phenanthrene	178	7.881	7.881	(1.004)	1519139	80.0000	78
	53	Anthracene	178	7.928	7.928	(1.010)	1511751	80.0000	76
	54	Carbazole	167	8.098	8.098	(1.031)	1306851	80.0000	77
	55	Di-n-butylphthalate	149	8.481	8.481	(1.080)	1700191	80.0000	77
	56	Fluoranthene	202	9.022	9.022	(1.149)	1417222	80.0000	76
	58	Benzidine	184	9.186	9.186	(1.170)	20410	80.0000	9.9
	57	Pyrene	202	9.239	9.239	(0.887)	1372196	80.0000	84
$	78	Terphenyl-d14	244	9.422	9.422	(0.904)	1111585	80.0000	86
	59	Butylbenzylphthalate	149	9.928	9.928	(0.953)	567710	80.0000	84
	124	Carbamazepine	193	10.004	10.004	(0.960)	369685	80.0000	77
	61	Benzo(a)anthracene	228	10.410	10.410	(0.999)	957058	80.0000	82
	60	3,3'-Dichlorobenzidine	252	10.410	10.410	(0.999)	218409	80.0000	75
*	81	Chrysene-d12	240	10.422	10.422	(1.000)	437087	40.0000	
	62	Chrysene	228	10.451	10.451	(1.003)	870055	80.0000	79
	63	bis(2-Ethylhexyl)phthalate	149	10.522	10.522	(1.010)	764529	80.0000	86
	64	Di-n-octylphthalate	149	11.239	11.239	(0.934)	1005066	80.0000	83
	65	Benzo(b)fluoranthene	252	11.586	11.586	(0.963)	564462	80.0000	80
	66	Benzo(k)fluoranthene	252	11.622	11.622	(0.966)	613683	80.0000	81
	67	Benzo(a)pyrene	252	11.963	11.963	(0.995)	462899	80.0000	79
*	84	Perylene-d12	264	12.027	12.027	(1.000)	218309	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	13.327	13.327	(1.108)	336449	80.0000	79
	69	Dibenz(a,h)anthracene	278	13.363	13.363	(1.111)	362664	80.0000	79
	70	Benzo(g,h,i)perylene	276	13.639	13.639	(1.134)	349811	80.0000	88

QC Flag Legend

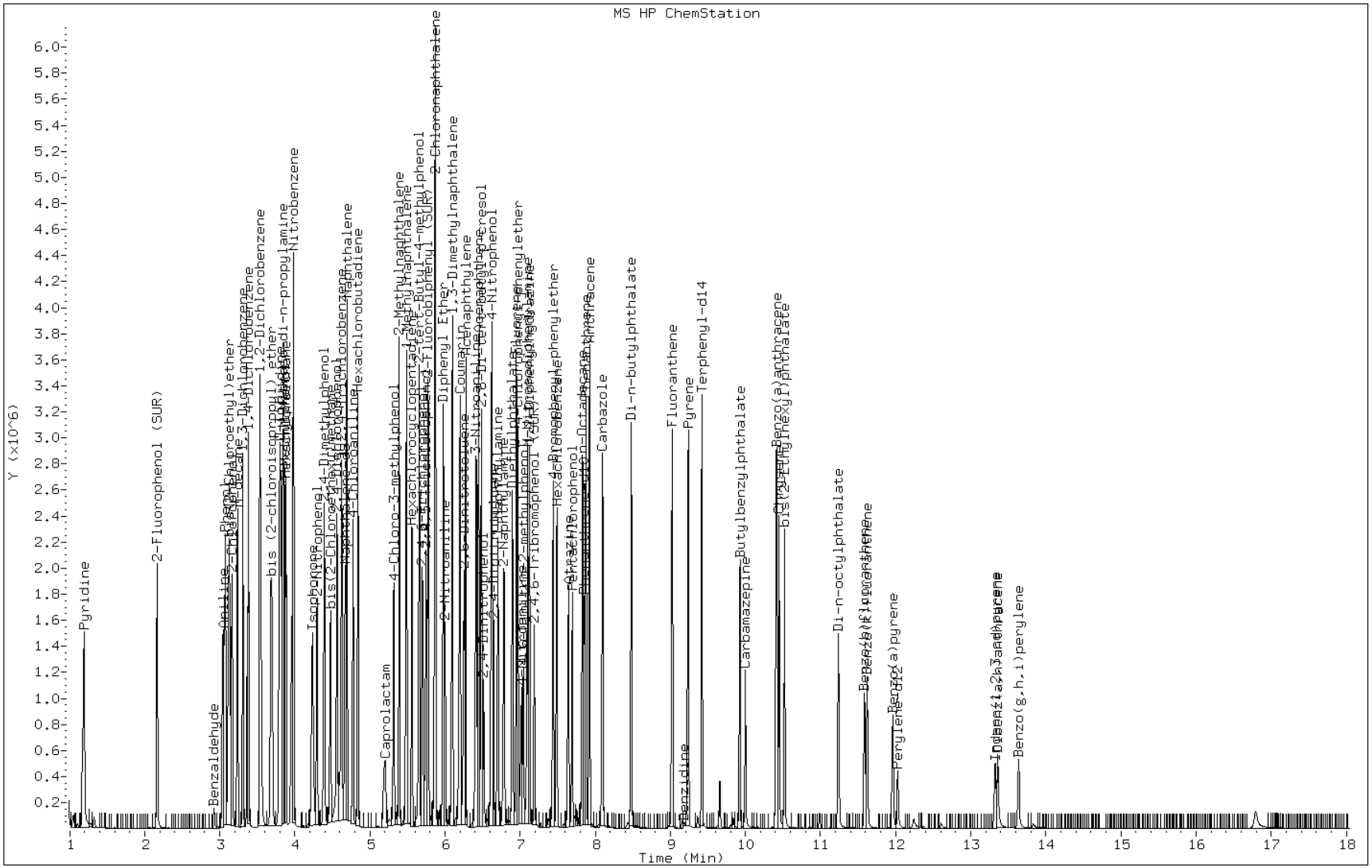
H - Operator selected an alternate compound hit.

Data File: z5846.d

Date: 16-NOV-2009 03:31

Client ID: Instrument: BNAMS11.i

Sample Info: IC-277698 Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5847.d
Report Date: 16-Nov-2009 09:24

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5847.d
Lab Smp Id: IC-277680
Inj Date : 16-NOV-2009 03:55
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-277680
Misc Info : 20 ppn bna 4425
Comment :
Method : /chem/BNAMS11.i/8270/11-16-09/16nov09.b/8270C_08SP.m
Meth Date : 16-Nov-2009 09:24 croccom Quant Type: ISTD
Cal Date : 16-NOV-2009 03:55 Cal File: z5847.d
Als bottle: 6 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.134	1.134	(0.338)	68020	20.0000	19
	71 Pyridine	79	1.151	1.151	(0.343)	136630	20.0000	21(H)
$	16 2-Fluorophenol (SUR)	112	2.140	2.140	(0.637)	128202	20.0000	20
	110 Benzaldehyde	77	2.904	2.904	(0.865)	38503	20.0000	21
	73 Aniline	93	3.022	3.022	(0.900)	180182	20.0000	20
$	17 Phenol-d5 (SUR)	99	3.034	3.034	(0.904)	145729	20.0000	20
	1 Phenol	94	3.046	3.046	(0.907)	152962	20.0000	19
	20 bis(2-Chloroethyl)ether	93	3.104	3.104	(0.925)	127645	20.0000	20(H)
	2 2-Chlorophenol	128	3.145	3.145	(0.937)	145423	20.0000	20
	113 n-decane	43	3.228	3.228	(0.961)	116227	20.0000	21
	21 1,3-Dichlorobenzene	146	3.293	3.293	(0.981)	175142	20.0000	20
*	79 1,4-Dichlorobenzene-d4	152	3.357	3.357	(1.000)	213562	40.0000	
	22 1,4-Dichlorobenzene	146	3.375	3.375	(1.005)	175165	20.0000	20
	74 Benzyl Alcohol	108	3.522	3.522	(1.049)	80277	20.0000	20
	23 1,2-Dichlorobenzene	146	3.528	3.528	(1.051)	159008	20.0000	20

Data File: /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5847.d
Report Date: 16-Nov-2009 09:24

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
24	bis (2-chloroisopropyl) ether	45	3.669	3.669	(1.093)	128872	20.0000	20
3	2-Methylphenol	108	3.669	3.669	(1.093)	111647	20.0000	19
126	O-Toluidine	107	3.781	3.781	(1.126)	188726	20.0000	20
104	Acetophenone	105	3.787	3.787	(1.128)	180393	20.0000	20(H)
25	N-Nitroso-di-n-propylamine	70	3.804	3.804	(1.133)	84278	20.0000	20
4	4-Methylphenol	108	3.834	3.834	(1.142)	126892	20.0000	20
123	3 & 4 Methylphenol	108	3.834	3.834	(1.142)	130276	20.0000	21
26	Hexachloroethane	117	3.875	3.875	(1.154)	70063	20.0000	21
$ 76	Nitrobenzene-d5 (SUR)	82	3.934	3.934	(0.844)	134869	20.0000	20
27	Nitrobenzene	77	3.957	3.957	(0.849)	190446	20.0000	21
107	N,N-Dimethylaniline	120	3.963	3.963	(1.180)	212909	20.0000	20
28	Isophorone	82	4.210	4.210	(0.903)	225060	20.0000	20
5	2-Nitrophenol	139	4.287	4.287	(0.919)	71571	20.0000	20
6	2,4-Dimethylphenol	122	4.375	4.375	(0.938)	113270	20.0000	20
29	bis(2-Chloroethoxy)methane	93	4.457	4.457	(0.956)	139213	20.0000	20
15	Benzoic Acid	122	4.522	4.522	(0.970)	45292	20.0000	16(MH)
7	2,4-Dichlorophenol	162	4.545	4.545	(0.975)	104879	20.0000	20
30	1,2,4-Trichlorobenzene	180	4.616	4.616	(0.990)	128515	20.0000	20
* 80	Naphthalene-d8	136	4.663	4.663	(1.000)	742219	40.0000	
31	Naphthalene	128	4.681	4.681	(1.004)	389836	20.0000	20
32	4-Chloroaniline	127	4.763	4.763	(1.021)	142703	20.0000	20
33	Hexachlorobutadiene	225	4.834	4.834	(1.037)	80354	20.0000	20
111	Caprolactam	113	5.110	5.110	(1.096)	31233	20.0000	20
8	4-Chloro-3-methylphenol	107	5.298	5.298	(1.136)	102448	20.0000	20
34	2-Methylnaphthalene	142	5.387	5.387	(1.155)	238270	20.0000	20
120	1-Methylnaphthalene	142	5.481	5.481	(1.175)	232567	20.0000	20
35	Hexachlorocyclopentadiene	237	5.557	5.557	(0.867)	71861	20.0000	20
121	2-tert-Butyl-4-methylphenol	149	5.645	5.645	(1.211)	168956	20.0000	20
9	2,4,6-Trichlorophenol	196	5.686	5.686	(0.887)	69994	20.0000	19
10	2,4,5-Trichlorophenol	196	5.728	5.728	(0.894)	73876	20.0000	20
$ 77	2-Fluorobiphenyl (SUR)	172	5.769	5.769	(0.900)	254072	20.0000	20
36	2-Chloronaphthalene	162	5.863	5.863	(0.915)	214680	20.0000	20
102	Diphenyl	154	5.857	5.857	(0.914)	282667	20.0000	21
103	Diphenyl Ether	170	5.969	5.969	(0.931)	154864	20.0000	20
37	2-Nitroaniline	65	5.986	5.986	(0.934)	67546	20.0000	21
125	1,3-Dimethylnaphthalene	156	6.086	6.086	(0.950)	180507	20.0000	20
114	Coumarin	146	6.175	6.175	(1.324)	78675	20.0000	20
38	Dimethylphthalate	163	6.186	6.186	(0.965)	237245	20.0000	20
40	2,6-Dinitrotoluene	165	6.234	6.234	(0.972)	54015	20.0000	20
39	Acenaphthylene	152	6.263	6.263	(0.977)	347368	20.0000	20
41	3-Nitroaniline	138	6.392	6.392	(0.997)	55449	20.0000	20
* 82	Acenaphthene-d10	164	6.410	6.410	(1.000)	371902	40.0000	
42	Acenaphthene	154	6.439	6.439	(1.005)	203374	20.0000	20
122	2,6-Di-tert-butyl-p-cresol	205	6.475	6.475	(1.010)	211274	20.0000	21
11	2,4-Dinitrophenol	184	6.498	6.498	(1.014)	36535	30.0000	28
12	4-Nitrophenol	65	6.610	6.610	(1.031)	62228	30.0000	32
43	Dibenzofuran	168	6.610	6.610	(1.031)	291346	20.0000	20

Data File: /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5847.d
Report Date: 16-Nov-2009 09:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	44 2,4-Dinitrotoluene	165	6.628	6.628	(1.034)	71475	20.0000	20
	127 1-Naphthylamine	143	6.686	6.686	(1.043)	185702	20.0000	21
	128 2-Naphthylamine	143	6.769	6.769	(1.056)	184819	20.0000	21
	45 Diethylphthalate	149	6.886	6.886	(1.074)	237388	20.0000	20
	47 Fluorene	166	6.939	6.939	(1.083)	233845	20.0000	20
	46 4-Chlorophenyl-phenylether	204	6.963	6.963	(1.086)	116481	20.0000	20
	48 4-Nitroaniline	138	6.986	6.986	(1.090)	52688	20.0000	21
	13 4,6-Dinitro-2-methylphenol	198	7.022	7.022	(0.895)	54259	30.0000	30
	49 N-Nitrosodiphenylamine	169	7.081	7.081	(0.903)	160198	20.0000	20
	75 1,2-Diphenylhydrazine	77	7.116	7.116	(0.907)	255483	20.0000	20
$	18 2,4,6-Tribromophenol (SUR)	330	7.181	7.181	(1.120)	31702	20.0000	19
	50 4-Bromophenyl-phenylether	248	7.433	7.433	(0.948)	66611	20.0000	19
	51 Hexachlorobenzene	284	7.481	7.481	(0.954)	69791	20.0000	20
	112 Atrazine	200	7.628	7.628	(0.972)	58676	20.0000	20
	14 Pentachlorophenol	266	7.686	7.686	(0.980)	61587	30.0000	30
	115 n-Octadecane	57	7.822	7.822	(0.997)	123934	20.0000	21
*	83 Phenanthrene-d10	188	7.845	7.845	(1.000)	561339	40.0000	
	52 Phenanthrene	178	7.869	7.869	(1.003)	307514	20.0000	20
	53 Anthracene	178	7.916	7.916	(1.009)	317518	20.0000	20
	54 Carbazole	167	8.086	8.086	(1.031)	274539	20.0000	20
	55 Di-n-butylphthalate	149	8.475	8.475	(1.080)	359084	20.0000	21
	56 Fluoranthene	202	9.016	9.016	(1.149)	308420	20.0000	21
	58 Benzidine	184	9.175	9.175	(1.169)	86514	30.0000	53
	57 Pyrene	202	9.227	9.227	(0.886)	307483	20.0000	19
$	78 Terphenyl-d14	244	9.416	9.416	(0.904)	233484	20.0000	18
	59 Butylbenzylphthalate	149	9.916	9.916	(0.952)	131190	20.0000	19
	124 Carbamazepine	193	9.992	9.992	(0.959)	80860	20.0000	17
	61 Benzo(a)anthracene	228	10.404	10.404	(0.999)	223212	20.0000	19
	60 3,3'-Dichlorobenzidine	252	10.404	10.404	(0.999)	97159	30.0000	33
*	81 Chrysene-d12	240	10.416	10.416	(1.000)	439465	40.0000	
	62 Chrysene	228	10.439	10.439	(1.002)	228967	20.0000	21
	63 bis(2-Ethylhexyl)phthalate	149	10.516	10.516	(1.010)	170296	20.0000	19
	64 Di-n-octylphthalate	149	11.233	11.233	(0.934)	222159	20.0000	16
	65 Benzo(b)fluoranthene	252	11.580	11.580	(0.963)	139984	20.0000	18
	66 Benzo(k)fluoranthene	252	11.610	11.610	(0.965)	175457	20.0000	20
	67 Benzo(a)pyrene	252	11.957	11.957	(0.994)	118034	20.0000	18
*	84 Perylene-d12	264	12.027	12.027	(1.000)	248865	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.315	13.315	(1.107)	78150	20.0000	16
	69 Dibenz(a,h)anthracene	278	13.351	13.351	(1.110)	86366	20.0000	16
	70 Benzo(g,h,i)perylene	276	13.627	13.627	(1.133)	85963	20.0000	19

QC Flag Legend

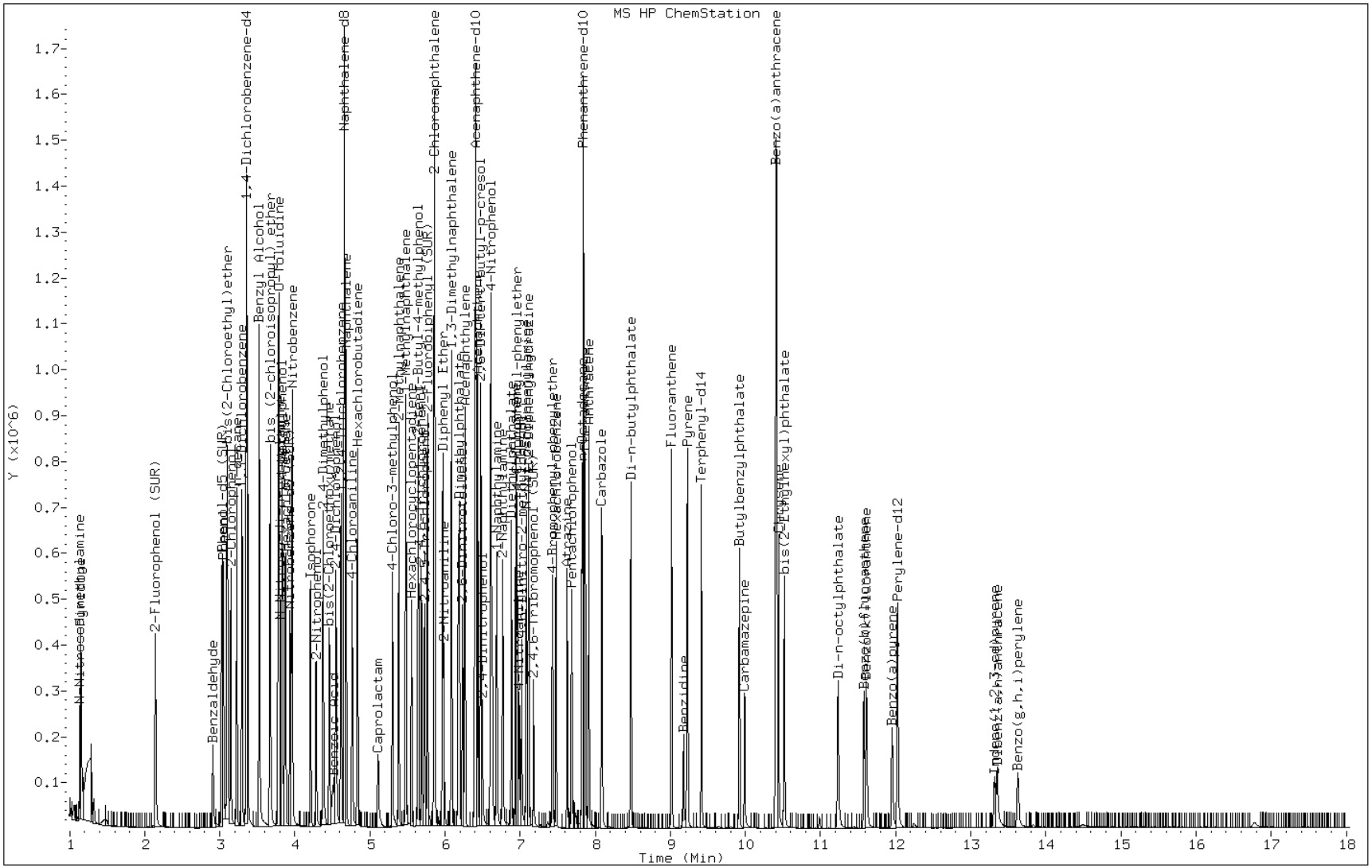
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z5847.d

Date: 16-NOV-2009 03:55

Client ID: Instrument: BNAMS11.i

Sample Info: IC-277680 Operator: BNAMS 4



Manual Integration Report

Data File: z5847.d
Inj. Date and Time: 16-NOV-2009 03:55
Instrument ID: BNAMS11.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 11/16/2009

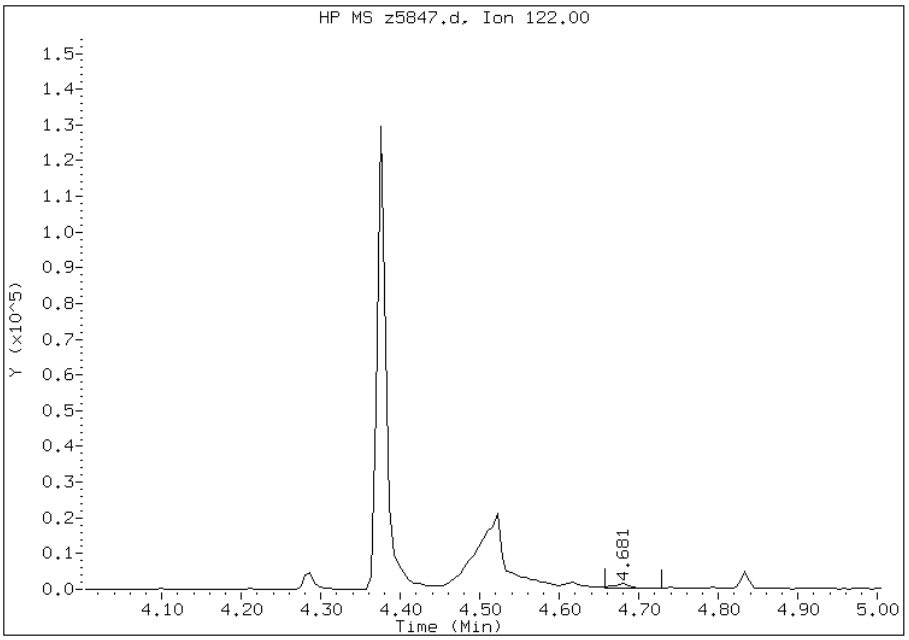
Processing Integration Results

RT: 4.68

Response: 2375

Amount: 1

Conc: 1



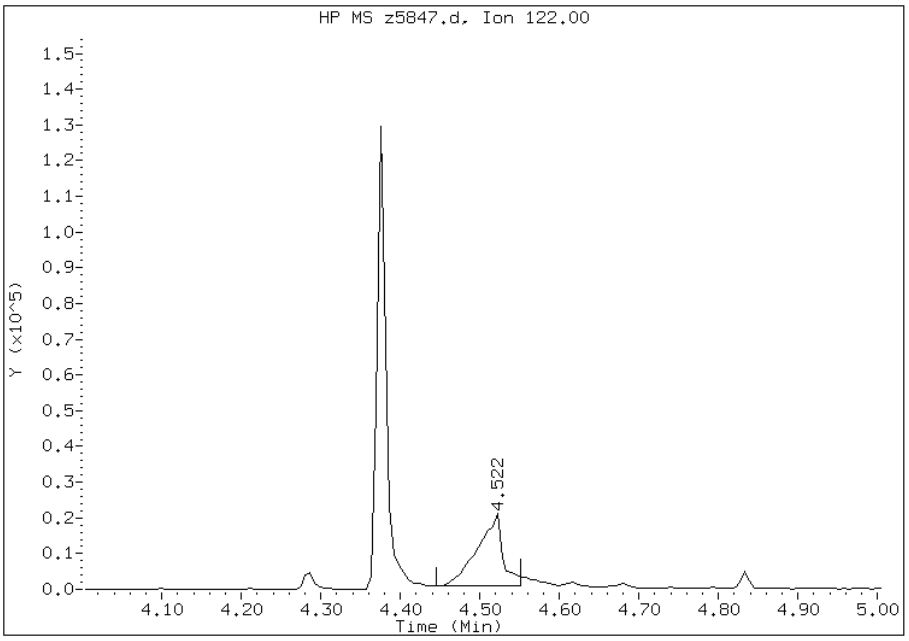
Manual Integration Results

RT: 4.52

Response: 45292

Amount: 16

Conc: 16



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5848.d
Report Date: 16-Nov-2009 09:24

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5848.d
Lab Smp Id: IC-277681
Inj Date : 16-NOV-2009 04:19
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-277681
Misc Info : 10 ppm bna 4425
Comment :
Method : /chem/BNAMS11.i/8270/11-16-09/16nov09.b/8270C_08SP.m
Meth Date : 16-Nov-2009 09:24 croccom Quant Type: ISTD
Cal Date : 16-NOV-2009 04:19 Cal File: z5848.d
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.140	1.140	(0.339)	40473	10.0000	9.7
	71 Pyridine	79	1.163	1.163	(0.346)	81122	10.0000	10(H)
$	16 2-Fluorophenol (SUR)	112	2.146	2.146	(0.639)	74024	10.0000	10
	110 Benzaldehyde	77	2.910	2.910	(0.867)	20634	10.0000	9.5
	73 Aniline	93	3.022	3.022	(0.900)	109152	10.0000	10
$	17 Phenol-d5 (SUR)	99	3.034	3.034	(0.904)	86236	10.0000	10
	1 Phenol	94	3.046	3.046	(0.907)	95835	10.0000	10
	20 bis(2-Chloroethyl)ether	93	3.098	3.098	(0.923)	77997	10.0000	10(H)
	2 2-Chlorophenol	128	3.146	3.146	(0.937)	88519	10.0000	10
	113 n-decane	43	3.228	3.228	(0.961)	68076	10.0000	11
	21 1,3-Dichlorobenzene	146	3.293	3.293	(0.981)	104172	10.0000	10
*	79 1,4-Dichlorobenzene-d4	152	3.357	3.357	(1.000)	250704	40.0000	
	22 1,4-Dichlorobenzene	146	3.369	3.369	(1.004)	102702	10.0000	10
	74 Benzyl Alcohol	108	3.522	3.522	(1.049)	46331	10.0000	9.8
	23 1,2-Dichlorobenzene	146	3.528	3.528	(1.051)	97359	10.0000	10

Data File: /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5848.d
Report Date: 16-Nov-2009 09:24

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	24 bis (2-chloroisopropyl) ether	45	3.669	3.669	(1.093)	81168	10.0000	11
	3 2-Methylphenol	108	3.669	3.669	(1.093)	68958	10.0000	10
	126 O-Toluidine	107	3.781	3.781	(1.126)	110369	10.0000	10
	104 Acetophenone	105	3.787	3.787	(1.128)	109163	10.0000	10(H)
	25 N-Nitroso-di-n-propylamine	70	3.804	3.804	(1.133)	53000	10.0000	11
	4 4-Methylphenol	108	3.834	3.834	(1.142)	77028	10.0000	10
	123 3 & 4 Methylphenol	108	3.834	3.834	(1.142)	77847	10.0000	10
	26 Hexachloroethane	117	3.869	3.869	(1.152)	42655	10.0000	11
$	76 Nitrobenzene-d5 (SUR)	82	3.934	3.934	(0.844)	84527	10.0000	10
	27 Nitrobenzene	77	3.951	3.951	(0.847)	113336	10.0000	10
	107 N,N-Dimethylaniline	120	3.963	3.963	(1.180)	128738	10.0000	10
	28 Isophorone	82	4.204	4.204	(0.902)	139951	10.0000	10
	5 2-Nitrophenol	139	4.287	4.287	(0.919)	42889	10.0000	9.9
	6 2,4-Dimethylphenol	122	4.375	4.375	(0.938)	70018	10.0000	10
	29 bis(2-Chloroethoxy)methane	93	4.457	4.457	(0.956)	83651	10.0000	10
	15 Benzoic Acid	122	4.504	4.504	(0.966)	22953	10.0000	6.8(MH)
	7 2,4-Dichlorophenol	162	4.545	4.545	(0.975)	64887	10.0000	10
	30 1,2,4-Trichlorobenzene	180	4.616	4.616	(0.990)	77852	10.0000	10
*	80 Naphthalene-d8	136	4.663	4.663	(1.000)	881494	40.0000	
	31 Naphthalene	128	4.681	4.681	(1.004)	242561	10.0000	11
	32 4-Chloroaniline	127	4.763	4.763	(1.021)	90779	10.0000	11
	33 Hexachlorobutadiene	225	4.834	4.834	(1.037)	48827	10.0000	10
	111 Caprolactam	113	5.098	5.098	(1.093)	18549	10.0000	10
	8 4-Chloro-3-methylphenol	107	5.292	5.292	(1.135)	64638	10.0000	10
	34 2-Methylnaphthalene	142	5.381	5.381	(1.154)	147263	10.0000	10
	120 1-Methylnaphthalene	142	5.481	5.481	(1.175)	144453	10.0000	10
	35 Hexachlorocyclopentadiene	237	5.557	5.557	(0.867)	38976	10.0000	8.7
	121 2-tert-Butyl-4-methylphenol	149	5.639	5.639	(1.209)	102535	10.0000	10
	9 2,4,6-Trichlorophenol	196	5.687	5.687	(0.887)	43365	10.0000	9.6
	10 2,4,5-Trichlorophenol	196	5.728	5.728	(0.894)	44776	10.0000	9.7
$	77 2-Fluorobiphenyl (SUR)	172	5.769	5.769	(0.900)	164139	10.0000	10
	36 2-Chloronaphthalene	162	5.863	5.863	(0.915)	136686	10.0000	10
	102 Diphenyl	154	5.857	5.857	(0.914)	175491	10.0000	10
	103 Diphenyl Ether	170	5.969	5.969	(0.931)	96183	10.0000	10
	37 2-Nitroaniline	65	5.981	5.981	(0.933)	41228	10.0000	10
	125 1,3-Dimethylnaphthalene	156	6.087	6.087	(0.950)	111368	10.0000	10
	114 Coumarin	146	6.175	6.175	(1.324)	46336	10.0000	10
	38 Dimethylphthalate	163	6.186	6.186	(0.965)	148921	10.0000	10
	40 2,6-Dinitrotoluene	165	6.234	6.234	(0.972)	32916	10.0000	10
	39 Acenaphthylene	152	6.263	6.263	(0.977)	214004	10.0000	10
	41 3-Nitroaniline	138	6.392	6.392	(0.997)	34678	10.0000	9.9(a)
*	82 Acenaphthene-d10	164	6.410	6.410	(1.000)	464964	40.0000	
	42 Acenaphthene	154	6.434	6.434	(1.004)	126589	10.0000	10
	122 2,6-Di-tert-butyl-p-cresol	205	6.475	6.475	(1.010)	125475	10.0000	10
	11 2,4-Dinitrophenol	184	6.498	6.498	(1.014)	24359	20.0000	15
	12 4-Nitrophenol	65	6.610	6.610	(1.031)	44236	20.0000	18
	43 Dibenzofuran	168	6.610	6.610	(1.031)	183803	10.0000	10

Data File: /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5848.d
Report Date: 16-Nov-2009 09:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	44 2,4-Dinitrotoluene	165	6.622	6.622	(1.033)	43470	10.0000	9.9
	127 1-Naphthylamine	143	6.686	6.686	(1.043)	110258	10.0000	10
	128 2-Naphthylamine	143	6.769	6.769	(1.056)	118940	10.0000	11
	45 Diethylphthalate	149	6.881	6.881	(1.073)	148403	10.0000	10
	47 Fluorene	166	6.939	6.939	(1.083)	145667	10.0000	10
	46 4-Chlorophenyl-phenylether	204	6.963	6.963	(1.086)	73106	10.0000	10
	48 4-Nitroaniline	138	6.986	6.986	(1.090)	32078	10.0000	10
	13 4,6-Dinitro-2-methylphenol	198	7.022	7.022	(0.895)	38985	20.0000	18
	49 N-Nitrosodiphenylamine	169	7.081	7.081	(0.903)	103327	10.0000	11
	75 1,2-Diphenylhydrazine	77	7.110	7.110	(0.906)	160180	10.0000	10
$	18 2,4,6-Tribromophenol (SUR)	330	7.181	7.181	(1.120)	19066	10.0000	9.2
	50 4-Bromophenyl-phenylether	248	7.433	7.433	(0.948)	41971	10.0000	10
	51 Hexachlorobenzene	284	7.481	7.481	(0.954)	42907	10.0000	10
	112 Atrazine	200	7.628	7.628	(0.972)	36261	10.0000	10
	14 Pentachlorophenol	266	7.686	7.686	(0.980)	43199	20.0000	18
	115 n-Octadecane	57	7.822	7.822	(0.997)	77427	10.0000	11
*	83 Phenanthrene-d10	188	7.845	7.845	(1.000)	677976	40.0000	
	52 Phenanthrene	178	7.863	7.863	(1.002)	193008	10.0000	10
	53 Anthracene	178	7.916	7.916	(1.009)	199749	10.0000	11
	54 Carbazole	167	8.086	8.086	(1.031)	168661	10.0000	10
	55 Di-n-butylphthalate	149	8.475	8.475	(1.080)	218388	10.0000	10
	56 Fluoranthene	202	9.016	9.016	(1.149)	183141	10.0000	10
	58 Benzidine	184	9.175	9.175	(1.169)	83259	20.0000	42
	57 Pyrene	202	9.227	9.227	(0.886)	184252	10.0000	9.9
$	78 Terphenyl-d14	244	9.416	9.416	(0.904)	145761	10.0000	9.8
	59 Butylbenzylphthalate	149	9.916	9.916	(0.952)	74381	10.0000	9.7
	124 Carbamazepine	193	9.986	9.986	(0.959)	37388	10.0000	6.9
	61 Benzo(a)anthracene	228	10.404	10.404	(0.999)	127695	10.0000	9.6
	60 3,3'-Dichlorobenzidine	252	10.404	10.404	(0.999)	71031	20.0000	21
*	81 Chrysene-d12	240	10.416	10.416	(1.000)	498253	40.0000	
	62 Chrysene	228	10.439	10.439	(1.002)	129141	10.0000	10
	63 bis(2-Ethylhexyl)phthalate	149	10.516	10.516	(1.010)	97036	10.0000	9.6
	64 Di-n-octylphthalate	149	11.233	11.233	(0.934)	108733	10.0000	7.3
	65 Benzo(b)fluoranthene	252	11.580	11.580	(0.963)	72918	10.0000	8.5
	66 Benzo(k)fluoranthene	252	11.610	11.610	(0.965)	95599	10.0000	10
	67 Benzo(a)pyrene	252	11.957	11.957	(0.994)	60175	10.0000	8.4
*	84 Perylene-d12	264	12.027	12.027	(1.000)	267056	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.315	13.315	(1.107)	35476	10.0000	6.8
	69 Dibenz(a,h)anthracene	278	13.351	13.351	(1.110)	42707	10.0000	7.6
	70 Benzo(g,h,i)perylene	276	13.627	13.627	(1.133)	44143	10.0000	9.1

QC Flag Legend

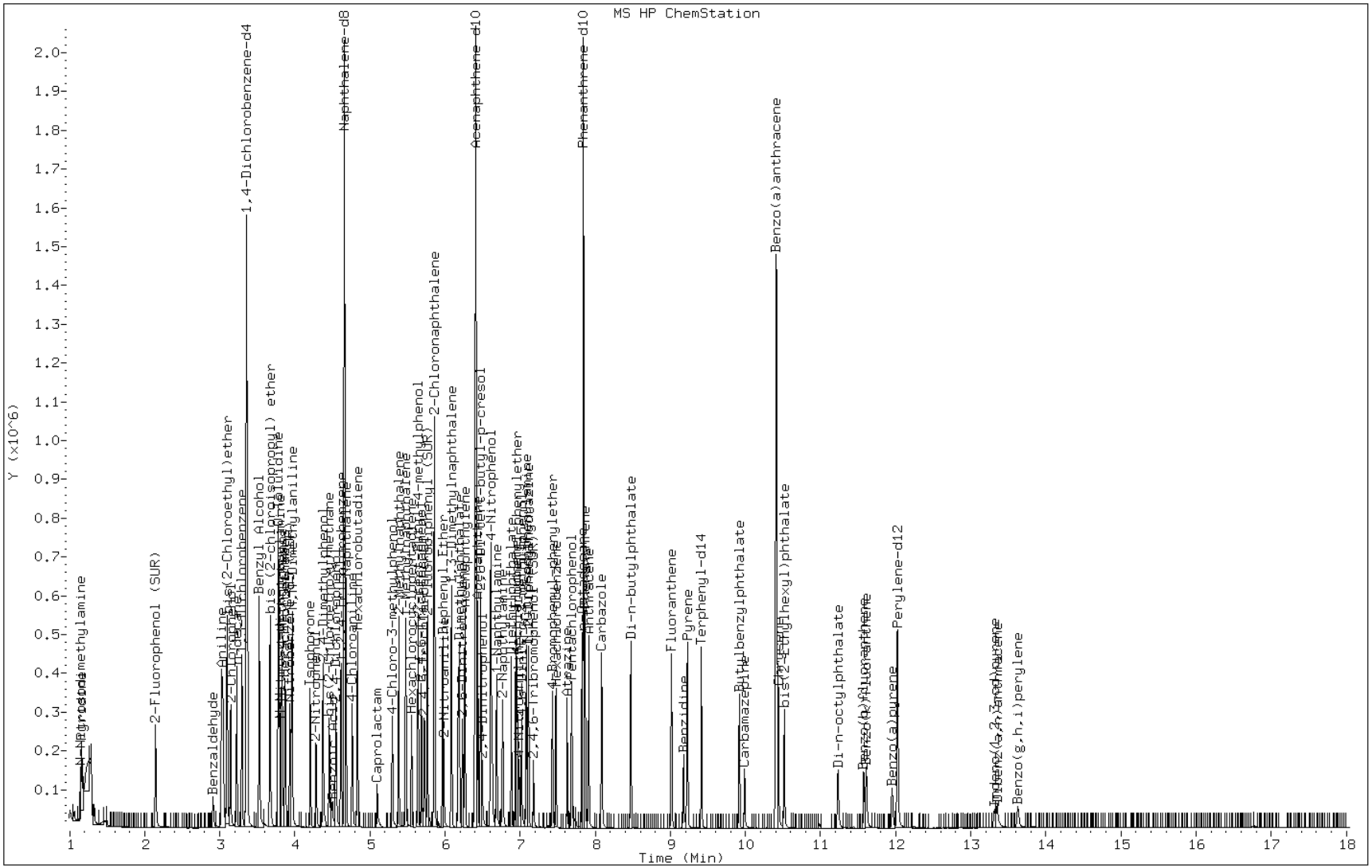
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z5848.d

Date: 16-NOV-2009 04:19

Client ID: Instrument: BNAMS11.i

Sample Info: IC-277681 Operator: BNAMS 4



Manual Integration Report

Data File: z5848.d
Inj. Date and Time: 16-NOV-2009 04:19
Instrument ID: BNAMS11.i
Client ID:
Compound: 15 Benzoic Acid
CAS #: 65-85-0
Report Date: 11/16/2009

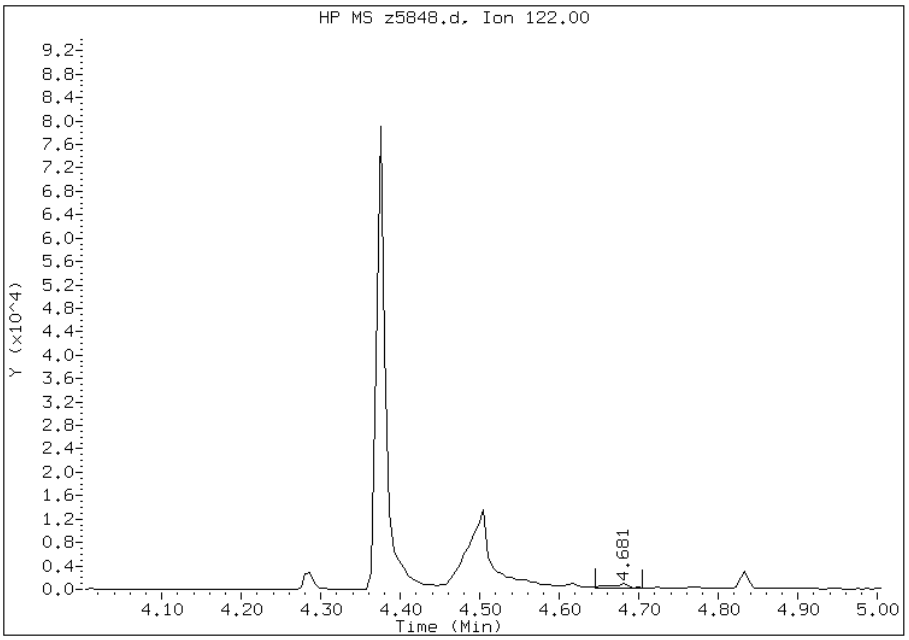
Processing Integration Results

RT: 4.68

Response: 1213

Amount: 1

Conc: 1



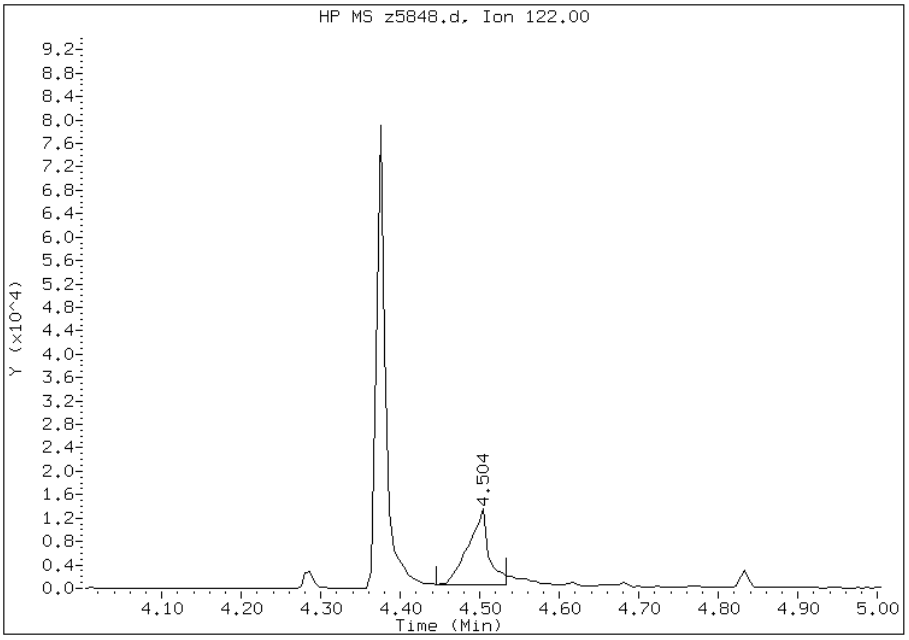
Manual Integration Results

RT: 4.50

Response: 22953

Amount: 7

Conc: 7



Manually Integrated By: wahied
Manual Integration Reason: Peak Tailing or Fronting

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab Sample ID: CCVIS 460-22586/2 Calibration Date: 11/13/2009 09:25

Instrument ID: BNAMS11 Calib Start Date: 11/03/2009 13:59

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 11/03/2009 16:05

Lab File ID: z5794.d Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5715	0.0000		10.0	50000	-100.0*	20.0
N-Nitrosodimethylamine	Ave	0.6813	0.6889		50600	50000	1.1	20.0
Pyridine	Ave	1.239	1.222		49300	50000	-1.4	20.0
Benzaldehyde	Ave	0.4596	0.1696		18400	50000	-63.1*	20.0
Aniline	Ave	1.742	1.726		49500	50000	-0.9	20.0
Phenol	Ave	1.565	1.326		42400	50000	-15.3	20.0
Bis(2-chloroethyl)ether	Ave	1.252	1.210		48300	50000	-3.3	20.0
2-Chlorophenol	Ave	1.378	1.355		49200	50000	-1.7	20.0
n-Decane	Ave	1.032	0.9451		45800	50000	-8.4	20.0
1,3-Dichlorobenzene	Ave	1.636	1.638		50100	50000	0.1	20.0
1,4-Dichlorobenzene	Ave	1.623	1.610		49600	50000	-0.8	20.0
1,2-Dichlorobenzene	Ave	1.481	1.476		49800	50000	-0.4	20.0
Benzyl alcohol	Ave	0.7319	0.7686		52500	50000	5.0	20.0
2,2'-oxybis[1-chloropropane]	LinF	1.116	1.069		56400	50000	12.8	20.0
2-Methylphenol	Ave	1.049	1.034		49300	50000	-1.4	20.0
2-Toluidine	Ave	1.682	1.674		49700	50000	-0.5	20.0
Acetophenone	Ave	1.614	1.587		49200	50000	-1.6	20.0
N-Nitrosodi-n-propylamine	Ave	0.7232	0.7280	0.0500	50300	50000	0.7	20.0
3 & 4 Methylphenol	Ave	1.108	1.077		48600	50000	-2.8	20.0
4-Methylphenol	Ave	1.097	1.077		49100	50000	-1.8	20.0
Hexachloroethane	Ave	0.6237	0.6277		50300	50000	0.6	20.0
Nitrobenzene	Ave	0.4832	0.4729		48900	50000	-2.1	20.0
n,n'-Dimethylaniline	Ave	1.912	1.846		48300	50000	-3.5	20.0
Isophorone	Ave	0.6172	0.5936		48100	50000	-3.8	20.0
2-Nitrophenol	Ave	0.2043	0.2012		49300	50000	-1.5	20.0
2,4-Dimethylphenol	Ave	0.3004	0.2918		48600	50000	-2.9	20.0
Bis(2-chloroethoxy)methane	Ave	0.3718	0.3663		49300	50000	-1.5	20.0
2,4-Dichlorophenol	Ave	0.2822	0.2693		47700	50000	-4.6	20.0
Benzoic acid	QuaF	0.1212	0.1204		50400	50000	0.8	20.0
1,2,4-Trichlorobenzene	Ave	0.3476	0.3470		49900	50000	-0.2	20.0
Naphthalene	Ave	1.042	1.017		48800	50000	-2.4	20.0
4-Chloroaniline	Ave	0.3877	0.3713		47900	50000	-4.2	20.0
Hexachlorobutadiene	Ave	0.2119	0.2092		49400	50000	-1.2	20.0
Caprolactam	Ave	0.0838	0.0764		45600	50000	-8.8	20.0
4-Chloro-3-methylphenol	Ave	0.2807	0.2596		46200	50000	-7.5	20.0
2-Methylnaphthalene	Ave	0.6304	0.6135		48700	50000	-2.7	20.0
1-Methylnaphthalene	Ave	0.6246	0.6047		48400	50000	-3.2	20.0
Hexachlorocyclopentadiene	Ave	0.3890	0.4792	0.0500	61600	50000	23.2*	20.0
2-tertbutyl-4-methylphenol	Ave	0.4165	0.4057		48700	50000	-2.6	20.0
2,4,6-Trichlorophenol	Ave	0.3914	0.3939		50300	50000	0.6	20.0
2,4,5-Trichlorophenol	Ave	0.4009	0.4015		50100	50000	0.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab Sample ID: CCVIS 460-22586/2 Calibration Date: 11/13/2009 09:25

Instrument ID: BNAMS11 Calib Start Date: 11/03/2009 13:59

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 11/03/2009 16:05

Lab File ID: z5794.d Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.443	1.465		50800	50000	1.5	20.0
2-Chloronaphthalene	Ave	1.152	1.180		51200	50000	2.4	20.0
Phenyl ether	Ave	0.8169	0.8534		52200	50000	4.5	20.0
2-Nitroaniline	Ave	0.3407	0.3121		45800	50000	-8.4	20.0
1,3-Dimethylnaphthalene	Ave	0.9918	0.9912		50000	50000	0.1	20.0
Coumarin	Ave	0.2011	0.1747		43400	50000	-13.1	20.0
Dimethyl phthalate	Ave	1.227	1.189		48500	50000	-3.0	20.0
2,6-Dinitrotoluene	Ave	0.2851	0.2801		49100	50000	-1.7	20.0
Acenaphthylene	Ave	1.840	1.849		50200	50000	0.5	20.0
3-Nitroaniline	Ave	0.3081	0.2707		43900	50000	-12.1	20.0
Acenaphthene	Ave	1.057	1.077		51000	50000	1.9	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.047	1.066		50900	50000	1.8	20.0
2,4-Dinitrophenol	QuaF	0.1468	0.1350	0.0500	43100	50000	-13.7	20.0
4-Nitrophenol	Ave	0.2014	0.1762	0.0500	43700	50000	-12.5	20.0
Dibenzofuran	Ave	1.552	1.512		48700	50000	-2.5	20.0
2,4-Dinitrotoluene	Ave	0.3757	0.3413		45400	50000	-9.2	20.0
2-Naphthylamine	Ave	0.9088	0.7828		43100	50000	-13.9	20.0
Diethyl phthalate	Ave	1.249	1.153		46100	50000	-7.7	20.0
Fluorene	Ave	1.232	1.200		48700	50000	-2.6	20.0
4-Chlorophenyl phenyl ether	Ave	0.6092	0.6114		50200	50000	0.4	20.0
4-Nitroaniline	Ave	0.2809	0.2412		42900	50000	-14.1	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1351	0.1335		49400	50000	-1.2	20.0
N-Nitrosodiphenylamine	Ave	0.5689	0.5687		50000	50000	0.0	20.0
1,2-Diphenylhydrazine	Ave	0.9128	0.9562		52400	50000	4.8	20.0
4-Bromophenyl phenyl ether	Ave	0.2449	0.2628		53700	50000	7.3	20.0
Hexachlorobenzene	Ave	0.2471	0.2626		53100	50000	6.3	20.0
Atrazine	Ave	0.2050	0.1839		44800	50000	-10.3	20.0
Pentachlorophenol	Ave	0.1453	0.1460		50300	50000	0.5	20.0
n-Octadecane	Ave	0.4223	0.4380		51900	50000	3.7	20.0
Phenanthrene	Ave	1.103	1.092		49500	50000	-1.0	20.0
Anthracene	Ave	1.117	1.090		48800	50000	-2.4	20.0
Carbazole	Ave	0.9648	0.8843		45800	50000	-8.3	20.0
Di-n-butyl phthalate	Ave	1.258	1.184		47000	50000	-5.9	20.0
Fluoranthene	Ave	1.053	0.9563		45400	50000	-9.2	20.0
Benzidine	Ave	0.1393	0.0087		3130	50000	-93.7*	20.0
Pyrene	Ave	1.558	1.647		52800	50000	5.7	20.0
Butyl benzyl phthalate	Ave	0.6472	0.6437		49700	50000	-0.5	20.0
2,3,7,8-TCDD	Ave	0.2043	0.1486		364	500	-27.3*	20.0
Carbamazepine	LinF	0.3774	0.3922		46800	50000	-6.4	20.0
3,3'-Dichlorobenzidine	Ave	0.2889	0.2579		44600	50000	-10.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab Sample ID: CCVIS 460-22586/2 Calibration Date: 11/13/2009 09:25

Instrument ID: BNAMS11 Calib Start Date: 11/03/2009 13:59

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 11/03/2009 16:05

Lab File ID: z5794.d Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[a]anthracene	Ave	1.113	1.076		48300	50000	-3.3	20.0
Chrysene	Ave	1.027	1.035		50400	50000	0.8	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8426	0.8335		49500	50000	-1.1	20.0
Di-n-octyl phthalate	Ave	1.789	1.723		48100	50000	-3.7	20.0
Benzo[b]fluoranthene	Ave	1.133	1.217		53700	50000	7.4	20.0
Benzo[k]fluoranthene	Ave	1.332	1.348		50600	50000	1.1	20.0
Benzo[a]pyrene	LinF	0.9367	1.038		50200	50000	0.5	20.0
Indeno[1,2,3-cd]pyrene	QuaF	0.7068	0.8867		57300	50000	14.7	20.0
Dibenz(a,h)anthracene	LinF	0.7475	0.9397		52000	50000	4.0	20.0
Benzo[g,h,i]perylene	Ave	0.7824	0.9393		60000	50000	20.0	20.0
2-Fluorophenol	Ave	1.246	1.225		49100	50000	-1.7	20.0
Phenol-d5	Ave	1.351	1.313		48600	50000	-2.8	20.0
Nitrobenzene-d5	Ave	0.3677	0.3790		51500	50000	3.1	20.0
2-Fluorobiphenyl	Ave	1.376	1.479		53800	50000	7.5	20.0
2,4,6-Tribromophenol	Ave	0.1742	0.1663		47700	50000	-4.6	20.0
Terphenyl-d14	Ave	1.195	1.278		53500	50000	6.9	20.0

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5794.d
Report Date: 13-Nov-2009 09:51

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5794.d
Lab Smp Id: CCVIS-277594
Inj Date : 13-NOV-2009 09:25
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : CCVIS-277594
Misc Info : 50 ppm bna 4425
Comment :
Method : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/8270C_08SP.m
Meth Date : 13-Nov-2009 09:51 croccom Quant Type: ISTD
Cal Date : 03-NOV-2009 16:05 Cal File: z5465.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.187	1.187	(0.347)	270360	50.0000	50
	71 Pyridine	79	1.204	1.204	(0.353)	479394	50.0000	49
$	16 2-Fluorophenol (SUR)	112	2.198	2.198	(0.644)	480779	50.0000	49
	110 Benzaldehyde	77	2.963	2.963	(0.867)	66538	50.0000	18
	73 Aniline	93	3.087	3.087	(0.904)	677509	50.0000	50(H)
$	17 Phenol-d5 (SUR)	99	3.104	3.104	(0.909)	515218	50.0000	48
	1 Phenol	94	3.116	3.116	(0.912)	520519	50.0000	42
	20 bis(2-Chloroethyl)ether	93	3.169	3.169	(0.928)	474920	50.0000	48
	2 2-Chlorophenol	128	3.210	3.210	(0.940)	531822	50.0000	49
	113 n-decane	43	3.287	3.287	(0.962)	370888	50.0000	46
	21 1,3-Dichlorobenzene	146	3.357	3.357	(0.983)	642866	50.0000	50
*	79 1,4-Dichlorobenzene-d4	152	3.416	3.416	(1.000)	313950	40.0000	
	22 1,4-Dichlorobenzene	146	3.434	3.434	(1.005)	631795	50.0000	50

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5794.d
Report Date: 13-Nov-2009 09:51

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	74 Benzyl Alcohol	108	3.592	3.592	(1.052)	301623	50.0000	52
	23 1,2-Dichlorobenzene	146	3.587	3.587	(1.050)	579041	50.0000	50
	24 bis (2-chloroisopropyl) ether	45	3.722	3.722	(1.090)	419439	50.0000	56
	3 2-Methylphenol	108	3.740	3.740	(1.095)	405948	50.0000	49
	126 O-Toluidine	107	3.845	3.845	(1.126)	656808	50.0000	50
	104 Acetophenone	105	3.857	3.857	(1.129)	622800	50.0000	49
	25 N-Nitroso-di-n-propylamine	70	3.875	3.875	(1.134)	285695	50.0000	50
	4 4-Methylphenol	108	3.898	3.898	(1.141)	422730	50.0000	49
	123 3 & 4 Methylphenol	108	3.898	3.898	(1.141)	422730	50.0000	48
	26 Hexachloroethane	117	3.928	3.928	(1.150)	246323	50.0000	50
$	76 Nitrobenzene-d5 (SUR)	82	3.998	3.998	(0.848)	504219	50.0000	52
	27 Nitrobenzene	77	4.022	4.022	(0.853)	629149	50.0000	49
	107 N,N-Dimethylaniline	120	4.028	4.028	(1.179)	724470	50.0000	48
	28 Isophorone	82	4.275	4.275	(0.906)	789732	50.0000	48
	5 2-Nitrophenol	139	4.345	4.345	(0.921)	267707	50.0000	49
	6 2,4-Dimethylphenol	122	4.434	4.434	(0.940)	388180	50.0000	48
	29 bis(2-Chloroethoxy)methane	93	4.516	4.516	(0.958)	487379	50.0000	49
	15 Benzoic Acid	122	4.616	4.616	(0.979)	160195	50.0000	50
	7 2,4-Dichlorophenol	162	4.604	4.604	(0.976)	358317	50.0000	48
	30 1,2,4-Trichlorobenzene	180	4.669	4.669	(0.990)	461696	50.0000	50
*	80 Naphthalene-d8	136	4.716	4.716	(1.000)	1064337	40.0000	
	31 Naphthalene	128	4.739	4.739	(1.005)	1352546	50.0000	49
	32 4-Chloroaniline	127	4.822	4.822	(1.022)	494022	50.0000	48
	33 Hexachlorobutadiene	225	4.886	4.886	(1.036)	278375	50.0000	49
	111 Caprolactam	113	5.216	5.216	(1.106)	101670	50.0000	46
	8 4-Chloro-3-methylphenol	107	5.357	5.357	(1.136)	345377	50.0000	46
	34 2-Methylnaphthalene	142	5.439	5.439	(1.153)	816245	50.0000	49
	120 1-Methylnaphthalene	142	5.534	5.534	(1.173)	804452	50.0000	48
	35 Hexachlorocyclopentadiene	237	5.610	5.610	(0.868)	292770	50.0000	62
	121 2-tert-Butyl-4-methylphenol	149	5.698	5.698	(1.208)	539779	50.0000	49
	9 2,4,6-Trichlorophenol	196	5.745	5.745	(0.889)	240650	50.0000	50
	10 2,4,5-Trichlorophenol	196	5.786	5.786	(0.895)	245284	50.0000	50
$	77 2-Fluorobiphenyl (SUR)	172	5.822	5.822	(0.901)	903771	50.0000	54
	36 2-Chloronaphthalene	162	5.922	5.922	(0.916)	720979	50.0000	51
	102 Diphenyl	154	5.916	5.916	(0.915)	894890	50.0000	51
	103 Diphenyl Ether	170	6.022	6.022	(0.932)	521387	50.0000	52
	37 2-Nitroaniline	65	6.045	6.045	(0.935)	190687	50.0000	46
	125 1,3-Dimethylnaphthalene	156	6.145	6.145	(0.951)	605539	50.0000	50
	114 Coumarin	146	6.239	6.239	(1.323)	232483	50.0000	43
	38 Dimethylphthalate	163	6.245	6.245	(0.966)	726492	50.0000	48
	40 2,6-Dinitrotoluene	165	6.292	6.292	(0.974)	171132	50.0000	49
	39 Acenaphthylene	152	6.322	6.322	(0.978)	1129497	50.0000	50
	41 3-Nitroaniline	138	6.451	6.451	(0.998)	165373	50.0000	44
*	82 Acenaphthene-d10	164	6.463	6.463	(1.000)	488746	40.0000	
	42 Acenaphthene	154	6.498	6.498	(1.005)	658022	50.0000	51
	122 2,6-Di-tert-butyl-p-cresol	205	6.528	6.528	(1.010)	651373	50.0000	51
	11 2,4-Dinitrophenol	184	6.557	6.557	(1.015)	82493	50.0000	43

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5794.d
Report Date: 13-Nov-2009 09:51

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	12 4-Nitrophenol	65	6.669	6.669	(1.032)	107663	50.0000	44
	43 Dibenzofuran	168	6.669	6.669	(1.032)	924004	50.0000	49
	44 2,4-Dinitrotoluene	165	6.686	6.686	(1.035)	208510	50.0000	45
	127 1-Naphthylamine	143	6.751	6.751	(1.045)	494336	50.0000	46
	128 2-Naphthylamine	143	6.828	6.828	(1.056)	478251	50.0000	43
	45 Diethylphthalate	149	6.939	6.939	(1.074)	704165	50.0000	46
	47 Fluorene	166	6.998	6.998	(1.083)	733167	50.0000	49
	46 4-Chlorophenyl-phenylether	204	7.016	7.016	(1.086)	373518	50.0000	50
	48 4-Nitroaniline	138	7.051	7.051	(1.091)	147379	50.0000	43
	13 4,6-Dinitro-2-methylphenol	198	7.080	7.080	(0.896)	106950	50.0000	49
	49 N-Nitrosodiphenylamine	169	7.139	7.139	(0.903)	455727	50.0000	50
	75 1,2-Diphenylhydrazine	77	7.169	7.169	(0.907)	766314	50.0000	52
$	18 2,4,6-Tribromophenol (SUR)	330	7.239	7.239	(1.120)	101576	50.0000	48
	50 4-Bromophenyl-phenylether	248	7.486	7.486	(0.947)	210614	50.0000	54
	51 Hexachlorobenzene	284	7.539	7.539	(0.954)	210407	50.0000	53
	112 Atrazine	200	7.686	7.686	(0.972)	147344	50.0000	45
	14 Pentachlorophenol	266	7.739	7.739	(0.979)	117003	50.0000	50
	115 n-Octadecane	57	7.875	7.875	(0.996)	351002	50.0000	52
*	83 Phenanthrene-d10	188	7.904	7.904	(1.000)	641116	40.0000	
	52 Phenanthrene	178	7.927	7.927	(1.003)	874847	50.0000	49
	53 Anthracene	178	7.975	7.975	(1.009)	873476	50.0000	49
	54 Carbazole	167	8.151	8.151	(1.031)	708648	50.0000	46
	55 Di-n-butylphthalate	149	8.527	8.527	(1.079)	948522	50.0000	47
	56 Fluoranthene	202	9.074	9.074	(1.148)	766400	50.0000	45
	58 Benzidine	184	9.257	9.257	(1.171)	6990	50.0000	3.1(aM)
	57 Pyrene	202	9.286	9.286	(0.886)	750383	50.0000	53
$	78 Terphenyl-d14	244	9.474	9.474	(0.904)	582275	50.0000	53
	59 Butylbenzylphthalate	149	9.974	9.974	(0.952)	293312	50.0000	50
	109 2,3,7,8-TCDD (Screen)	320	10.033	10.033	(0.957)	677	0.50000	0.36(a)
	124 Carbamazepine	193	10.051	10.051	(0.959)	178715	50.0000	47
	61 Benzo(a)anthracene	228	10.468	10.468	(0.999)	490281	50.0000	48
	60 3,3'-Dichlorobenzidine	252	10.468	10.468	(0.999)	117504	50.0000	45
*	81 Chrysene-d12	240	10.480	10.480	(1.000)	364522	40.0000	
	62 Chrysene	228	10.504	10.504	(1.002)	471464	50.0000	50
	63 bis(2-Ethylhexyl)phthalate	149	10.574	10.574	(1.009)	379792	50.0000	49
	64 Di-n-octylphthalate	149	11.304	11.304	(0.933)	475297	50.0000	48
	65 Benzo(b)fluoranthene	252	11.657	11.657	(0.963)	335845	50.0000	54
	66 Benzo(k)fluoranthene	252	11.692	11.692	(0.966)	371763	50.0000	50
	67 Benzo(a)pyrene	252	12.039	12.039	(0.994)	286260	50.0000	50
*	84 Perylene-d12	264	12.110	12.110	(1.000)	220704	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.415	13.415	(1.108)	244609	50.0000	57
	69 Dibenz(a,h)anthracene	278	13.451	13.451	(1.111)	259235	50.0000	52
	70 Benzo(g,h,i)perylene	276	13.727	13.727	(1.134)	259122	50.0000	60

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5794.d
Report Date: 13-Nov-2009 09:51

QC Flag Legend

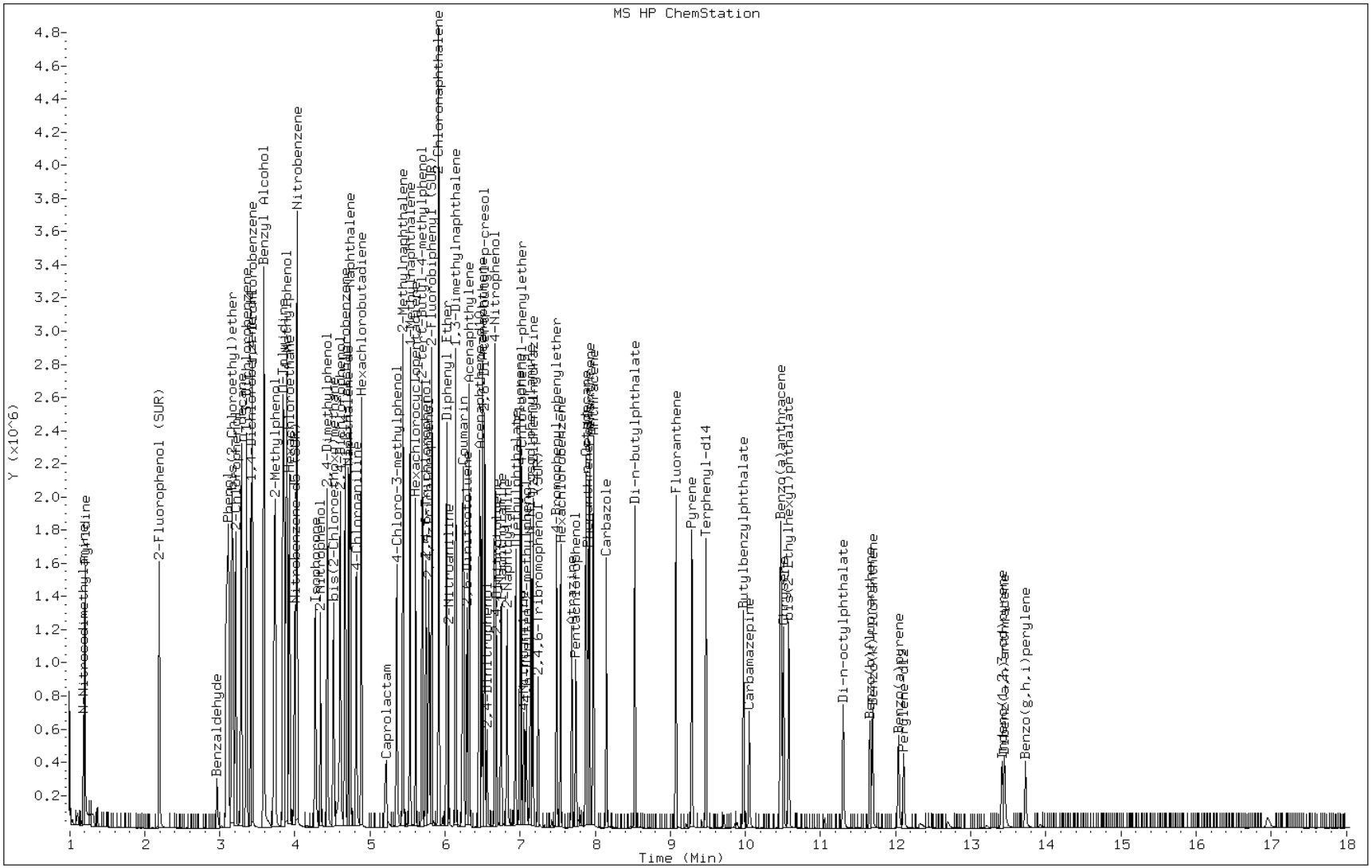
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z5794.d

Date: 13-NOV-2009 09:25

Client ID: Instrument: BNAMS11.i

Sample Info: CCVIS-277594 Operator: BNAMS 4



Manual Integration Report

Data File: z5794.d
Inj. Date and Time: 13-NOV-2009 09:25
Instrument ID: BNAMS11.i
Client ID:
Compound: 58 Benzidine
CAS #: 92-87-5
Report Date: 11/13/2009

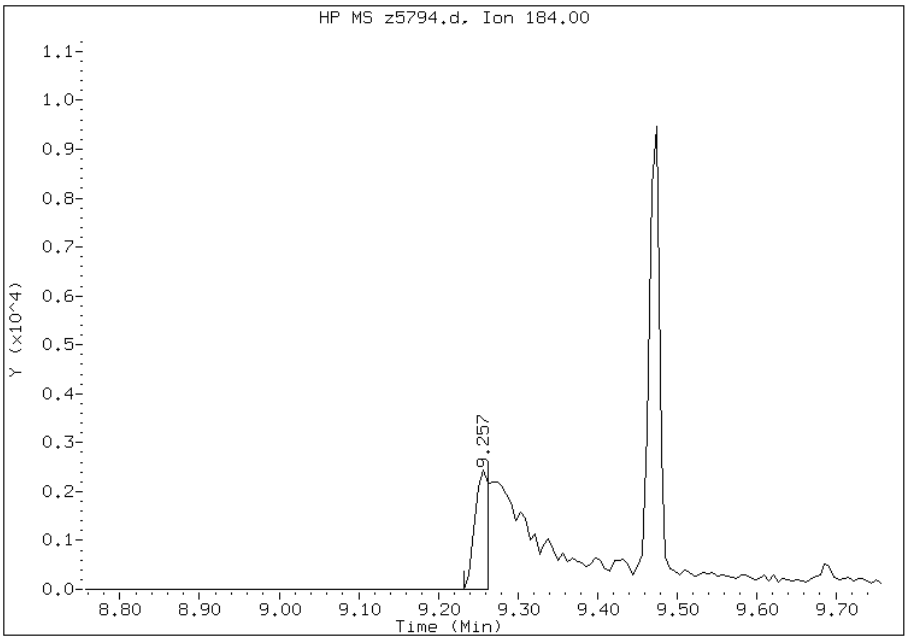
Processing Integration Results

RT: 9.26

Response: 2894

Amount: 1

Conc: 1



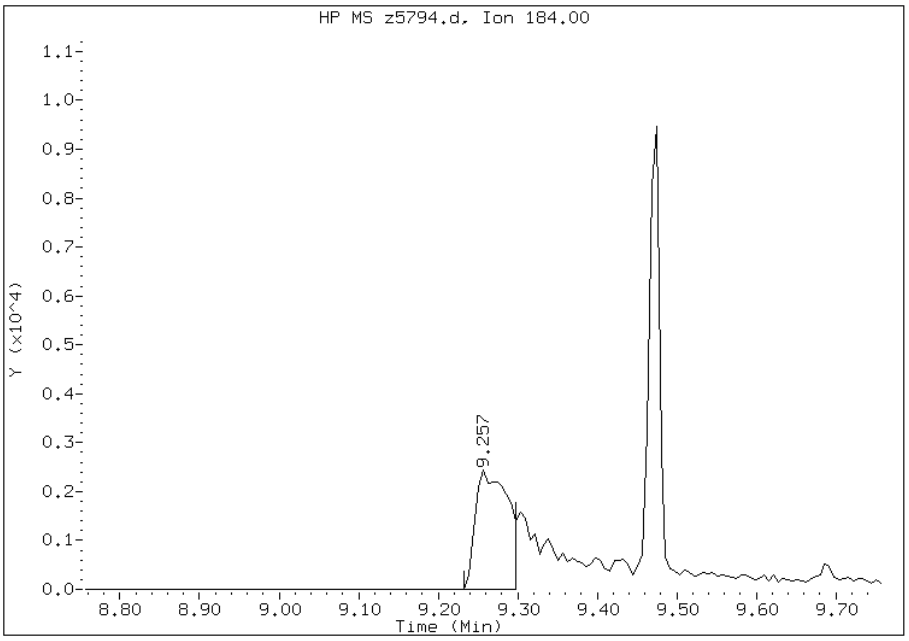
Manual Integration Results

RT: 9.26

Response: 6990

Amount: 3

Conc: 3



Manually Integrated By: rusin
Manual Integration Reason: Split Peak

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab Sample ID: CCVIS 460-23191/2 Calibration Date: 11/17/2009 10:45

Instrument ID: BNAMS11 Calib Start Date: 11/16/2009 02:14

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 11/16/2009 04:19

Lab File ID: z5919.d Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave		0.0000		10.0	50000		20.0
N-Nitrosodimethylamine	Ave	0.6648	0.6824		51300	50000	2.7	20.0
Pyridine	Ave	1.242	1.235		49700	50000	-0.6	20.0
Benzaldehyde	Ave	0.3457	0.2432		35200	50000	-29.7*	20.0
Aniline	Ave	1.671	1.744		52200	50000	4.4	20.0
Phenol	Ave	1.484	1.402		47200	50000	-5.5	20.0
Bis(2-chloroethyl)ether	Ave	1.203	1.195		49700	50000	-0.7	20.0
2-Chlorophenol	Ave	1.369	1.345		49100	50000	-1.7	20.0
n-Decane	Ave	1.021	0.9377		45900	50000	-8.2	20.0
1,3-Dichlorobenzene	Ave	1.618	1.616		49900	50000	-0.1	20.0
1,4-Dichlorobenzene	Ave	1.614	1.605		49700	50000	-0.5	20.0
1,2-Dichlorobenzene	Ave	1.489	1.483		49800	50000	-0.5	20.0
Benzyl alcohol	Ave	0.7531	0.7822		51900	50000	3.9	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.179	1.093		46400	50000	-7.3	20.0
2-Methylphenol	Ave	1.086	1.055		48600	50000	-2.9	20.0
2-Toluidine	Ave	1.735	1.696		48900	50000	-2.2	20.0
Acetophenone	Ave	1.692	1.631		48200	50000	-3.6	20.0
N-Nitrosodi-n-propylamine	Ave	0.7689	0.7423	0.0500	48300	50000	-3.5	20.0
3 & 4 Methylphenol	Ave	1.176	1.116		47500	50000	-5.1	20.0
4-Methylphenol	Ave	1.162	1.116		48000	50000	-3.9	20.0
Hexachloroethane	Ave	0.6292	0.6266		49800	50000	-0.4	20.0
Nitrobenzene	Ave	0.4862	0.4753		48900	50000	-2.2	20.0
n,n'-Dimethylaniline	Ave	1.996	1.892		47400	50000	-5.2	20.0
Isophorone	Ave	0.6179	0.5964		48300	50000	-3.5	20.0
2-Nitrophenol	Ave	0.1966	0.2076		52800	50000	5.6	20.0
2,4-Dimethylphenol	Ave	0.3054	0.2961		48500	50000	-3.0	20.0
Bis(2-chloroethoxy)methane	Ave	0.3692	0.3664		49600	50000	-0.8	20.0
2,4-Dichlorophenol	Ave	0.2827	0.2762		48800	50000	-2.3	20.0
Benzoic acid	LinF	0.1254	0.1471		47900	50000	-4.2	20.0
1,2,4-Trichlorobenzene	Ave	0.3408	0.3430		50300	50000	0.7	20.0
Naphthalene	Ave	1.036	1.031		49700	50000	-0.5	20.0
4-Chloroaniline	Ave	0.3830	0.3862		50400	50000	0.9	20.0
Hexachlorobutadiene	Ave	0.2124	0.2089		49200	50000	-1.6	20.0
Caprolactam	Ave	0.0830	0.0872		52500	50000	5.0	20.0
4-Chloro-3-methylphenol	Ave	0.2817	0.2776		49300	50000	-1.5	20.0
2-Methylnaphthalene	Ave	0.6422	0.6231		48500	50000	-3.0	20.0
1-Methylnaphthalene	Ave	0.6286	0.6183		49200	50000	-1.6	20.0
Hexachlorocyclopentadiene	Ave	0.3847	0.4517	0.0500	58700	50000	17.4	20.0
2-tertbutyl-4-methylphenol	Ave	0.4513	0.4271		47300	50000	-5.4	20.0
2,4,6-Trichlorophenol	Ave	0.3876	0.3924		50600	50000	1.2	20.0
2,4,5-Trichlorophenol	Ave	0.3966	0.4118		51900	50000	3.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab Sample ID: CCVIS 460-23191/2 Calibration Date: 11/17/2009 10:45

Instrument ID: BNAMS11 Calib Start Date: 11/16/2009 02:14

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 11/16/2009 04:19

Lab File ID: z5919.d Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.432	1.435		50100	50000	0.2	20.0
2-Chloronaphthalene	Ave	1.125	1.149		51100	50000	2.2	20.0
Phenyl ether	Ave	0.8135	0.8299		51000	50000	2.0	20.0
2-Nitroaniline	Ave	0.3487	0.3079		44100	50000	-11.7	20.0
1,3-Dimethylnaphthalene	Ave	0.9497	0.9756		51400	50000	2.7	20.0
Coumarin	Ave	0.2089	0.1996		47800	50000	-4.5	20.0
Dimethyl phthalate	Ave	1.252	1.228		49000	50000	-1.9	20.0
2,6-Dinitrotoluene	Ave	0.2843	0.2875		50600	50000	1.1	20.0
Acenaphthylene	Ave	1.822	1.820		49900	50000	-0.1	20.0
3-Nitroaniline	Ave	0.3001	0.3013		50200	50000	0.4	20.0
Acenaphthene	Ave	1.068	1.070		50100	50000	0.2	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.082	1.040		48100	50000	-3.9	20.0
2,4-Dinitrophenol	QuaF	0.1382	0.1603	0.0500	54300	50000	8.6	20.0
Dibenzofuran	Ave	1.548	1.545		49900	50000	-0.2	20.0
4-Nitrophenol	Ave	0.2109	0.2050	0.0500	48600	50000	-2.8	20.0
2,4-Dinitrotoluene	Ave	0.3785	0.3609		47700	50000	-4.6	20.0
2-Naphthylamine	Ave	0.9598	0.8501		44300	50000	-11.4	20.0
Diethyl phthalate	Ave	1.255	1.215		48400	50000	-3.2	20.0
Fluorene	Ave	1.234	1.217		49300	50000	-1.4	20.0
4-Chlorophenyl phenyl ether	Ave	0.6192	0.6193		50000	50000	0.0	20.0
4-Nitroaniline	Ave	0.2741	0.2579		47000	50000	-5.9	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1291	0.1492		57800	50000	15.6	20.0
N-Nitrosodiphenylamine	Ave	0.5701	0.5895		51700	50000	3.4	20.0
1,2-Diphenylhydrazine	Ave	0.9242	0.9620		52000	50000	4.1	20.0
4-Bromophenyl phenyl ether	Ave	0.2444	0.2580		52800	50000	5.6	20.0
Hexachlorobenzene	Ave	0.2531	0.2678		52900	50000	5.8	20.0
Atrazine	Ave	0.2061	0.1979		48000	50000	-4.0	20.0
Pentachlorophenol	Ave	0.1451	0.1540		53100	50000	6.1	20.0
n-Octadecane	Ave	0.4190	0.4122		49200	50000	-1.6	20.0
Phenanthrene	Ave	1.098	1.145		52200	50000	4.3	20.0
Anthracene	Ave	1.111	1.118		50300	50000	0.7	20.0
Carbazole	Ave	0.9568	0.9464		49500	50000	-1.1	20.0
Di-n-butyl phthalate	Ave	1.237	1.232		49800	50000	-0.4	20.0
Fluoranthene	Ave	1.041	1.000		48000	50000	-3.9	20.0
Benzidine	Ave	0.1153	0.0337		14600	50000	-70.8*	20.0
Pyrene	Ave	1.497	1.538		51400	50000	2.7	20.0
Butyl benzyl phthalate	Ave	0.6148	0.6460		52500	50000	5.1	20.0
2,3,7,8-TCDD	Ave	0.1374	0.1500		546	500	9.2	20.0
Carbamazepine	LinF	0.3584	0.4380		50100	50000	0.2	20.0
3,3'-Dichlorobenzidine	Ave	0.2654	0.2659		50100	50000	0.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab Sample ID: CCVIS 460-23191/2 Calibration Date: 11/17/2009 10:45

Instrument ID: BNAMS11 Calib Start Date: 11/16/2009 02:14

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 11/16/2009 04:19

Lab File ID: z5919.d Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[a]anthracene	Ave	1.071	1.088		50800	50000	1.6	20.0
Chrysene	Ave	1.009	1.057		52400	50000	4.8	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8082	0.8270		51200	50000	2.3	20.0
Di-n-octyl phthalate	LinF	1.915	1.866		41900	50000	-16.1	20.0
Benzo[b]fluoranthene	LinF	1.135	1.216		47300	50000	-5.3	20.0
Benzo[k]fluoranthene	Ave	1.380	1.457		52800	50000	5.6	20.0
Benzo[a]pyrene	LinF	0.9308	1.048		48800	50000	-2.4	20.0
Indeno[1,2,3-cd]pyrene	LinF	0.6246	0.8098		52000	50000	3.9	20.0
Dibenz(a,h)anthracene	LinF	0.6941	0.8435		50100	50000	0.1	20.0
Benzo[g,h,i]perylene	Ave	0.7295	0.8511		58300	50000	16.7	20.0
2-Fluorophenol	Ave	1.185	1.199		50600	50000	1.2	20.0
Phenol-d5	Ave	1.361	1.319		48500	50000	-3.1	20.0
Nitrobenzene-d5	Ave	0.3698	0.3750		50700	50000	1.4	20.0
2-Fluorobiphenyl	Ave	1.381	1.426		51600	50000	3.2	20.0
2,4,6-Tribromophenol	Ave	0.1773	0.1729		48800	50000	-2.5	20.0
Terphenyl-d14	Ave	1.189	1.203		50600	50000	1.2	20.0

Data File: /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5919.d
Report Date: 17-Nov-2009 11:05

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5919.d
Lab Smp Id: CCVIS-277594
Inj Date : 17-NOV-2009 10:45
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : CCVIS-277594
Misc Info : 50 ppm bna 4425
Comment :
Method : /chem/BNAMS11.i/8270/11-16-09/17nov09.b/8270C_08SP.m
Meth Date : 17-Nov-2009 11:05 croccom Quant Type: ISTD
Cal Date : 16-NOV-2009 04:19 Cal File: z5848.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.116	1.116	(0.337)	261470	50.0000	51
	71 Pyridine	79	1.128	1.128	(0.340)	473276	50.0000	50
$	16 2-Fluorophenol (SUR)	112	2.110	2.110	(0.636)	459497	50.0000	51
	110 Benzaldehyde	77	2.869	2.869	(0.865)	93177	50.0000	35
	73 Aniline	93	2.992	2.992	(0.902)	668267	50.0000	52
$	17 Phenol-d5 (SUR)	99	3.010	3.010	(0.908)	505437	50.0000	48
	1 Phenol	94	3.028	3.028	(0.913)	537270	50.0000	47
	20 bis(2-Chloroethyl)ether	93	3.075	3.075	(0.927)	457935	50.0000	50
	2 2-Chlorophenol	128	3.116	3.116	(0.940)	515455	50.0000	49
	113 n-decane	43	3.192	3.192	(0.963)	359283	50.0000	46
	21 1,3-Dichlorobenzene	146	3.257	3.257	(0.982)	619150	50.0000	50
*	79 1,4-Dichlorobenzene-d4	152	3.316	3.316	(1.000)	306520	40.0000	
	22 1,4-Dichlorobenzene	146	3.334	3.334	(1.005)	615133	50.0000	50

Data File: /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5919.d
Report Date: 17-Nov-2009 11:05

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	74 Benzyl Alcohol	108	3.498	3.498	(1.055)	299716	50.0000	52
	23 1,2-Dichlorobenzene	146	3.487	3.487	(1.051)	568067	50.0000	50
	24 bis (2-chloroisopropyl) ether	45	3.634	3.634	(1.096)	418785	50.0000	46
	3 2-Methylphenol	108	3.645	3.645	(1.099)	404156	50.0000	48
	126 O-Toluidine	107	3.751	3.751	(1.131)	650010	50.0000	49
	104 Acetophenone	105	3.763	3.763	(1.135)	625069	50.0000	48
	25 N-Nitroso-di-n-propylamine	70	3.787	3.787	(1.142)	284392	50.0000	48
	4 4-Methylphenol	108	3.810	3.810	(1.149)	427654	50.0000	48
	123 3 & 4 Methylphenol	108	3.810	3.810	(1.149)	427654	50.0000	47
	26 Hexachloroethane	117	3.834	3.834	(1.156)	240067	50.0000	50
$	76 Nitrobenzene-d5 (SUR)	82	3.904	3.904	(0.844)	496898	50.0000	51
	27 Nitrobenzene	77	3.934	3.934	(0.850)	629790	50.0000	49
	107 N,N-Dimethylaniline	120	3.939	3.939	(1.188)	724991	50.0000	47
	28 Isophorone	82	4.187	4.187	(0.905)	790210	50.0000	48
	5 2-Nitrophenol	139	4.251	4.251	(0.919)	274988	50.0000	53
	6 2,4-Dimethylphenol	122	4.351	4.351	(0.940)	392354	50.0000	48
	29 bis(2-Chloroethoxy)methane	93	4.434	4.434	(0.958)	485444	50.0000	50
	15 Benzoic Acid	122	4.551	4.551	(0.983)	194911	50.0000	48
	7 2,4-Dichlorophenol	162	4.516	4.516	(0.976)	365889	50.0000	49
	30 1,2,4-Trichlorobenzene	180	4.581	4.581	(0.990)	454440	50.0000	50
*	80 Naphthalene-d8	136	4.628	4.628	(1.000)	1059948	40.0000	
	31 Naphthalene	128	4.651	4.651	(1.005)	1365476	50.0000	50
	32 4-Chloroaniline	127	4.734	4.734	(1.023)	511711	50.0000	50
	33 Hexachlorobutadiene	225	4.798	4.798	(1.037)	276765	50.0000	49
	111 Caprolactam	113	5.139	5.139	(1.111)	115482	50.0000	52
	8 4-Chloro-3-methylphenol	107	5.281	5.281	(1.141)	367755	50.0000	49
	34 2-Methylnaphthalene	142	5.351	5.351	(1.156)	825514	50.0000	48
	120 1-Methylnaphthalene	142	5.445	5.445	(1.177)	819200	50.0000	49
	35 Hexachlorocyclopentadiene	237	5.522	5.522	(0.866)	292336	50.0000	59
	121 2-tert-Butyl-4-methylphenol	149	5.622	5.622	(1.215)	565892	50.0000	47
	9 2,4,6-Trichlorophenol	196	5.663	5.663	(0.888)	253959	50.0000	51
	10 2,4,5-Trichlorophenol	196	5.704	5.704	(0.895)	266468	50.0000	52
$	77 2-Fluorobiphenyl (SUR)	172	5.739	5.739	(0.900)	922670	50.0000	52
	36 2-Chloronaphthalene	162	5.833	5.833	(0.915)	743893	50.0000	51
	102 Diphenyl	154	5.828	5.828	(0.914)	928810	50.0000	50
	103 Diphenyl Ether	170	5.939	5.939	(0.932)	537052	50.0000	51
	37 2-Nitroaniline	65	5.963	5.963	(0.935)	199248	50.0000	44
	125 1,3-Dimethylnaphthalene	156	6.057	6.057	(0.950)	631377	50.0000	51
	114 Coumarin	146	6.151	6.151	(1.329)	264457	50.0000	48
	38 Dimethylphthalate	163	6.169	6.169	(0.968)	794444	50.0000	49
	40 2,6-Dinitrotoluene	165	6.210	6.210	(0.974)	186058	50.0000	50
	39 Acenaphthylene	152	6.233	6.233	(0.978)	1177661	50.0000	50
	41 3-Nitroaniline	138	6.375	6.375	(1.000)	194986	50.0000	50
*	82 Acenaphthene-d10	164	6.375	6.375	(1.000)	517731	40.0000	
	42 Acenaphthene	154	6.410	6.410	(1.006)	692540	50.0000	50
	122 2,6-Di-tert-butyl-p-cresol	205	6.451	6.451	(1.012)	673321	50.0000	48
	11 2,4-Dinitrophenol	184	6.480	6.480	(1.017)	103717	50.0000	54

Data File: /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5919.d
Report Date: 17-Nov-2009 11:05

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	12	4-Nitrophenol	65	6.592	6.592	(1.034)	132689	50.0000	49
	43	Dibenzofuran	168	6.580	6.580	(1.032)	1000004	50.0000	50
	44	2,4-Dinitrotoluene	165	6.610	6.610	(1.037)	233580	50.0000	48
	127	1-Naphthylamine	143	6.669	6.669	(1.046)	572339	50.0000	47
	128	2-Naphthylamine	143	6.745	6.745	(1.058)	550174	50.0000	44
	45	Diethylphthalate	149	6.863	6.863	(1.077)	786316	50.0000	48
	47	Fluorene	166	6.916	6.916	(1.085)	787366	50.0000	49
	46	4-Chlorophenyl-phenylether	204	6.939	6.939	(1.089)	400802	50.0000	50
	48	4-Nitroaniline	138	6.980	6.980	(1.095)	166922	50.0000	47(H)
	13	4,6-Dinitro-2-methylphenol	198	7.010	7.010	(0.896)	129458	50.0000	58
	49	N-Nitrosodiphenylamine	169	7.063	7.063	(0.903)	511459	50.0000	52
	75	1,2-Diphenylhydrazine	77	7.092	7.092	(0.907)	834602	50.0000	52
$	18	2,4,6-Tribromophenol (SUR)	330	7.157	7.157	(1.123)	111867	50.0000	49
	50	4-Bromophenyl-phenylether	248	7.410	7.410	(0.947)	223794	50.0000	53
	51	Hexachlorobenzene	284	7.457	7.457	(0.953)	232340	50.0000	53
	112	Atrazine	200	7.616	7.616	(0.974)	171721	50.0000	48
	14	Pentachlorophenol	266	7.663	7.663	(0.980)	133634	50.0000	53
	115	n-Octadecane	57	7.810	7.810	(0.998)	357646	50.0000	49
*	83	Phenanthrene-d10	188	7.822	7.822	(1.000)	694050	40.0000	
	52	Phenanthrene	178	7.845	7.845	(1.003)	993699	50.0000	52
	53	Anthracene	178	7.898	7.898	(1.010)	970192	50.0000	50
	54	Carbazole	167	8.069	8.069	(1.032)	821045	50.0000	49
	55	Di-n-butylphthalate	149	8.463	8.463	(1.082)	1069037	50.0000	50
	56	Fluoranthene	202	9.004	9.004	(1.151)	867958	50.0000	48
	58	Benzidine	184	9.163	9.163	(1.171)	29248	50.0000	15
	57	Pyrene	202	9.216	9.216	(0.884)	864474	50.0000	51
$	78	Terphenyl-d14	244	9.404	9.404	(0.902)	676152	50.0000	51
	59	Butylbenzylphthalate	149	9.921	9.921	(0.952)	363068	50.0000	52
	109	2,3,7,8-TCDD (Screen)	320	9.963	9.963	(0.956)	843	0.50000	0.55
	124	Carbamazepine	193	9.992	9.992	(0.959)	246175	50.0000	50
	61	Benzo(a)anthracene	228	10.410	10.410	(0.999)	611666	50.0000	51
	60	3,3'-Dichlorobenzidine	252	10.410	10.410	(0.999)	149460	50.0000	50
*	81	Chrysene-d12	240	10.421	10.421	(1.000)	449607	40.0000	
	62	Chrysene	228	10.445	10.445	(1.002)	594284	50.0000	52
	63	bis(2-Ethylhexyl)phthalate	149	10.533	10.533	(1.011)	464785	50.0000	51
	64	Di-n-octylphthalate	149	11.239	11.239	(0.935)	628770	50.0000	42
	65	Benzo(b)fluoranthene	252	11.580	11.580	(0.963)	409720	50.0000	47
	66	Benzo(k)fluoranthene	252	11.610	11.610	(0.966)	490783	50.0000	53
	67	Benzo(a)pyrene	252	11.951	11.951	(0.994)	353059	50.0000	49
*	84	Perylene-d12	264	12.021	12.021	(1.000)	269503	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	13.339	13.339	(1.110)	272811	50.0000	52(M)
	69	Dibenz(a,h)anthracene	278	13.386	13.386	(1.113)	284167	50.0000	50
	70	Benzo(g,h,i)perylene	276	13.656	13.656	(1.136)	286701	50.0000	58

Data File: /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5919.d
Report Date: 17-Nov-2009 11:05

QC Flag Legend

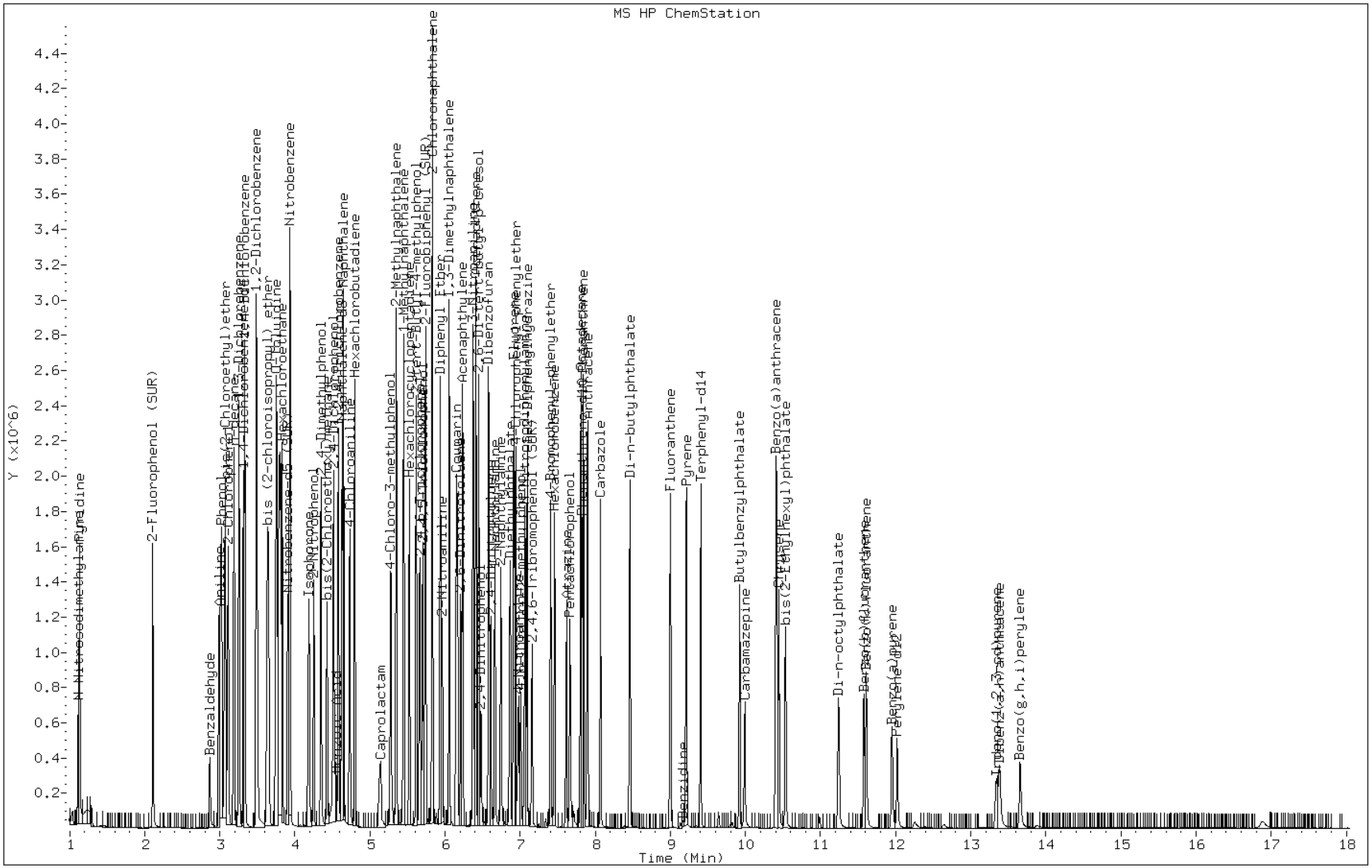
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z5919.d

Date: 17-NOV-2009 10:45

Client ID: Instrument: BNAMS11.i

Sample Info: CCVIS-277594 Operator: BNAMS 4



Manual Integration Report

Data File: z5919.d
Inj. Date and Time: 17-NOV-2009 10:45
Instrument ID: BNAMS11.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 11/19/2009

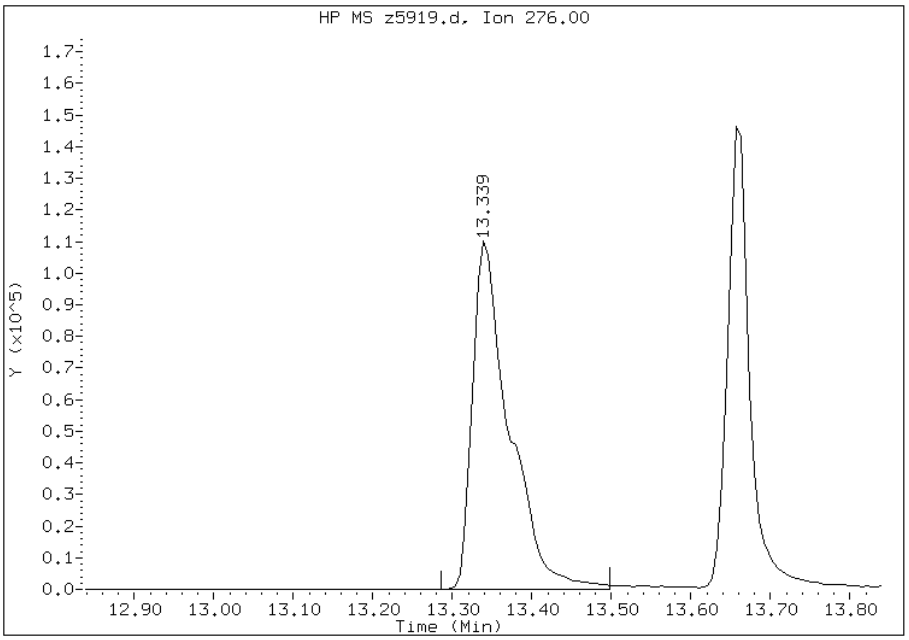
Processing Integration Results

RT: 13.34

Response: 351022

Amount: 67

Conc: 67



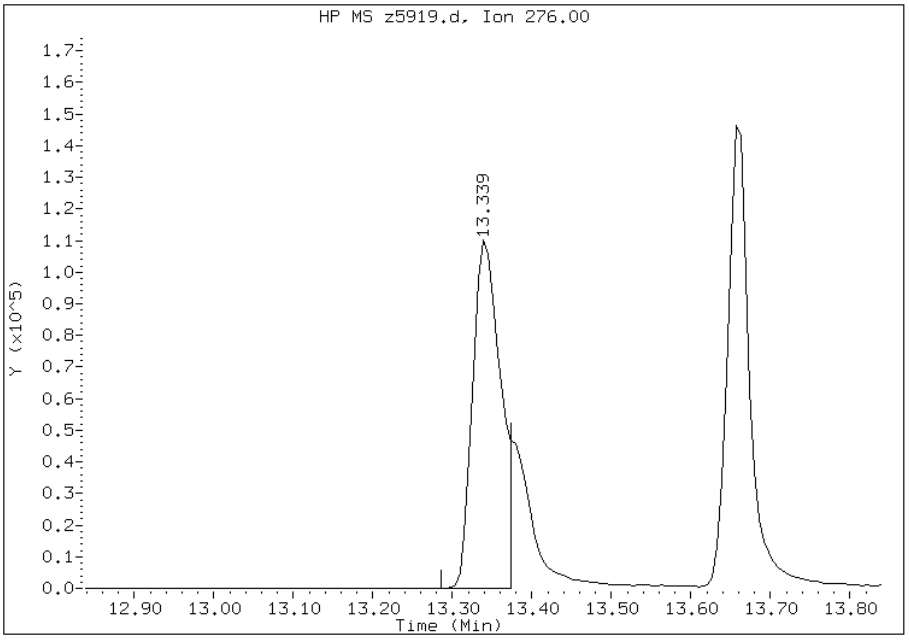
Manual Integration Results

RT: 13.34

Response: 272811

Amount: 52

Conc: 52



Manually Integrated By: rusin
Manual Integration Reason:

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5459.d
Report Date: 04-Nov-2009 07:08

TestAmerica

Data file : /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5459.d
Lab Smp Id: DFTPP-61180
Inj Date : 03-NOV-2009 13:41
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-61180
Misc Info : 25 ppm dftpp bna4379
Comment :
Method : /chem/BNAMS11.i/8270/11-03-09/03nov09.b/BNADFTPP.m
Meth Date : 13-Oct-2009 08:16 croccom Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.476	4.901	-0.425	198	18872			0.00- 100.00	100.00
4.476	4.901	-0.425	51	7565			30.00- 60.00	40.09
4.476	4.901	-0.425	68	0			0.00- 2.00	0.00
4.476	4.901	-0.425	69	7043			0.00- 0.00	37.32
4.476	4.901	-0.425	70	0			0.00- 2.00	0.00
4.476	4.901	-0.425	127	9807			40.00- 60.00	51.97
4.476	4.901	-0.425	197	0			0.00- 1.00	0.00
4.476	4.901	-0.425	199	1217			5.00- 9.00	6.45
4.476	4.901	-0.425	275	4811			10.00- 30.00	25.49
4.476	4.901	-0.425	365	536			1.00- 0.00	2.84
4.476	4.901	-0.425	441	2111			0.01- 100.00	70.65
4.476	4.901	-0.425	442	14885			40.00- 110.00	78.87
4.476	4.901	-0.425	443	2988			17.00- 23.00	20.07

Data File: z5459.d

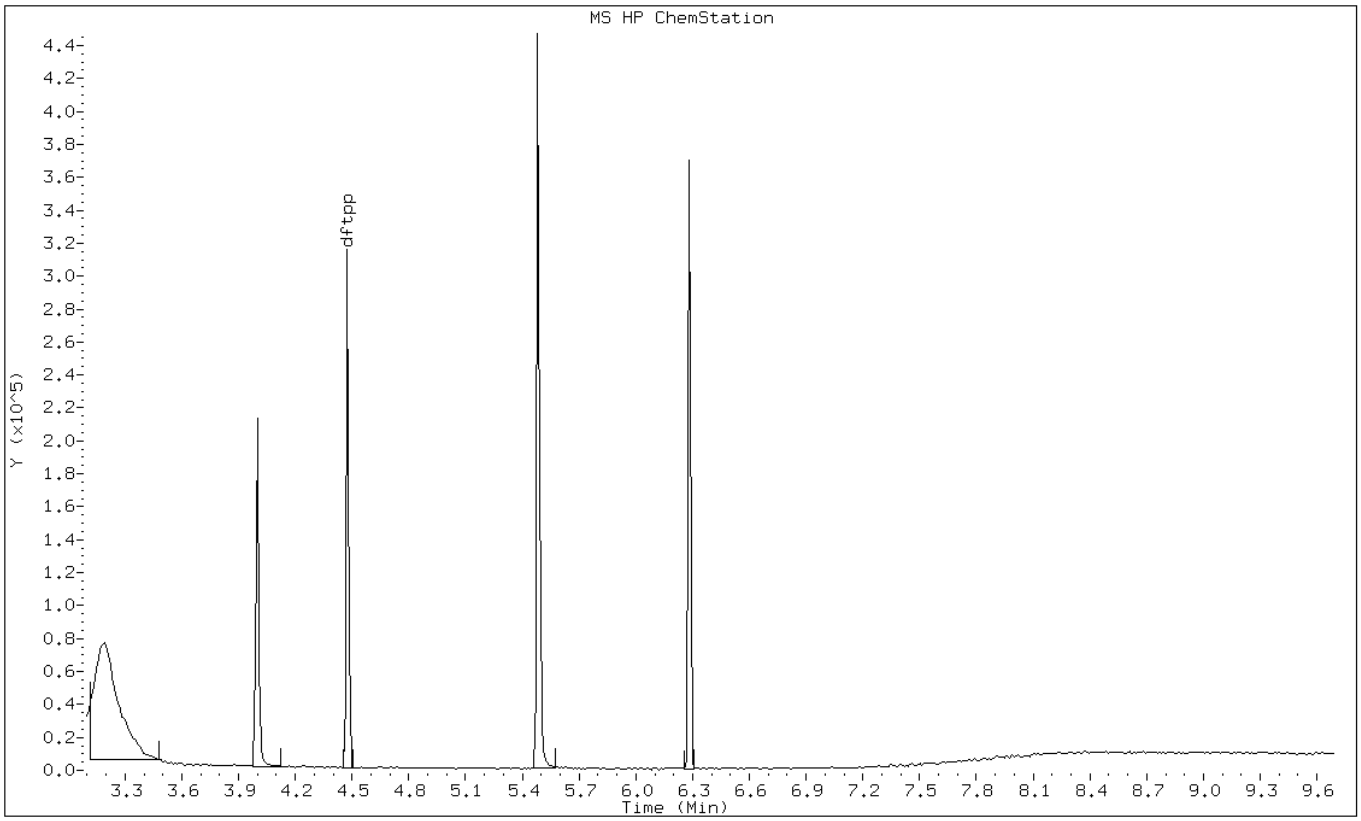
Date: 03-NOV-2009 13:41

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-61180

Operator: BNA2



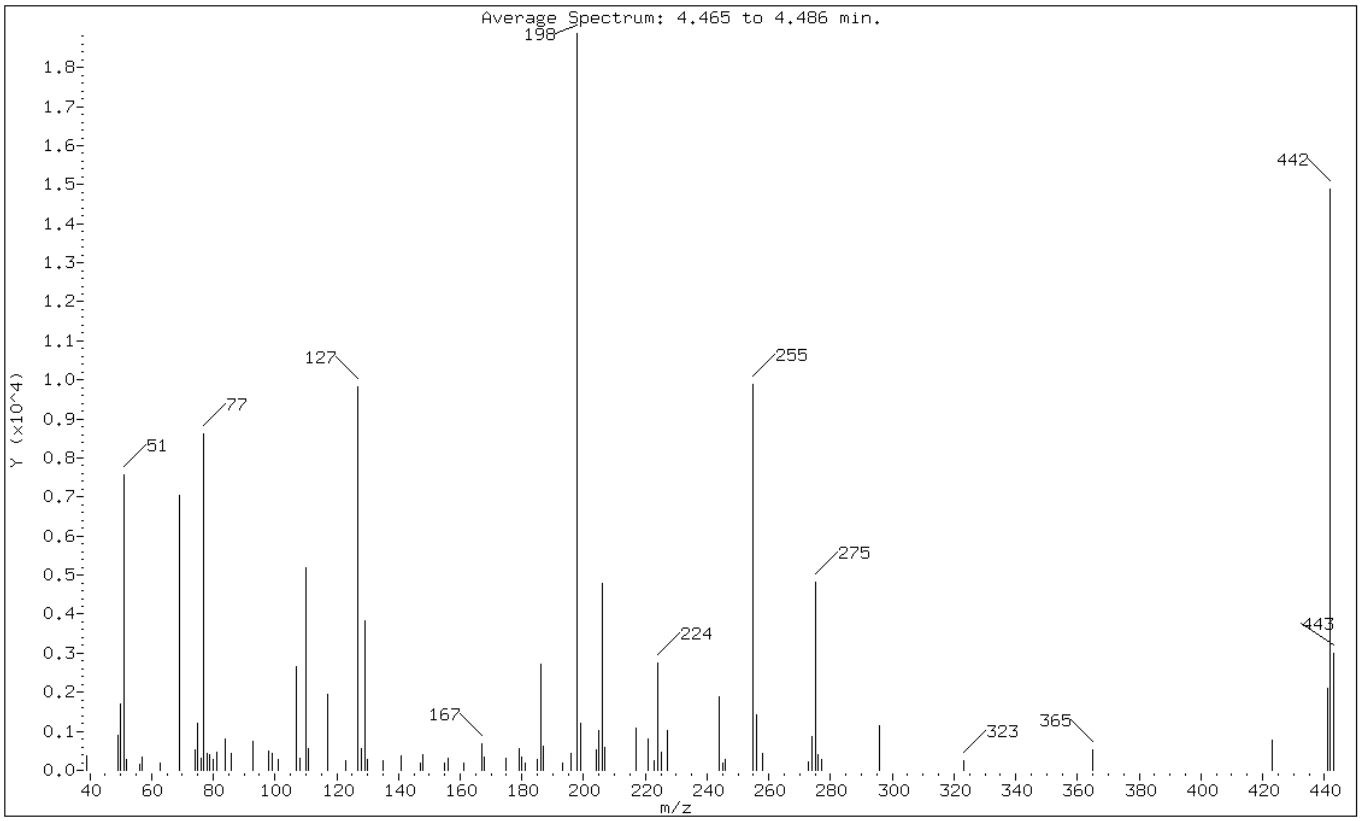
Data File: z5459.d

Date: 03-NOV-2009 13:41

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-61180 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	40.09
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	37.32
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	51.97
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.45
275	10.00 - 30.00% of mass 198	25.49
365	Greater than 1.00% of mass 198	2.84
441	0.01 - 100.00% of mass 443	11.19 (70.65)
442	40.00 - 110.00% of mass 198	78.87
443	17.00 - 23.00% of mass 442	15.83 (20.07)

Data File: z5459.d

Date: 03-NOV-2009 13:41

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-61180 Operator: BNA2

Data File: /chem/BNAMS11.i/8270/11-03-09/03nov09.b/z5459.d
Spectrum: Average Spectrum: 4.465 to 4.486 min.
Location of Maximum: 198.00
Number of points: 81

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	361	99.00	435	175.00	321	244.00	1884
49.00	897	101.00	270	179.00	542	245.00	185
50.00	1686	107.00	2642	180.00	352	246.00	281
51.00	7565	108.00	324	181.00	180	255.00	9871
52.00	293	110.00	5180	185.00	264	256.00	1422
56.00	166	111.00	550	186.00	2716	258.00	434
57.00	334	117.00	1941	187.00	612	273.00	213
63.00	200	123.00	239	193.00	189	274.00	874
69.00	7043	127.00	9807	196.00	428	275.00	4811
74.00	516	128.00	546	198.00	18872	276.00	407
75.00	1193	129.00	3822	199.00	1217	277.00	278
76.00	295	130.00	265	204.00	534	296.00	1138
77.00	8612	135.00	244	205.00	1022	323.00	236
78.00	424	141.00	370	206.00	4777	365.00	536
79.00	411	147.00	192	207.00	575	423.00	781
80.00	291	148.00	412	217.00	1073	441.00	2111
81.00	466	155.00	180	221.00	794	442.00	14885
84.00	807	156.00	314	223.00	243	443.00	2988
86.00	444	161.00	170	224.00	2759		
93.00	752	167.00	680	225.00	459		
98.00	489	168.00	351	227.00	1029		

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5793.d
Report Date: 13-Nov-2009 09:15

TestAmerica

Data file : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5793.d
Lab Smp Id: DFTPP-61180
Inj Date : 13-NOV-2009 09:08
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-61180
Misc Info : 25 ppm dftpp bna4379
Comment   :
Method   : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/BNADFTPP.m
Meth Date : 05-Nov-2009 22:36 asfawa Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

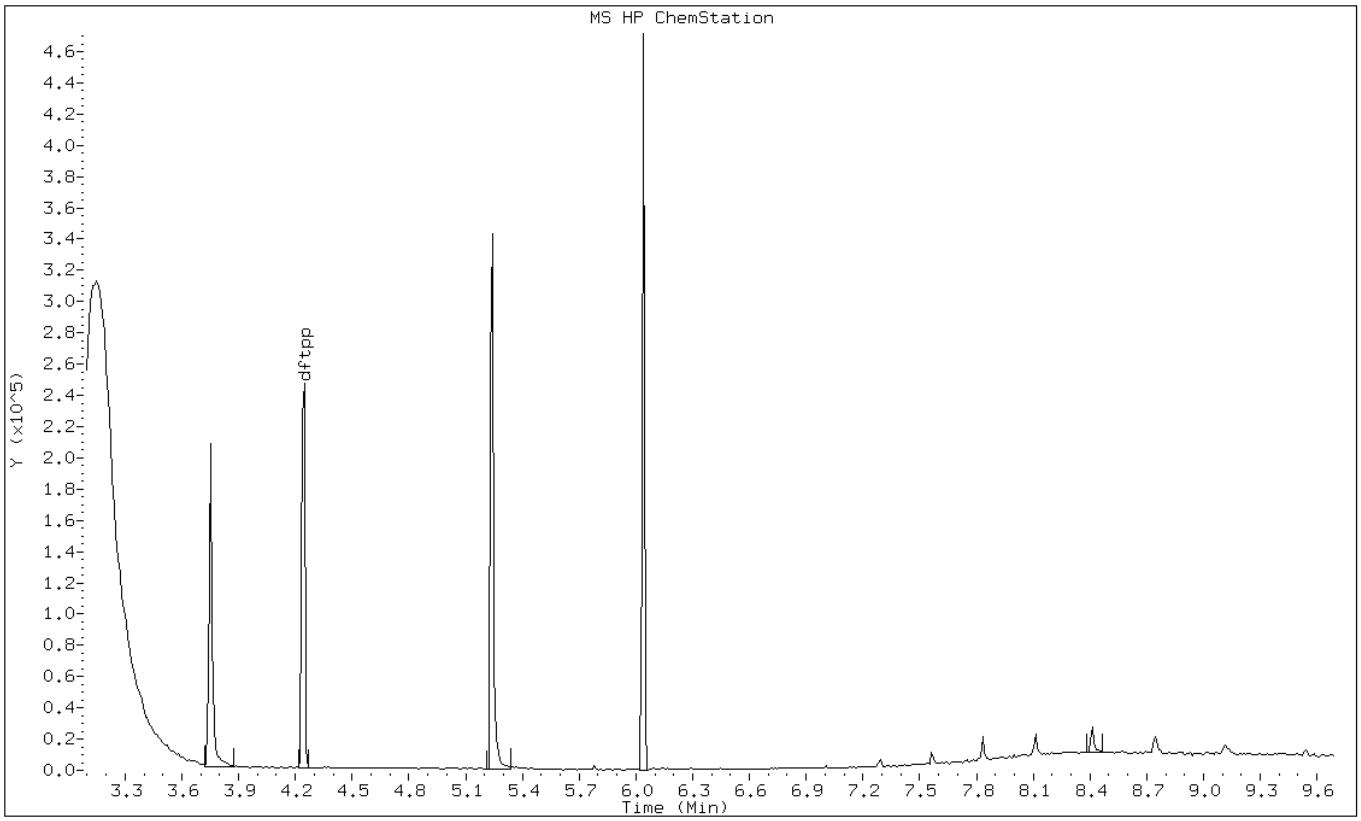
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.247	4.420	-0.173	198	21010			0.00- 100.00	100.00
4.247	4.420	-0.173	51	7918			30.00- 60.00	37.69
4.247	4.420	-0.173	68	0			0.00- 2.00	0.00
4.247	4.420	-0.173	69	7605			0.00- 0.00	36.20
4.247	4.420	-0.173	70	0			0.00- 2.00	0.00
4.247	4.420	-0.173	127	10095			40.00- 60.00	48.05
4.247	4.420	-0.173	197	0			0.00- 1.00	0.00
4.247	4.420	-0.173	199	1408			5.00- 9.00	6.70
4.247	4.420	-0.173	275	5296			10.00- 30.00	25.21
4.247	4.420	-0.173	365	523			1.00- 0.00	2.49
4.247	4.420	-0.173	441	2540			0.01- 100.00	75.13
4.247	4.420	-0.173	442	17642			40.00- 110.00	83.97
4.247	4.420	-0.173	443	3381			17.00- 23.00	19.16

Data File: z5793.d

Date: 13-NOV-2009 09:08

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-61180 Operator: BNA2



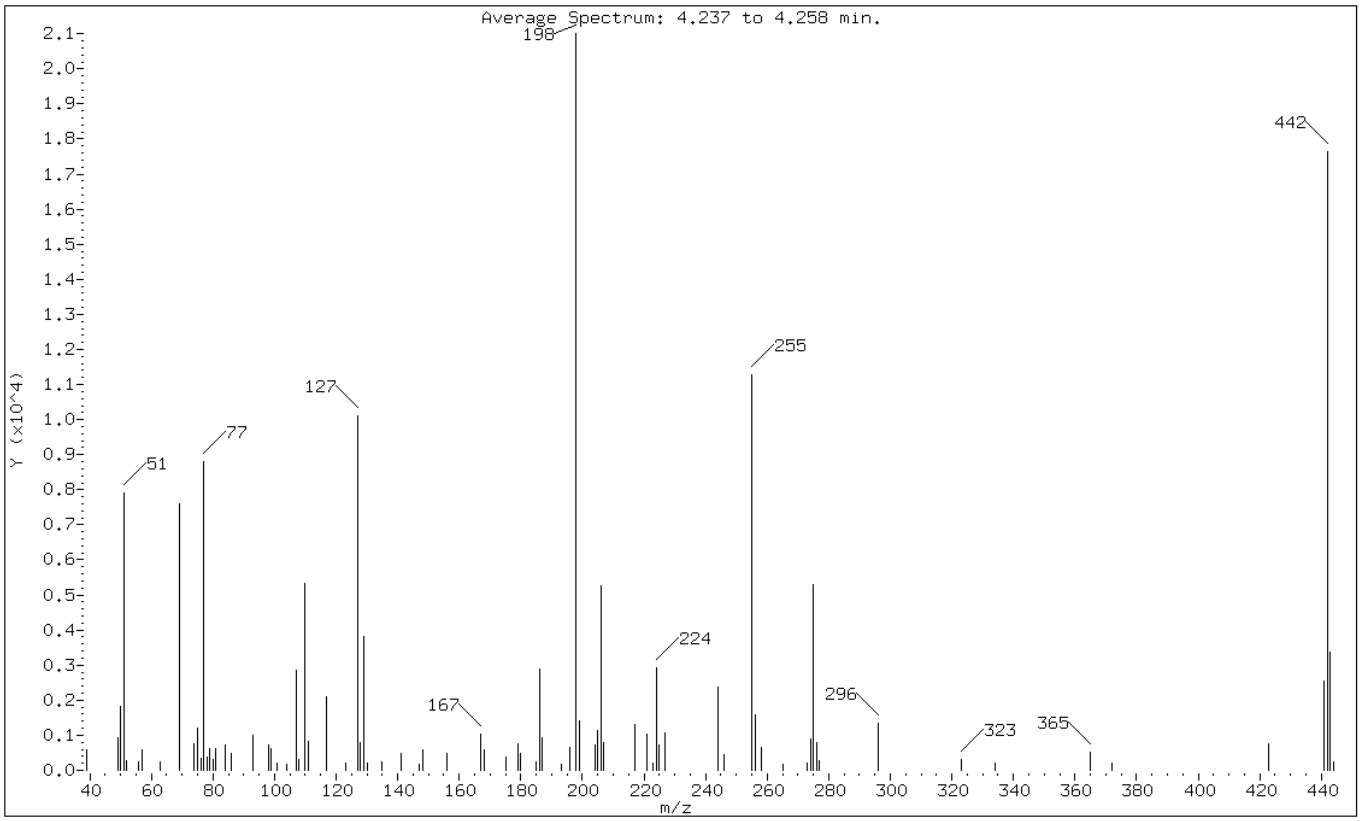
Data File: z5793.d

Date: 13-NOV-2009 09:08

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-61180 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	37.69
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	36.20
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	48.05
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.70
275	10.00 - 30.00% of mass 198	25.21
365	Greater than 1.00% of mass 198	2.49
441	0.01 - 100.00% of mass 443	12.09 (75.13)
442	40.00 - 110.00% of mass 198	83.97
443	17.00 - 23.00% of mass 442	16.09 (19.16)

Data File: z5793.d

Date: 13-NOV-2009 09:08

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-61180 Operator: BNA2

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5793.d
Spectrum: Average Spectrum: 4.237 to 4.258 min.
Location of Maximum: 198.00
Number of points: 82

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	586	99.00	617	179.00	748	255.00	11277
49.00	938	101.00	205	180.00	495	256.00	1567
50.00	1824	104.00	172	185.00	224	258.00	657
51.00	7918	107.00	2849	186.00	2897	265.00	176
52.00	262	108.00	308	187.00	915	273.00	218
56.00	225	110.00	5316	193.00	177	274.00	883
57.00	583	111.00	838	196.00	642	275.00	5296
63.00	226	117.00	2098	198.00	21008	276.00	781
69.00	7605	123.00	209	199.00	1408	277.00	280
74.00	769	127.00	10095	204.00	705	296.00	1338
75.00	1190	128.00	803	205.00	1129	323.00	314
76.00	329	129.00	3824	206.00	5261	334.00	219
77.00	8793	130.00	202	207.00	803	365.00	523
78.00	374	135.00	233	217.00	1322	372.00	216
79.00	632	141.00	477	221.00	1025	423.00	764
80.00	307	147.00	177	223.00	197	441.00	2540
81.00	633	148.00	591	224.00	2919	442.00	17640
84.00	722	156.00	483	225.00	724	443.00	3381
86.00	470	167.00	1043	227.00	1054	444.00	242
93.00	1011	168.00	600	244.00	2364		
98.00	713	175.00	378	246.00	431		

Data File: /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5842.d
Report Date: 16-Nov-2009 08:59

TestAmerica

Data file : /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5842.d
Lab Smp Id: DFTPP-61180
Inj Date : 16-NOV-2009 02:00
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-61180
Misc Info : 25 ppm dftpp bna 4426
Comment :
Method : /chem/BNAMS11.i/8270/11-16-09/16nov09.b/BNADFTPP.m
Meth Date : 05-Nov-2009 22:36 asfawa Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

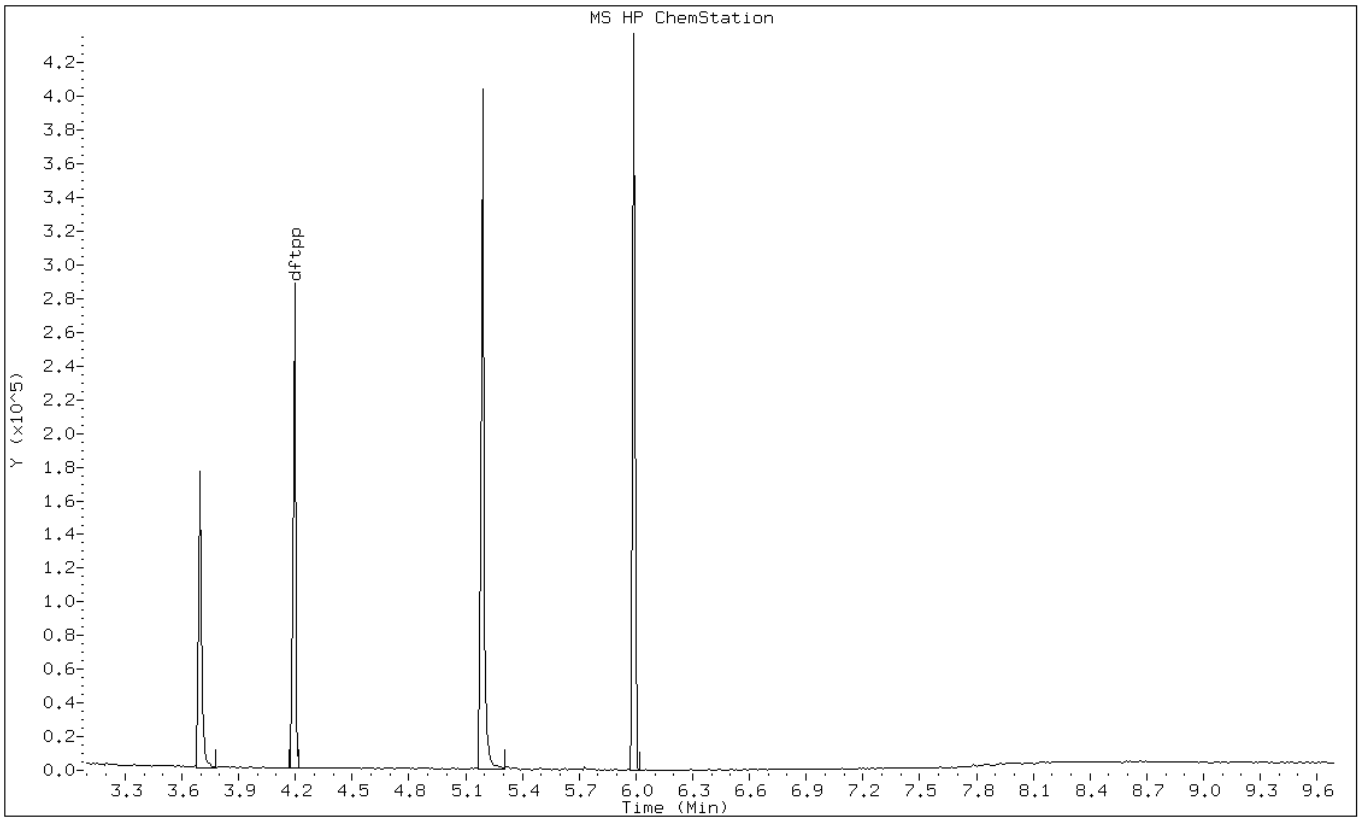
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.196	4.420	-0.224	198	18365			0.00- 100.00	100.00
4.196	4.420	-0.224	51	7667			30.00- 60.00	41.75
4.196	4.420	-0.224	68	0			0.00- 2.00	0.00
4.196	4.420	-0.224	69	6739			0.00- 0.00	36.69
4.196	4.420	-0.224	70	0			0.00- 2.00	0.00
4.196	4.420	-0.224	127	9341			40.00- 60.00	50.86
4.196	4.420	-0.224	197	0			0.00- 1.00	0.00
4.196	4.420	-0.224	199	1153			5.00- 9.00	6.28
4.196	4.420	-0.224	275	4520			10.00- 30.00	24.61
4.196	4.420	-0.224	365	412			1.00- 0.00	2.24
4.196	4.420	-0.224	441	2022			0.01- 100.00	71.86
4.196	4.420	-0.224	442	14797			40.00- 110.00	80.57
4.196	4.420	-0.224	443	2814			17.00- 23.00	19.02

Data File: z5842.d

Date: 16-NOV-2009 02:00

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-61180 Operator: BNA2



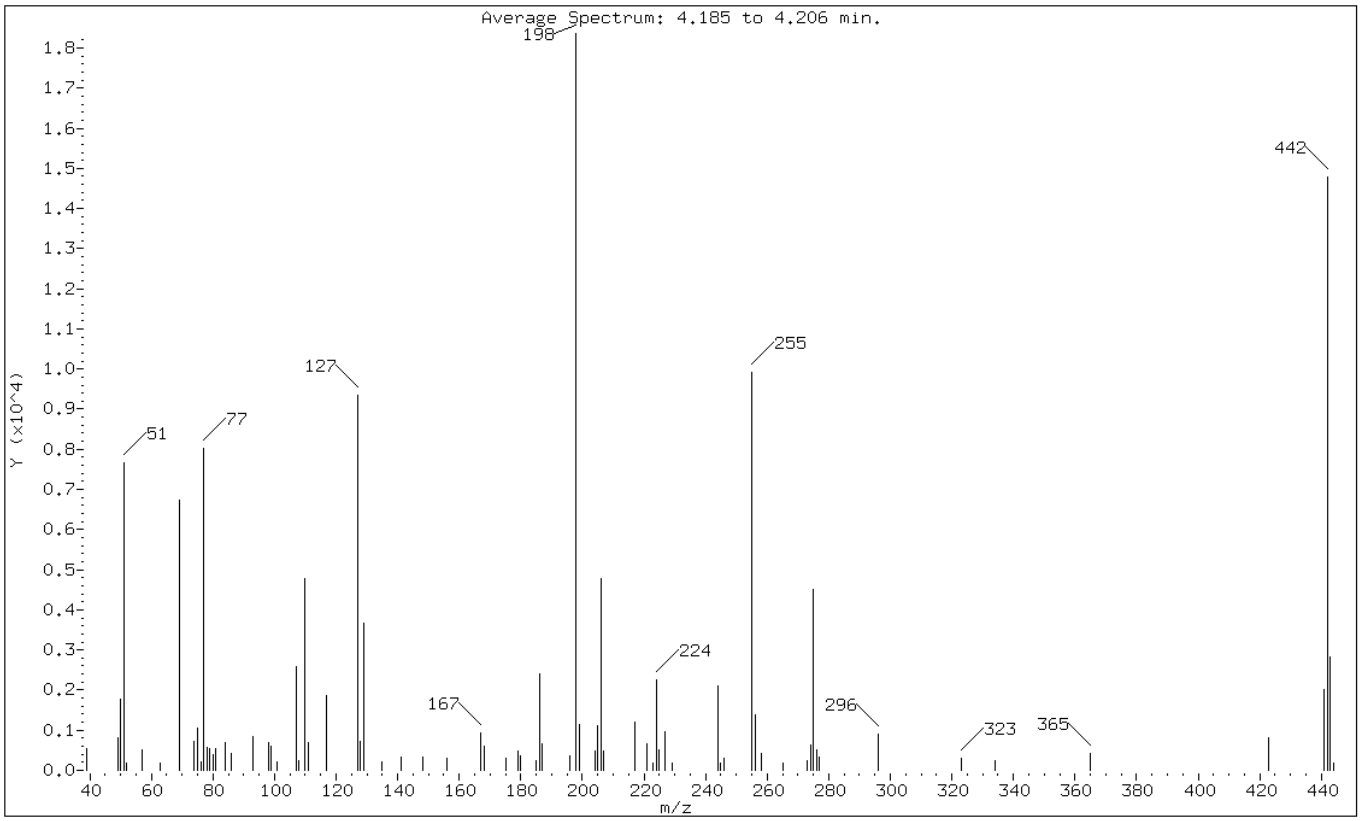
Data File: z5842.d

Date: 16-NOV-2009 02:00

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-61180 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	41.75
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	36.69
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	50.86
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.28
275	10.00 - 30.00% of mass 198	24.61
365	Greater than 1.00% of mass 198	2.24
441	0.01 - 100.00% of mass 443	11.01 (71.86)
442	40.00 - 110.00% of mass 198	80.57
443	17.00 - 23.00% of mass 442	15.32 (19.02)

Data File: z5842.d

Date: 16-NOV-2009 02:00

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-61180 Operator: BNA2

Data File: /chem/BNAMS11.i/8270/11-16-09/16nov09.b/z5842.d
Spectrum: Average Spectrum: 4.185 to 4.206 min.
Location of Maximum: 198.00
Number of points: 77

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	541	99.00	597	186.00	2398	256.00	1397
49.00	825	101.00	197	187.00	652	258.00	408
50.00	1785	107.00	2573	196.00	353	265.00	169
51.00	7667	108.00	233	198.00	18360	273.00	234
52.00	186	110.00	4774	199.00	1153	274.00	641
57.00	501	111.00	701	204.00	469	275.00	4520
63.00	172	117.00	1873	205.00	1100	276.00	502
69.00	6739	127.00	9341	206.00	4768	277.00	327
74.00	711	128.00	720	207.00	487	296.00	905
75.00	1057	129.00	3676	217.00	1187	323.00	302
76.00	209	135.00	213	221.00	647	334.00	227
77.00	8024	141.00	322	223.00	175	365.00	412
78.00	568	148.00	325	224.00	2262	423.00	820
79.00	538	156.00	304	225.00	498	441.00	2022
80.00	395	167.00	935	227.00	955	442.00	14797
81.00	555	168.00	610	229.00	181	443.00	2814
84.00	686	175.00	308	244.00	2096	444.00	194
86.00	431	179.00	472	245.00	186		
93.00	854	180.00	360	246.00	303		
98.00	706	185.00	241	255.00	9916		

Data File: /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5918.d
Report Date: 17-Nov-2009 10:39

TestAmerica

Data file : /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5918.d
Lab Smp Id: DFTPP-61180
Inj Date : 17-NOV-2009 10:31
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-61180
Misc Info : 25 ppm dftpp bna4379
Comment   :
Method   : /chem/BNAMS11.i/8270/11-16-09/17nov09.b/BNADFTPP.m
Meth Date : 05-Nov-2009 22:36 asfawa Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

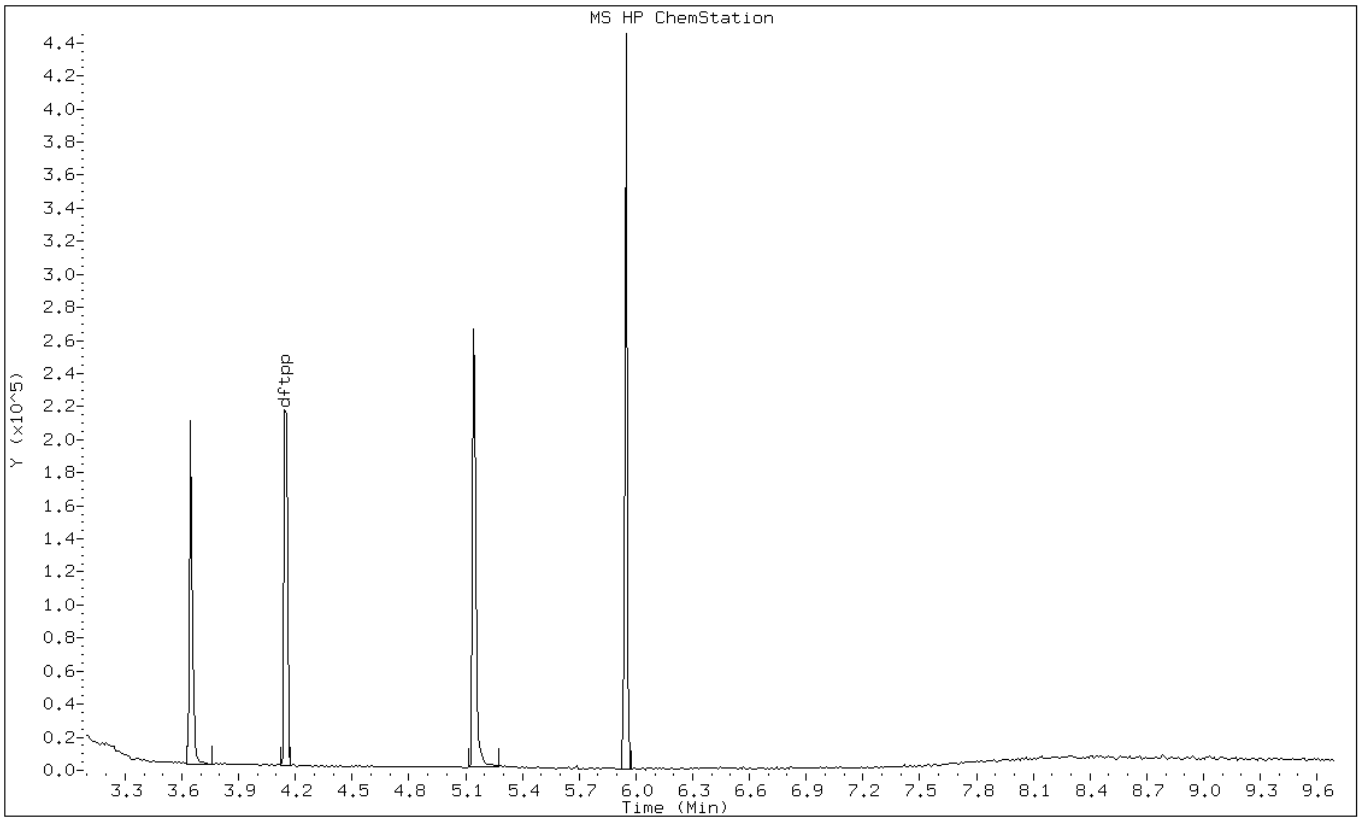
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.144	4.420	-0.276	198	18518			0.00- 100.00	100.00
4.144	4.420	-0.276	51	7785			30.00- 60.00	42.04
4.144	4.420	-0.276	68	0			0.00- 2.00	0.00
4.144	4.420	-0.276	69	7372			0.00- 0.00	39.81
4.144	4.420	-0.276	70	0			0.00- 2.00	0.00
4.144	4.420	-0.276	127	10025			40.00- 60.00	54.14
4.144	4.420	-0.276	197	0			0.00- 1.00	0.00
4.144	4.420	-0.276	199	1275			5.00- 9.00	6.89
4.144	4.420	-0.276	275	4507			10.00- 30.00	24.34
4.144	4.420	-0.276	365	444			1.00- 0.00	2.40
4.144	4.420	-0.276	441	2002			0.01- 100.00	76.97
4.144	4.420	-0.276	442	13602			40.00- 110.00	73.45
4.144	4.420	-0.276	443	2601			17.00- 23.00	19.12

Data File: z5918.d

Date: 17-NOV-2009 10:31

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-284095 Operator: BNA2



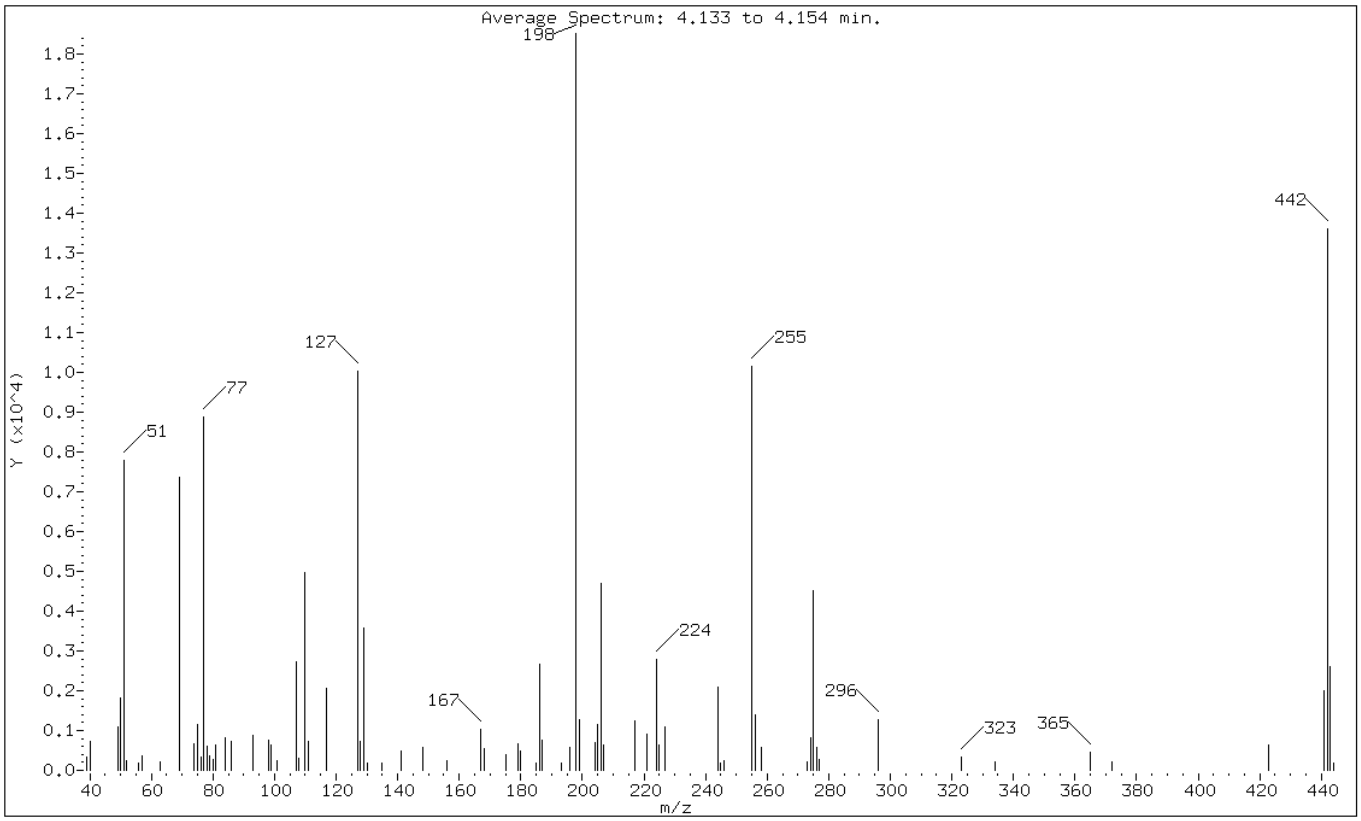
Data File: z5918.d

Date: 17-NOV-2009 10:31

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-284095 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	42.04
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	39.81
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	54.14
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.89
275	10.00 - 30.00% of mass 198	24.34
365	Greater than 1.00% of mass 198	2.40
441	0.01 - 100.00% of mass 443	10.81 (76.97)
442	40.00 - 110.00% of mass 198	73.45
443	17.00 - 23.00% of mass 442	14.05 (19.12)

Data File: z5918.d

Date: 17-NOV-2009 10:31

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-284095 Operator: BNA2

Data File: /chem/BNAMS11.i/8270/11-16-09/17nov09.b/z5918.d
Spectrum: Average Spectrum: 4.133 to 4.154 min.
Location of Maximum: 198.00
Number of points: 79

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	348	93.00	868	179.00	676	246.00	242
40.00	713	98.00	753	180.00	484	255.00	10141
49.00	1105	99.00	632	185.00	169	256.00	1388
50.00	1807	101.00	230	186.00	2654	258.00	585
51.00	7785	107.00	2740	187.00	768	273.00	208
52.00	243	108.00	298	193.00	168	274.00	805
56.00	178	110.00	4958	196.00	566	275.00	4507
57.00	355	111.00	714	198.00	18512	276.00	571
63.00	222	117.00	2073	199.00	1275	277.00	262
69.00	7372	127.00	10025	204.00	686	296.00	1276
74.00	654	128.00	719	205.00	1158	323.00	323
75.00	1147	129.00	3577	206.00	4704	334.00	197
76.00	322	130.00	178	207.00	648	365.00	444
77.00	8889	135.00	182	217.00	1239	372.00	214
78.00	593	141.00	488	221.00	910	423.00	626
79.00	370	148.00	579	224.00	2791	441.00	2002
80.00	281	156.00	235	225.00	626	442.00	13602
81.00	627	167.00	1031	227.00	1103	443.00	2601
84.00	816	168.00	554	244.00	2087	444.00	179
86.00	720	175.00	397	245.00	170		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-22553/2-A

Matrix: Water | Lab File ID: z5812.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/13/2009 08:50

Sample wt/vol: 1000(mL) | Date Analyzed: 11/13/2009 17:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 22586 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	96.0		5.0	0.67
108-95-2	Phenol	11.8		5.0	0.44
111-44-4	Bis(2-chloroethyl)ether	43.9		0.50	0.20
95-57-8	2-Chlorophenol	37.6		5.0	1.3
95-48-7	2-Methylphenol	30.6		5.0	0.83
98-86-2	Acetophenone	48.3		5.0	2.2
621-64-7	N-Nitrosodi-n-propylamine	50.2		0.50	0.16
67-72-1	Hexachloroethane	37.9		0.50	0.25
98-95-3	Nitrobenzene	43.7		0.50	0.20
78-59-1	Isophorone	45.8		5.0	1.8
88-75-5	2-Nitrophenol	42.7		5.0	1.7
105-67-9	2,4-Dimethylphenol	41.3		5.0	1.3
111-91-1	Bis(2-chloroethoxy)methane	47.3		5.0	1.7
120-83-2	2,4-Dichlorophenol	42.3		5.0	1.4
91-20-3	Naphthalene	41.9		5.0	1.8
106-47-8	4-Chloroaniline	35.1		5.0	1.0
87-68-3	Hexachlorobutadiene	39.3		1.0	0.47
105-60-2	Caprolactam	5.03		5.0	0.25
59-50-7	4-Chloro-3-methylphenol	38.8		5.0	1.0
91-57-6	2-Methylnaphthalene	42.6		5.0	1.6
77-47-4	Hexachlorocyclopentadiene	39.1		5.0	2.3
88-06-2	2,4,6-Trichlorophenol	45.7		5.0	1.6
95-95-4	2,4,5-Trichlorophenol	46.2		5.0	1.3
91-58-7	2-Chloronaphthalene	44.7		5.0	1.9
88-74-4	2-Nitroaniline	46.2		10	2.8
131-11-3	Dimethyl phthalate	50.1		5.0	1.6
208-96-8	Acenaphthylene	46.2		5.0	2.0
606-20-2	2,6-Dinitrotoluene	48.7		1.0	0.30
99-09-2	3-Nitroaniline	38.3		10	2.2
83-32-9	Acenaphthene	46.1		5.0	1.9
51-28-5	2,4-Dinitrophenol	14.7	J	15	2.4
100-02-7	4-Nitrophenol	12.1	J	15	1.2
132-64-9	Dibenzofuran	46.1		5.0	1.8
121-14-2	2,4-Dinitrotoluene	44.8		1.0	0.22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-22553/2-A

Matrix: Water | Lab File ID: z5812.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/13/2009 08:50

Sample wt/vol: 1000(mL) | Date Analyzed: 11/13/2009 17:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 22586 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	46.7		5.0	1.9
7005-72-3	4-Chlorophenyl phenyl ether	47.5		5.0	2.0
86-73-7	Fluorene	46.3		5.0	1.6
100-01-6	4-Nitroaniline	39.7		10	2.0
534-52-1	4,6-Dinitro-2-methylphenol	39.1		15	2.6
86-30-6	N-Nitrosodiphenylamine	53.7		5.0	1.9
101-55-3	4-Bromophenyl phenyl ether	51.5		5.0	2.0
118-74-1	Hexachlorobenzene	50.6		0.50	0.14
1912-24-9	Atrazine	43.0		5.0	2.4
87-86-5	Pentachlorophenol	36.7		15	2.6
85-01-8	Phenanthrene	48.9		5.0	1.8
120-12-7	Anthracene	48.4		5.0	1.8
86-74-8	Carbazole	45.5		5.0	1.5
84-74-2	Di-n-butyl phthalate	47.8		5.0	1.4
206-44-0	Fluoranthene	43.9		5.0	1.3
129-00-0	Pyrene	48.9		5.0	2.1
85-68-7	Butyl benzyl phthalate	47.9		5.0	1.4
91-94-1	3,3'-Dichlorobenzidine	52.7		10	3.5
56-55-3	Benzo[a]anthracene	46.5		0.50	0.14
218-01-9	Chrysene	48.9		5.0	1.9
117-81-7	Bis(2-ethylhexyl) phthalate	46.6		5.0	1.2
117-84-0	Di-n-octyl phthalate	42.7		5.0	0.96
205-99-2	Benzo[b]fluoranthene	52.1		0.50	0.10
207-08-9	Benzo[k]fluoranthene	48.4		0.50	0.15
50-32-8	Benzo[a]pyrene	40.4		0.50	0.090
193-39-5	Indeno[1,2,3-cd]pyrene	49.8		0.50	0.060
53-70-3	Dibenz(a,h)anthracene	49.6		0.50	0.080
191-24-2	Benzo[g,h,i]perylene	59.9		5.0	1.4
92-52-4	Diphenyl	46.8		5.0	2.7
106-44-5	4-Methylphenol	26.8		5.0	0.79
108-60-1	bis (2-chloroisopropyl) ether	52.6		5.0	1.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-22553/2-A

Matrix: Water | Lab File ID: z5812.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/13/2009 08:50

Sample wt/vol: 1000(mL) | Date Analyzed: 11/13/2009 17:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 22586 | Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	37	14-68	
321-60-8	2-Fluorobiphenyl	91	61-112	
4165-62-2	Phenol-d5	24	9-48	
4165-60-0	Nitrobenzene-d5	98	61-120	
118-79-6	2,4,6-Tribromophenol	93	50-119	
1718-51-0	Terphenyl-d14	94	41-124	

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5812.d
Report Date: 16-Nov-2009 11:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5812.d
Lab Smp Id: LCS 460-22553/2-A
Inj Date : 13-NOV-2009 17:47
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : LCS 460-22553/2-A
Misc Info : LCS 460-22553/2-A
Comment :
Method : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/8270C_08SP.m
Meth Date : 13-Nov-2009 14:28 croccom Quant Type: ISTD
Cal Date : 03-NOV-2009 16:05 Cal File: z5465.d
Als bottle: 20 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	19 N-Nitrosodimethylamine	74	1.181	1.187	(0.346)	87689	19.8021	20
	71 Pyridine	79	1.204	1.204	(0.353)	88549	10.9927	11
$	16 2-Fluorophenol (SUR)	112	2.193	2.198	(0.643)	150545	18.5841	18
	110 Benzaldehyde	77	2.963	2.963	(0.869)	286654	95.9537	96(R)
	73 Aniline	93	3.081	3.087	(0.903)	258566	22.8324	23
$	17 Phenol-d5 (SUR)	99	3.087	3.104	(0.905)	105731	12.0422	12
	1 Phenol	94	3.098	3.116	(0.909)	120330	11.8286	12(R)
	20 bis(2-Chloroethyl)ether	93	3.157	3.169	(0.926)	356942	43.8699	44
	2 2-Chlorophenol	128	3.204	3.210	(0.940)	336787	37.6031	38
	21 1,3-Dichlorobenzene	146	3.351	3.357	(0.983)	405227	38.1081	38
*	79 1,4-Dichlorobenzene-d4	152	3.410	3.416	(1.000)	259990	40.0000	
	22 1,4-Dichlorobenzene	146	3.428	3.434	(1.005)	410987	38.9599	39
	74 Benzyl Alcohol	108	3.581	3.592	(1.050)	145386	30.5634	30
	23 1,2-Dichlorobenzene	146	3.581	3.587	(1.050)	377870	39.2457	39
	24 bis (2-chloroisopropyl) ether	45	3.722	3.722	(1.091)	324180	52.6388	53

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5812.d
Report Date: 16-Nov-2009 11:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	3 2-Methylphenol	108	3.722	3.740	(1.091)	208592	30.5958	30
	104 Acetophenone	105	3.845	3.857	(1.128)	506139	48.2601	48
	25 N-Nitroso-di-n-propylamine	70	3.863	3.875	(1.133)	235843	50.1732	50
	4 4-Methylphenol	108	3.887	3.898	(1.140)	190699	26.7573	27
	123 3 & 4 Methylphenol	108	3.887	3.898	(1.140)	191157	26.5339	26
	26 Hexachloroethane	117	3.928	3.928	(1.152)	153817	37.9440	38
$	76 Nitrobenzene-d5 (SUR)	82	3.992	3.998	(0.847)	389277	48.8259	49
	27 Nitrobenzene	77	4.016	4.022	(0.852)	457321	43.6509	44
	107 N,N-Dimethylaniline	120	4.022	4.028	(1.179)	403208	32.4393	32
	28 Isophorone	82	4.263	4.275	(0.904)	612660	45.7796	46
	5 2-Nitrophenol	139	4.340	4.345	(0.920)	189156	42.7068	43
	6 2,4-Dimethylphenol	122	4.428	4.434	(0.939)	269232	41.3326	41
	29 bis(2-Chloroethoxy)methane	93	4.510	4.516	(0.956)	381440	47.3177	47
	7 2,4-Dichlorophenol	162	4.598	4.604	(0.975)	259008	42.3305	42
	30 1,2,4-Trichlorobenzene	180	4.669	4.669	(0.990)	298676	39.6304	40
*	80 Naphthalene-d8	136	4.716	4.716	(1.000)	867298	40.0000	
	31 Naphthalene	128	4.734	4.739	(1.004)	945999	41.8655	42
	32 4-Chloroaniline	127	4.816	4.822	(1.021)	295130	35.1087	35
	33 Hexachlorobutadiene	225	4.887	4.886	(1.036)	180476	39.2899	39
	111 Caprolactam	113	5.169	5.216	(1.096)	9138	5.02899	5.0
	8 4-Chloro-3-methylphenol	107	5.345	5.357	(1.133)	236341	38.8251	39
	34 2-Methylnaphthalene	142	5.439	5.439	(1.153)	582078	42.5834	42
	120 1-Methylnaphthalene	142	5.528	5.534	(1.172)	7114	0.52533	0.52(a)
	35 Hexachlorocyclopentadiene	237	5.604	5.610	(0.867)	154251	39.0937	39
	9 2,4,6-Trichlorophenol	196	5.739	5.745	(0.888)	181524	45.7230	46
	10 2,4,5-Trichlorophenol	196	5.775	5.786	(0.894)	187735	46.1662	46
$	77 2-Fluorobiphenyl (SUR)	172	5.822	5.822	(0.901)	633293	45.3793	45
	36 2-Chloronaphthalene	162	5.916	5.922	(0.915)	522305	44.6989	45
	102 Diphenyl	154	5.910	5.916	(0.914)	684723	46.7803	47
	103 Diphenyl Ether	170	6.022	6.022	(0.932)	384167	46.3639	46
	37 2-Nitroaniline	65	6.039	6.045	(0.934)	159674	46.2091	46
	38 Dimethylphthalate	163	6.239	6.245	(0.965)	623144	50.0901	50
	40 2,6-Dinitrotoluene	165	6.286	6.292	(0.973)	140800	48.6897	49
	39 Acenaphthylene	152	6.316	6.322	(0.977)	862396	46.2182	46
	41 3-Nitroaniline	138	6.445	6.451	(0.997)	119759	38.3238	38
*	82 Acenaphthene-d10	164	6.463	6.463	(1.000)	405721	40.0000	
	42 Acenaphthene	154	6.492	6.498	(1.005)	493681	46.0594	46
	11 2,4-Dinitrophenol	184	6.551	6.557	(1.014)	22532	14.6913	15(R)
	12 4-Nitrophenol	65	6.663	6.669	(1.031)	24804	12.1399	12(a)
	43 Dibenzofuran	168	6.663	6.669	(1.031)	724922	46.0546	46
	44 2,4-Dinitrotoluene	165	6.681	6.686	(1.034)	170546	44.7518	45
	45 Diethylphthalate	149	6.933	6.939	(1.073)	592031	46.7194	47
	47 Fluorene	166	6.998	6.998	(1.083)	578969	46.3426	46
	46 4-Chlorophenyl-phenylether	204	7.016	7.016	(1.086)	293676	47.5268	48
	48 4-Nitroaniline	138	7.045	7.051	(1.090)	113149	39.7108	40
	13 4,6-Dinitro-2-methylphenol	198	7.075	7.080	(0.896)	69753	39.0729	39
	49 N-Nitrosodiphenylamine	169	7.139	7.139	(0.904)	403610	53.6738	54

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5812.d
Report Date: 16-Nov-2009 11:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	75 1,2-Diphenylhydrazine	77	7.169	7.169	(0.908)	606720	50.2893	50
$	18 2,4,6-Tribromophenol (SUR)	330	7.233	7.239	(1.119)	81905	46.3554	46
	50 4-Bromophenyl-phenylether	248	7.486	7.486	(0.948)	166586	51.4610	51
	51 Hexachlorobenzene	284	7.533	7.539	(0.954)	165121	50.5632	50
	112 Atrazine	200	7.680	7.686	(0.972)	116490	42.9947	43
	14 Pentachlorophenol	266	7.739	7.739	(0.980)	70473	36.7091	37
*	83 Phenanthrene-d10	188	7.898	7.904	(1.000)	528672	40.0000	
	52 Phenanthrene	178	7.922	7.927	(1.003)	712827	48.8994	49
	53 Anthracene	178	7.969	7.975	(1.009)	713745	48.3516	48
	54 Carbazole	167	8.145	8.151	(1.031)	580817	45.5475	46
	55 Di-n-butylphthalate	149	8.527	8.527	(1.080)	795269	47.8324	48
	56 Fluoranthene	202	9.075	9.074	(1.149)	610912	43.8942	44
	58 Benzidine	184	9.227	9.257	(1.168)	20895	11.3474	11
	57 Pyrene	202	9.286	9.286	(0.887)	597450	48.8611	49
$	78 Terphenyl-d14	244	9.469	9.474	(0.904)	442424	47.1752	47
	59 Butylbenzylphthalate	149	9.969	9.974	(0.952)	242990	47.8538	48
	61 Benzo(a)anthracene	228	10.469	10.468	(0.999)	406328	46.5387	46
	60 3,3'-Dichlorobenzidine	252	10.463	10.468	(0.999)	119562	52.7483	53
*	81 Chrysene-d12	240	10.474	10.480	(1.000)	313835	40.0000	
	62 Chrysene	228	10.504	10.504	(1.003)	394197	48.9392	49
	63 bis(2-Ethylhexyl)phthalate	149	10.574	10.574	(1.010)	308089	46.6027	47
	64 Di-n-octylphthalate	149	11.298	11.304	(0.933)	396686	42.7034	43
	65 Benzo(b)fluoranthene	252	11.657	11.657	(0.963)	306765	52.1460	52
	66 Benzo(k)fluoranthene	252	11.686	11.692	(0.965)	334651	48.3726	48
	67 Benzo(a)pyrene	252	12.033	12.039	(0.994)	216453	40.3690	40
*	84 Perylene-d12	264	12.104	12.110	(1.000)	207693	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.409	13.415	(1.108)	196539	49.7970	50
	69 Dibenz(a,h)anthracene	278	13.445	13.451	(1.111)	232823	49.6057	50
	70 Benzo(g,h,i)perylene	276	13.727	13.727	(1.134)	243433	59.9229	60(R)

QC Flag Legend

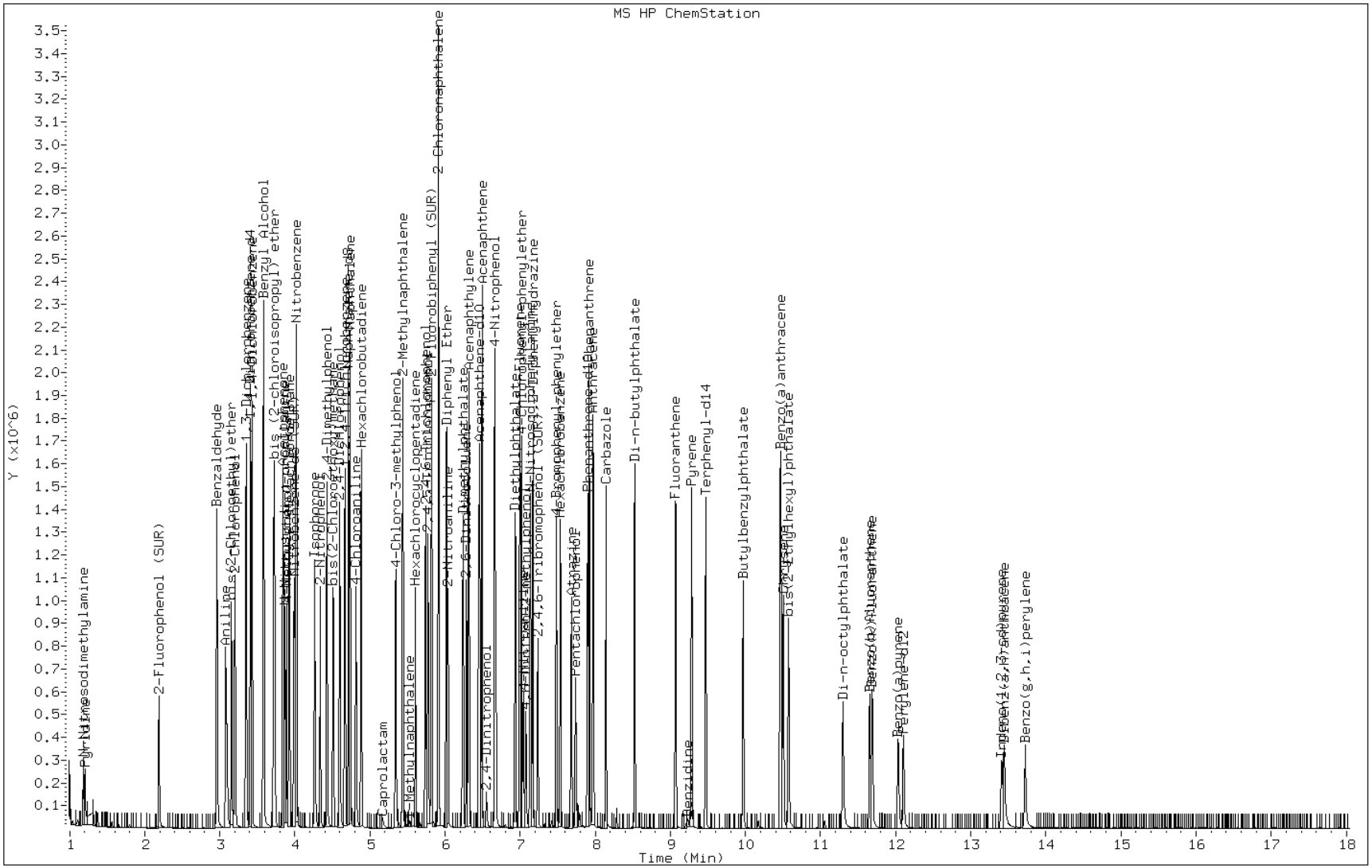
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: z5812.d

Date: 13-NOV-2009 17:47

Client ID: Instrument: BNAMS11.i

Sample Info: LCS 460-22553/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-02 | Lab Sample ID: 460-7904-2 MS

Matrix: Water | Lab File ID: z5814.d

Analysis Method: 8270C | Date Collected: 11/12/2009 10:40

Extract. Method: 3510C | Date Extracted: 11/13/2009 08:50

Sample wt/vol: 900(mL) | Date Analyzed: 11/13/2009 18:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 22586 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	97.9		5.6	0.74
108-95-2	Phenol	13.3		5.6	0.49
111-44-4	Bis(2-chloroethyl)ether	48.6		0.56	0.23
95-57-8	2-Chlorophenol	42.4		5.6	1.5
95-48-7	2-Methylphenol	33.1		5.6	0.92
98-86-2	Acetophenone	52.5		5.6	2.4
621-64-7	N-Nitrosodi-n-propylamine	54.0		0.56	0.18
67-72-1	Hexachloroethane	42.4		0.56	0.28
98-95-3	Nitrobenzene	50.8		0.56	0.23
78-59-1	Isophorone	49.9		5.6	2.0
88-75-5	2-Nitrophenol	48.2		5.6	1.9
105-67-9	2,4-Dimethylphenol	45.1		5.6	1.4
111-91-1	Bis(2-chloroethoxy)methane	51.9		5.6	1.9
120-83-2	2,4-Dichlorophenol	48.3		5.6	1.5
91-20-3	Naphthalene	46.3		5.6	2.0
106-47-8	4-Chloroaniline	46.1		5.6	1.2
87-68-3	Hexachlorobutadiene	44.0		1.1	0.52
105-60-2	Caprolactam	6.49		5.6	0.28
59-50-7	4-Chloro-3-methylphenol	41.1		5.6	1.1
91-57-6	2-Methylnaphthalene	46.7		5.6	1.7
77-47-4	Hexachlorocyclopentadiene	47.0		5.6	2.5
88-06-2	2,4,6-Trichlorophenol	50.8		5.6	1.8
95-95-4	2,4,5-Trichlorophenol	50.9		5.6	1.4
91-58-7	2-Chloronaphthalene	51.6		5.6	2.1
88-74-4	2-Nitroaniline	51.2		11	3.2
131-11-3	Dimethyl phthalate	54.1		5.6	1.8
208-96-8	Acenaphthylene	51.5		5.6	2.2
606-20-2	2,6-Dinitrotoluene	52.7		1.1	0.33
99-09-2	3-Nitroaniline	45.4		11	2.4
83-32-9	Acenaphthene	51.9		5.6	2.1
51-28-5	2,4-Dinitrophenol	23.7		17	2.7
100-02-7	4-Nitrophenol	14.7	J	17	1.3
132-64-9	Dibenzofuran	51.2		5.6	2.0
121-14-2	2,4-Dinitrotoluene	50.4		1.1	0.24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-02 | Lab Sample ID: 460-7904-2 MS

Matrix: Water | Lab File ID: z5814.d

Analysis Method: 8270C | Date Collected: 11/12/2009 10:40

Extract. Method: 3510C | Date Extracted: 11/13/2009 08:50

Sample wt/vol: 900(mL) | Date Analyzed: 11/13/2009 18:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 22586 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	51.2		5.6	2.1
7005-72-3	4-Chlorophenyl phenyl ether	52.8		5.6	2.2
86-73-7	Fluorene	51.1		5.6	1.8
100-01-6	4-Nitroaniline	44.9		11	2.2
534-52-1	4,6-Dinitro-2-methylphenol	47.0		17	2.9
86-30-6	N-Nitrosodiphenylamine	59.1		5.6	2.2
101-55-3	4-Bromophenyl phenyl ether	57.0		5.6	2.2
118-74-1	Hexachlorobenzene	57.0		0.56	0.15
1912-24-9	Atrazine	49.2		5.6	2.6
87-86-5	Pentachlorophenol	44.1		17	2.8
85-01-8	Phenanthrene	55.2		5.6	2.0
120-12-7	Anthracene	54.9		5.6	2.0
86-74-8	Carbazole	52.3		5.6	1.7
84-74-2	Di-n-butyl phthalate	55.5		5.6	1.5
206-44-0	Fluoranthene	54.9		5.6	1.5
129-00-0	Pyrene	52.1		5.6	2.4
85-68-7	Butyl benzyl phthalate	53.5		5.6	1.5
91-94-1	3,3'-Dichlorobenzidine	56.4		11	3.9
56-55-3	Benzo[a]anthracene	51.9		0.56	0.15
218-01-9	Chrysene	56.0		5.6	2.1
117-81-7	Bis(2-ethylhexyl) phthalate	52.3		5.6	1.3
117-84-0	Di-n-octyl phthalate	49.7		5.6	1.1
205-99-2	Benzo[b]fluoranthene	58.7		0.56	0.12
207-08-9	Benzo[k]fluoranthene	55.9		0.56	0.17
50-32-8	Benzo[a]pyrene	45.7		0.56	0.10
193-39-5	Indeno[1,2,3-cd]pyrene	54.8		0.56	0.067
53-70-3	Dibenz(a,h)anthracene	53.8		0.56	0.089
191-24-2	Benzo[g,h,i]perylene	62.9		5.6	1.5
92-52-4	Diphenyl	53.6		5.6	3.0
106-44-5	4-Methylphenol	28.9		5.6	0.88
108-60-1	bis (2-chloroisopropyl) ether	57.9		5.6	1.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-02 Lab Sample ID: 460-7904-2 MS

Matrix: Water Lab File ID: z5814.d

Analysis Method: 8270C Date Collected: 11/12/2009 10:40

Extract. Method: 3510C Date Extracted: 11/13/2009 08:50

Sample wt/vol: 900(mL) Date Analyzed: 11/13/2009 18:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 22586 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	38	14-68	
321-60-8	2-Fluorobiphenyl	91	61-112	
4165-62-2	Phenol-d5	24	9-48	
4165-60-0	Nitrobenzene-d5	97	61-120	
118-79-6	2,4,6-Tribromophenol	90	50-119	
1718-51-0	Terphenyl-d14	89	41-124	

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5814.d
Report Date: 16-Nov-2009 11:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5814.d
Lab Smp Id: 460-7904-A-2-A MS Client Smp ID: GW-017338-111209-AC
Inj Date : 13-NOV-2009 18:36
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-7904-A-2-A MS
Misc Info : 460-7904-A-2-A MS
Comment   :
Method   : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/8270C_08SP.m
Meth Date : 13-Nov-2009 14:28 croccom Quant Type: ISTD
Cal Date : 03-NOV-2009 16:05 Cal File: z5465.d
Als bottle: 22 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1.00000	Volume of final extract (mL)
Vo	900.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	19 N-Nitrosodimethylamine	74	1.187	1.187	(0.348)	102322	23.2526	26
	71 Pyridine	79	1.205	1.204	(0.353)	135022	16.8680	19
$	16 2-Fluorophenol (SUR)	112	2.193	2.198	(0.643)	154552	19.1993	21
	110 Benzaldehyde	77	2.963	2.963	(0.869)	261631	88.1311	98(R)
	73 Aniline	93	3.081	3.087	(0.903)	309880	27.5366	30
$	17 Phenol-d5 (SUR)	99	3.087	3.104	(0.905)	103623	11.8767	13
	1 Phenol	94	3.099	3.116	(0.909)	120983	11.9679	13(R)
	20 bis(2-Chloroethyl)ether	93	3.157	3.169	(0.926)	353559	43.7288	48
	2 2-Chlorophenol	128	3.199	3.210	(0.938)	339970	38.1984	42
	21 1,3-Dichlorobenzene	146	3.351	3.357	(0.983)	405267	38.3527	43
*	79 1,4-Dichlorobenzene-d4	152	3.410	3.416	(1.000)	258357	40.0000	
	22 1,4-Dichlorobenzene	146	3.428	3.434	(1.005)	412882	39.3869	44
	74 Benzyl Alcohol	108	3.581	3.592	(1.050)	156264	33.0578	37
	23 1,2-Dichlorobenzene	146	3.581	3.587	(1.050)	378047	39.5122	44
	24 bis (2-chloroisopropyl) ether	45	3.722	3.722	(1.091)	318860	52.1022	58

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5814.d
Report Date: 16-Nov-2009 11:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	3 2-Methylphenol	108	3.722	3.740	(1.091)	201993	29.8151	33
	104 Acetophenone	105	3.846	3.857	(1.128)	492033	47.2116	52
	25 N-Nitroso-di-n-propylamine	70	3.863	3.875	(1.133)	227030	48.6036	54
	4 4-Methylphenol	108	3.887	3.898	(1.140)	184360	26.0314	29
	123 3 & 4 Methylphenol	108	3.887	3.898	(1.140)	184836	25.8186	29
	26 Hexachloroethane	117	3.928	3.928	(1.152)	153820	38.1846	42
$	76 Nitrobenzene-d5 (SUR)	82	3.993	3.998	(0.847)	374689	48.4298	54
	27 Nitrobenzene	77	4.016	4.022	(0.852)	464683	45.7066	51
	107 N,N-Dimethylaniline	120	4.022	4.028	(1.179)	469545	38.0151	42
	28 Isophorone	82	4.263	4.275	(0.904)	583134	44.9026	50
	5 2-Nitrophenol	139	4.340	4.345	(0.920)	186325	43.3510	48
	6 2,4-Dimethylphenol	122	4.428	4.434	(0.939)	256814	40.6289	45
	29 bis(2-Chloroethoxy)methane	93	4.510	4.516	(0.956)	365385	46.7088	52
	7 2,4-Dichlorophenol	162	4.598	4.604	(0.975)	257917	43.4380	48
	30 1,2,4-Trichlorobenzene	180	4.669	4.669	(0.990)	292933	40.0541	44
*	80 Naphthalene-d8	136	4.716	4.716	(1.000)	841624	40.0000	
	31 Naphthalene	128	4.734	4.739	(1.004)	914448	41.7037	46
	32 4-Chloroaniline	127	4.816	4.822	(1.021)	338501	41.4965	46
	33 Hexachlorobutadiene	225	4.887	4.886	(1.036)	176383	39.5702	44
	111 Caprolactam	113	5.169	5.216	(1.096)	10299	5.84083	6.5
	8 4-Chloro-3-methylphenol	107	5.345	5.357	(1.133)	218751	37.0318	41
	34 2-Methylnaphthalene	142	5.440	5.439	(1.153)	557180	42.0053	47
	120 1-Methylnaphthalene	142	5.528	5.534	(1.172)	7155	0.54447	0.60(a)
	35 Hexachlorocyclopentadiene	237	5.604	5.610	(0.867)	155944	42.2799	47
	9 2,4,6-Trichlorophenol	196	5.740	5.745	(0.888)	169693	45.7247	51
	10 2,4,5-Trichlorophenol	196	5.775	5.786	(0.894)	174193	45.8243	51
$	77 2-Fluorobiphenyl (SUR)	172	5.822	5.822	(0.901)	591013	45.3040	50
	36 2-Chloronaphthalene	162	5.916	5.922	(0.915)	506905	46.4071	52
	102 Diphenyl	154	5.910	5.916	(0.914)	660018	48.2381	54
	103 Diphenyl Ether	170	6.022	6.022	(0.932)	361489	46.6703	52
	37 2-Nitroaniline	65	6.040	6.045	(0.934)	148844	46.0798	51
	38 Dimethylphthalate	163	6.239	6.245	(0.965)	566655	48.7268	54
	40 2,6-Dinitrotoluene	165	6.287	6.292	(0.973)	128101	47.3885	53
	39 Acenaphthylene	152	6.316	6.322	(0.977)	808556	46.3556	52
	41 3-Nitroaniline	138	6.445	6.451	(0.997)	119345	40.8555	45
*	82 Acenaphthene-d10	164	6.463	6.463	(1.000)	379264	40.0000	
	42 Acenaphthene	154	6.492	6.498	(1.005)	468457	46.7550	52
	11 2,4-Dinitrophenol	184	6.551	6.557	(1.014)	30769	21.2984	24
	12 4-Nitrophenol	65	6.663	6.669	(1.031)	25190	13.1889	15(a)
	43 Dibenzofuran	168	6.663	6.669	(1.031)	678272	46.0968	51
	44 2,4-Dinitrotoluene	165	6.681	6.686	(1.034)	161746	45.4034	50
	45 Diethylphthalate	149	6.934	6.939	(1.073)	545650	46.0630	51
	47 Fluorene	166	6.998	6.998	(1.083)	537342	46.0110	51
	46 4-Chlorophenyl-phenylether	204	7.016	7.016	(1.086)	274736	47.5632	53
	48 4-Nitroaniline	138	7.045	7.051	(1.090)	107727	40.4453	45
	13 4,6-Dinitro-2-methylphenol	198	7.075	7.080	(0.896)	70109	42.2873	47
	49 N-Nitrosodiphenylamine	169	7.139	7.139	(0.904)	371537	53.2017	59

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5814.d
Report Date: 16-Nov-2009 11:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	75 1,2-Diphenylhydrazine	77	7.169	7.169	(0.908)	560455	50.0209	56
$	18 2,4,6-Tribromophenol (SUR)	330	7.234	7.239	(1.119)	74516	45.1154	50
	50 4-Bromophenyl-phenylether	248	7.486	7.486	(0.948)	154228	51.3011	57
	51 Hexachlorobenzene	284	7.534	7.539	(0.954)	155598	51.3050	57
	112 Atrazine	200	7.681	7.686	(0.972)	111519	44.3199	49
	14 Pentachlorophenol	266	7.739	7.739	(0.980)	70712	39.6613	44
*	83 Phenanthrene-d10	188	7.898	7.904	(1.000)	490979	40.0000	
	52 Phenanthrene	178	7.922	7.927	(1.003)	673022	49.7132	55
	53 Anthracene	178	7.969	7.975	(1.009)	676839	49.3716	55
	54 Carbazole	167	8.145	8.151	(1.031)	557518	47.0768	52
	55 Di-n-butylphthalate	149	8.528	8.527	(1.080)	770915	49.9273	55
	56 Fluoranthene	202	9.075	9.074	(1.149)	638929	49.4316	55
	58 Benzidine	184	9.233	9.257	(1.169)	13289	7.77089	8.6
	57 Pyrene	202	9.286	9.286	(0.887)	627771	46.9050	52
$	78 Terphenyl-d14	244	9.469	9.474	(0.904)	455204	44.3443	49
	59 Butylbenzylphthalate	149	9.969	9.974	(0.952)	267771	48.1780	54
	61 Benzo(a)anthracene	228	10.469	10.468	(0.999)	446179	46.6878	52
	60 3,3'-Dichlorobenzidine	252	10.463	10.468	(0.999)	125888	50.7407	56
*	81 Chrysene-d12	240	10.475	10.480	(1.000)	343514	40.0000	
	62 Chrysene	228	10.504	10.504	(1.003)	444674	50.4361	56
	63 bis(2-Ethylhexyl)phthalate	149	10.575	10.574	(1.010)	340564	47.0642	52
	64 Di-n-octylphthalate	149	11.298	11.304	(0.933)	454521	44.7060	50
	65 Benzo(b)fluoranthene	252	11.657	11.657	(0.963)	339993	52.8058	59
	66 Benzo(k)fluoranthene	252	11.692	11.692	(0.966)	380953	50.3124	56
	67 Benzo(a)pyrene	252	12.039	12.039	(0.995)	241183	41.0986	46
*	84 Perylene-d12	264	12.104	12.110	(1.000)	227314	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.410	13.415	(1.108)	212621	49.2776	55
	69 Dibenz(a,h)anthracene	278	13.445	13.451	(1.111)	248748	48.4241	54
	70 Benzo(g,h,i)perylene	276	13.727	13.727	(1.134)	251567	56.5800	63(R)

QC Flag Legend

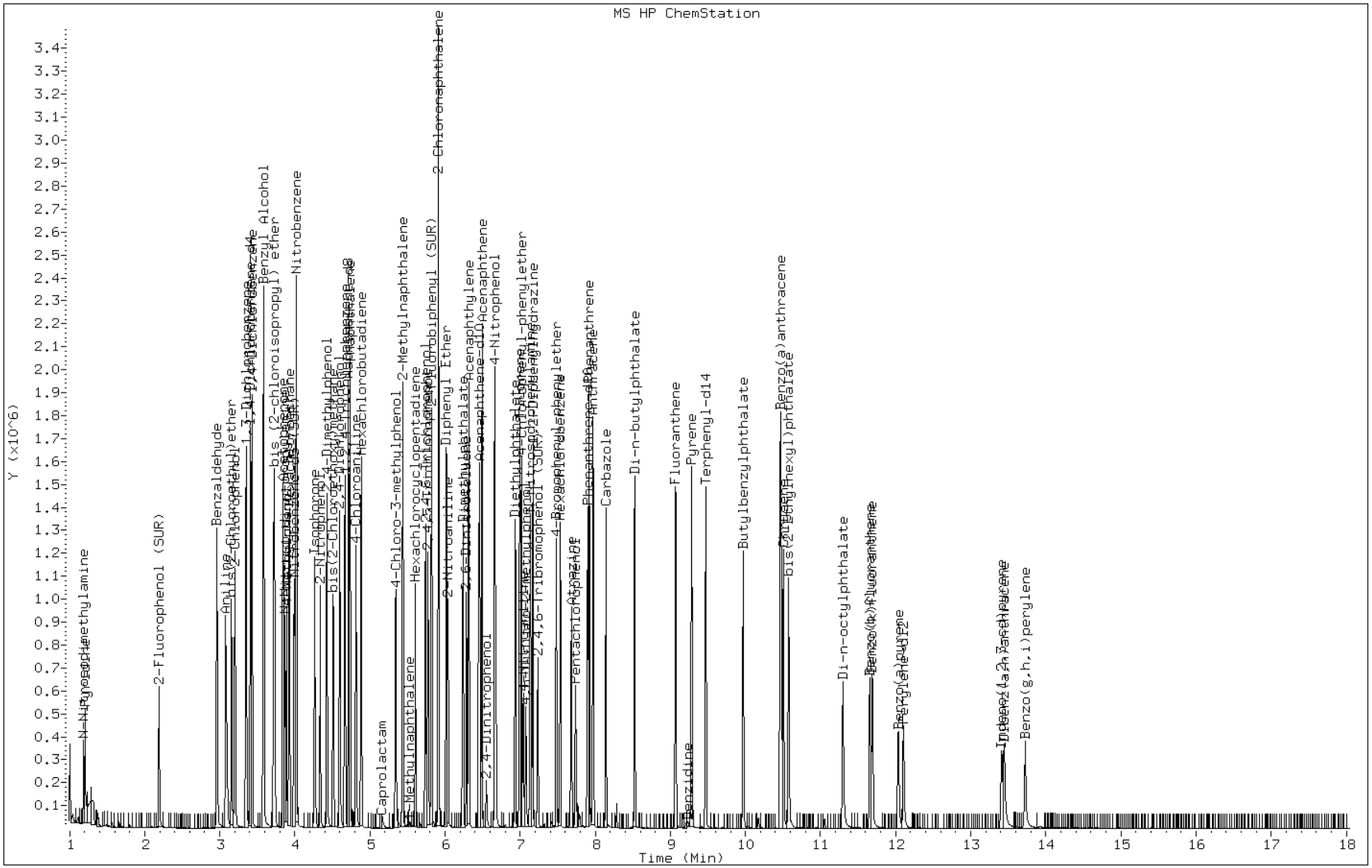
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: z5814.d

Date: 13-NOV-2009 18:36

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-2-A MS Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-02 | Lab Sample ID: 460-7904-2 MSD

Matrix: Water | Lab File ID: z5815.d

Analysis Method: 8270C | Date Collected: 11/12/2009 10:40

Extract. Method: 3510C | Date Extracted: 11/13/2009 08:50

Sample wt/vol: 900(mL) | Date Analyzed: 11/13/2009 19:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 22586 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	98.8		5.6	0.74
108-95-2	Phenol	13.0		5.6	0.49
111-44-4	Bis(2-chloroethyl)ether	48.1		0.56	0.23
95-57-8	2-Chlorophenol	39.8		5.6	1.5
95-48-7	2-Methylphenol	32.4		5.6	0.92
98-86-2	Acetophenone	52.9		5.6	2.4
621-64-7	N-Nitrosodi-n-propylamine	55.1		0.56	0.18
67-72-1	Hexachloroethane	41.9		0.56	0.28
98-95-3	Nitrobenzene	49.3		0.56	0.23
78-59-1	Isophorone	50.9		5.6	2.0
88-75-5	2-Nitrophenol	46.1		5.6	1.9
105-67-9	2,4-Dimethylphenol	44.4		5.6	1.4
111-91-1	Bis(2-chloroethoxy)methane	51.9		5.6	1.9
120-83-2	2,4-Dichlorophenol	46.9		5.6	1.5
91-20-3	Naphthalene	45.9		5.6	2.0
106-47-8	4-Chloroaniline	47.0		5.6	1.2
87-68-3	Hexachlorobutadiene	43.0		1.1	0.52
105-60-2	Caprolactam	5.08	J	5.6	0.28
59-50-7	4-Chloro-3-methylphenol	41.7		5.6	1.1
91-57-6	2-Methylnaphthalene	47.6		5.6	1.7
77-47-4	Hexachlorocyclopentadiene	46.9		5.6	2.5
88-06-2	2,4,6-Trichlorophenol	51.3		5.6	1.8
95-95-4	2,4,5-Trichlorophenol	50.7		5.6	1.4
91-58-7	2-Chloronaphthalene	52.2		5.6	2.1
88-74-4	2-Nitroaniline	52.9		11	3.2
131-11-3	Dimethyl phthalate	55.8		5.6	1.8
208-96-8	Acenaphthylene	52.5		5.6	2.2
606-20-2	2,6-Dinitrotoluene	53.7		1.1	0.33
99-09-2	3-Nitroaniline	46.4		11	2.4
83-32-9	Acenaphthene	53.0		5.6	2.1
51-28-5	2,4-Dinitrophenol	19.8		17	2.7
100-02-7	4-Nitrophenol	12.3	J	17	1.3
132-64-9	Dibenzofuran	52.5		5.6	2.0
121-14-2	2,4-Dinitrotoluene	50.4		1.1	0.24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-02 | Lab Sample ID: 460-7904-2 MSD

Matrix: Water | Lab File ID: z5815.d

Analysis Method: 8270C | Date Collected: 11/12/2009 10:40

Extract. Method: 3510C | Date Extracted: 11/13/2009 08:50

Sample wt/vol: 900(mL) | Date Analyzed: 11/13/2009 19:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 22586 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-66-2	Diethyl phthalate	51.8		5.6	2.1
7005-72-3	4-Chlorophenyl phenyl ether	54.1		5.6	2.2
86-73-7	Fluorene	52.5		5.6	1.8
100-01-6	4-Nitroaniline	45.8		11	2.2
534-52-1	4,6-Dinitro-2-methylphenol	43.7		17	2.9
86-30-6	N-Nitrosodiphenylamine	58.6		5.6	2.2
101-55-3	4-Bromophenyl phenyl ether	57.9		5.6	2.2
118-74-1	Hexachlorobenzene	56.4		0.56	0.15
1912-24-9	Atrazine	48.0		5.6	2.6
87-86-5	Pentachlorophenol	41.5		17	2.8
85-01-8	Phenanthrene	54.4		5.6	2.0
120-12-7	Anthracene	54.8		5.6	2.0
86-74-8	Carbazole	51.1		5.6	1.7
84-74-2	Di-n-butyl phthalate	53.9		5.6	1.5
206-44-0	Fluoranthene	50.4		5.6	1.5
129-00-0	Pyrene	54.1		5.6	2.4
85-68-7	Butyl benzyl phthalate	55.0		5.6	1.5
91-94-1	3,3'-Dichlorobenzidine	59.1		11	3.9
56-55-3	Benzo[a]anthracene	52.3		0.56	0.15
218-01-9	Chrysene	57.4		5.6	2.1
117-81-7	Bis(2-ethylhexyl) phthalate	53.7		5.6	1.3
117-84-0	Di-n-octyl phthalate	50.7		5.6	1.1
205-99-2	Benzo[b]fluoranthene	56.5		0.56	0.12
207-08-9	Benzo[k]fluoranthene	56.1		0.56	0.17
50-32-8	Benzo[a]pyrene	48.0		0.56	0.10
193-39-5	Indeno[1,2,3-cd]pyrene	59.2		0.56	0.067
53-70-3	Dibenz(a,h)anthracene	56.2		0.56	0.089
191-24-2	Benzo[g,h,i]perylene	69.7		5.6	1.5
92-52-4	Diphenyl	53.8		5.6	3.0
106-44-5	4-Methylphenol	28.2		5.6	0.88
108-60-1	bis (2-chloroisopropyl) ether	57.5		5.6	1.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Client Sample ID: GW-017338-111209-ACH-02 Lab Sample ID: 460-7904-2 MSD

Matrix: Water Lab File ID: z5815.d

Analysis Method: 8270C Date Collected: 11/12/2009 10:40

Extract. Method: 3510C Date Extracted: 11/13/2009 08:50

Sample wt/vol: 900(mL) Date Analyzed: 11/13/2009 19:00

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 22586 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
367-12-4	2-Fluorophenol	34	14-68	
321-60-8	2-Fluorobiphenyl	93	61-112	
4165-62-2	Phenol-d5	22	9-48	
4165-60-0	Nitrobenzene-d5	95	61-120	
118-79-6	2,4,6-Tribromophenol	91	50-119	
1718-51-0	Terphenyl-d14	92	41-124	

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5815.d
Report Date: 16-Nov-2009 11:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5815.d
Lab Smp Id: 460-7904-A-2-B MSD Client Smp ID: GW-017338-111209-AC
Inj Date : 13-NOV-2009 19:00
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-7904-A-2-B MSD
Misc Info : 460-7904-A-2-B MSD
Comment   :
Method   : /chem/BNAMS11.i/8270/11-03-09/13nov09.b/8270C_08SP.m
Meth Date : 13-Nov-2009 14:28 croccom Quant Type: ISTD
Cal Date : 03-NOV-2009 16:05 Cal File: z5465.d
Als bottle: 23 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1.00000	Volume of final extract (mL)
Vo	900.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	19 N-Nitrosodimethylamine	74	1.181	1.187	(0.346)	89628	21.1650	24
	71 Pyridine	79	1.205	1.204	(0.353)	134123	17.4114	19
$	16 2-Fluorophenol (SUR)	112	2.193	2.198	(0.643)	131767	17.0094	19
	110 Benzaldehyde	77	2.963	2.963	(0.869)	254031	88.9199	99(R)
	73 Aniline	93	3.075	3.087	(0.902)	295616	27.2971	30
$	17 Phenol-d5 (SUR)	99	3.087	3.104	(0.905)	91090	10.8488	12
	1 Phenol	94	3.099	3.116	(0.909)	113832	11.7012	13(R)
	20 bis(2-Chloroethyl)ether	93	3.157	3.169	(0.926)	337174	43.3343	48
	2 2-Chlorophenol	128	3.199	3.210	(0.938)	307012	35.8453	40
	21 1,3-Dichlorobenzene	146	3.352	3.357	(0.983)	383374	37.7007	42
*	79 1,4-Dichlorobenzene-d4	152	3.410	3.416	(1.000)	248627	40.0000	
	22 1,4-Dichlorobenzene	146	3.428	3.434	(1.005)	391161	38.7751	43
	74 Benzyl Alcohol	108	3.581	3.592	(1.050)	141958	31.2066	35
	23 1,2-Dichlorobenzene	146	3.581	3.587	(1.050)	361100	39.2180	44
	24 bis (2-chloroisopropyl) ether	45	3.722	3.722	(1.091)	305024	51.7919	58

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5815.d
Report Date: 16-Nov-2009 11:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	3 2-Methylphenol	108	3.722	3.740	(1.091)	189982	29.1397	32
	104 Acetophenone	105	3.846	3.857	(1.128)	477466	47.6068	53
	25 N-Nitroso-di-n-propylamine	70	3.863	3.875	(1.133)	222843	49.5742	55
	4 4-Methylphenol	108	3.887	3.898	(1.140)	173219	25.4155	28
	123 3 & 4 Methylphenol	108	3.887	3.898	(1.140)	173259	25.1486	28
	26 Hexachloroethane	117	3.928	3.928	(1.152)	146356	37.7535	42
$	76 Nitrobenzene-d5 (SUR)	82	3.993	3.998	(0.847)	361627	47.2724	52
	27 Nitrobenzene	77	4.016	4.022	(0.852)	445658	44.3332	49
	107 N,N-Dimethylaniline	120	4.022	4.028	(1.179)	442705	37.2448	41
	28 Isophorone	82	4.263	4.275	(0.904)	587728	45.7704	51
	5 2-Nitrophenol	139	4.340	4.345	(0.920)	176333	41.4922	46
	6 2,4-Dimethylphenol	122	4.428	4.434	(0.939)	249569	39.9312	44
	29 bis(2-Chloroethoxy)methane	93	4.510	4.516	(0.956)	361552	46.7438	52
	7 2,4-Dichlorophenol	162	4.599	4.604	(0.975)	247760	42.2014	47
	30 1,2,4-Trichlorobenzene	180	4.669	4.669	(0.990)	285927	39.5402	44
*	80 Naphthalene-d8	136	4.716	4.716	(1.000)	832171	40.0000	
	31 Naphthalene	128	4.734	4.739	(1.004)	896152	41.3336	46
	32 4-Chloroaniline	127	4.816	4.822	(1.021)	341102	42.2904	47
	33 Hexachlorobutadiene	225	4.887	4.886	(1.036)	170548	38.6958	43
	111 Caprolactam	113	5.169	5.216	(1.096)	7970	4.57134	5.1(aR)
	8 4-Chloro-3-methylphenol	107	5.340	5.357	(1.132)	219449	37.5719	42
	34 2-Methylnaphthalene	142	5.434	5.439	(1.152)	561346	42.8001	48
	120 1-Methylnaphthalene	142	5.528	5.534	(1.172)	6889	0.53018	0.59(a)
	35 Hexachlorocyclopentadiene	237	5.604	5.610	(0.868)	155871	42.2250	47
	9 2,4,6-Trichlorophenol	196	5.740	5.745	(0.889)	171615	46.2042	51
	10 2,4,5-Trichlorophenol	196	5.775	5.786	(0.894)	173556	45.6188	51
$	77 2-Fluorobiphenyl (SUR)	172	5.822	5.822	(0.902)	608484	46.6045	52
	36 2-Chloronaphthalene	162	5.916	5.922	(0.916)	513724	46.9924	52
	102 Diphenyl	154	5.910	5.916	(0.915)	662541	48.3823	54
	103 Diphenyl Ether	170	6.016	6.022	(0.932)	370617	47.8091	53
	37 2-Nitroaniline	65	6.040	6.045	(0.935)	153974	47.6284	53
	38 Dimethylphthalate	163	6.240	6.245	(0.966)	584688	50.2358	56
	40 2,6-Dinitrotoluene	165	6.287	6.292	(0.974)	130820	48.3542	54
	39 Acenaphthylene	152	6.316	6.322	(0.978)	824657	47.2395	52
	41 3-Nitroaniline	138	6.445	6.451	(0.998)	122216	41.8036	46
*	82 Acenaphthene-d10	164	6.457	6.463	(1.000)	379579	40.0000	
	42 Acenaphthene	154	6.492	6.498	(1.005)	478158	47.6836	53
	11 2,4-Dinitrophenol	184	6.551	6.557	(1.015)	25638	17.8041	20
	12 4-Nitrophenol	65	6.663	6.669	(1.032)	21199	11.0901	12(a)
	43 Dibenzofuran	168	6.663	6.669	(1.032)	696083	47.2681	52
	44 2,4-Dinitrotoluene	165	6.675	6.686	(1.034)	161601	45.3250	50
	45 Diethylphthalate	149	6.934	6.939	(1.074)	552231	46.5799	52(H)
	47 Fluorene	166	6.992	6.998	(1.083)	552111	47.2364	52
	46 4-Chlorophenyl-phenylether	204	7.016	7.016	(1.087)	281266	48.6533	54
	48 4-Nitroaniline	138	7.045	7.051	(1.091)	109991	41.2611	46
	13 4,6-Dinitro-2-methylphenol	198	7.075	7.080	(0.896)	65812	39.3300	44
	49 N-Nitrosodiphenylamine	169	7.134	7.139	(0.903)	371762	52.7437	59

Data File: /chem/BNAMS11.i/8270/11-03-09/13nov09.b/z5815.d
Report Date: 16-Nov-2009 11:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	75 1,2-Diphenylhydrazine	77	7.169	7.169	(0.908)	574659	50.8164	56
$	18 2,4,6-Tribromophenol (SUR)	330	7.234	7.239	(1.120)	75001	45.3714	50
	50 4-Bromophenyl-phenylether	248	7.487	7.486	(0.948)	158237	52.1500	58
	51 Hexachlorobenzene	284	7.534	7.539	(0.954)	155387	50.7637	56
	112 Atrazine	200	7.681	7.686	(0.972)	109804	43.2365	48
	14 Pentachlorophenol	266	7.734	7.739	(0.979)	67136	37.3089	41
*	83 Phenanthrene-d10	188	7.898	7.904	(1.000)	495542	40.0000	
	52 Phenanthrene	178	7.922	7.927	(1.003)	669055	48.9651	54
	53 Anthracene	178	7.969	7.975	(1.009)	682092	49.2966	55
	54 Carbazole	167	8.145	8.151	(1.031)	550137	46.0258	51
	55 Di-n-butylphthalate	149	8.528	8.527	(1.080)	756139	48.5194	54
	56 Fluoranthene	202	9.069	9.074	(1.148)	591374	45.3312	50
	58 Benzidine	184	9.228	9.257	(1.168)	27403	15.8767	18
	57 Pyrene	202	9.286	9.286	(0.887)	583073	48.6675	54
$	78 Terphenyl-d14	244	9.469	9.474	(0.904)	423009	46.0341	51
	59 Butylbenzylphthalate	149	9.969	9.974	(0.952)	246259	49.4966	55
	61 Benzo(a)anthracene	228	10.463	10.468	(0.999)	402958	47.1034	52
	60 3,3'-Dichlorobenzidine	252	10.463	10.468	(0.999)	118063	53.1599	59
*	81 Chrysene-d12	240	10.475	10.480	(1.000)	307501	40.0000	
	62 Chrysene	228	10.498	10.504	(1.002)	407777	51.6679	57
	63 bis(2-Ethylhexyl)phthalate	149	10.569	10.574	(1.009)	313028	48.3251	54
	64 Di-n-octylphthalate	149	11.298	11.304	(0.933)	410847	45.6720	51
	65 Benzo(b)fluoranthene	252	11.651	11.657	(0.963)	289778	50.8668	56
	66 Benzo(k)fluoranthene	252	11.686	11.692	(0.965)	338348	50.5039	56
	67 Benzo(a)pyrene	252	12.033	12.039	(0.994)	224321	43.2025	48
*	84 Perylene-d12	264	12.104	12.110	(1.000)	201126	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	13.410	13.415	(1.108)	205186	53.2727	59
	69 Dibenz(a,h)anthracene	278	13.445	13.451	(1.111)	229751	50.5495	56
	70 Benzo(g,h,i)perylene	276	13.721	13.727	(1.134)	246770	62.7277	70(R)

QC Flag Legend

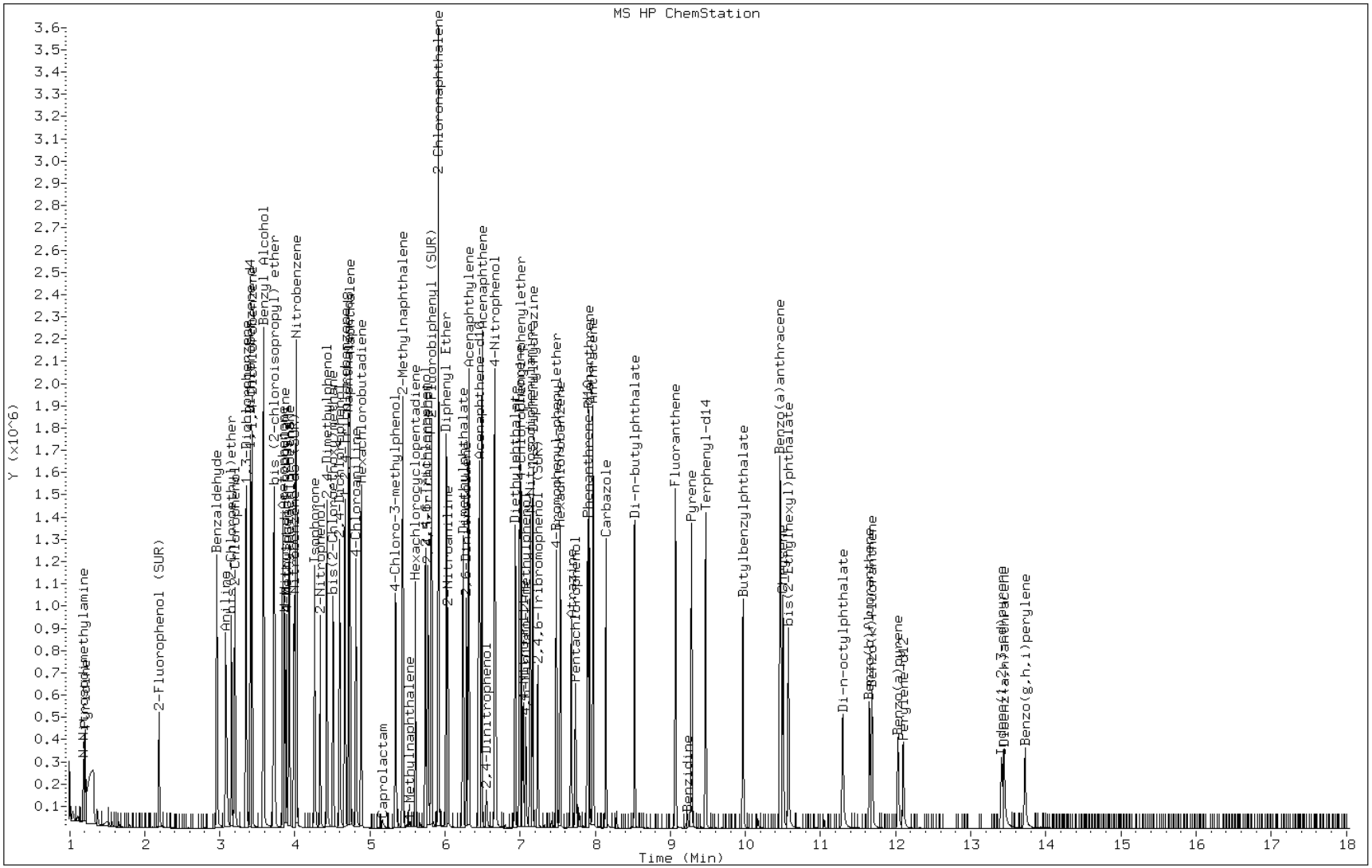
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: z5815.d

Date: 13-NOV-2009 19:00

Client ID: GW-017338-111209-AC Instrument: BNAMS11.i

Sample Info: 460-7904-A-2-B MSD Operator: BNAMS 4



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 11/03/2009 13:41

Analysis Batch Number: 21625 End Date: 11/03/2009 23:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-21625/1		11/03/2009 13:41	1	z5459.d	Rtx-5MS 0.25(mm)
ICIS 460-21625/2		11/03/2009 13:59	1	z5460.d	Rtx-5MS 0.25(mm)
IC 460-21625/3		11/03/2009 14:27	1	z5461.d	Rtx-5MS 0.25(mm)
IC 460-21625/4		11/03/2009 14:51	1	z5462.d	Rtx-5MS 0.25(mm)
IC 460-21625/5		11/03/2009 15:16	1	z5463.d	Rtx-5MS 0.25(mm)
IC 460-21625/6		11/03/2009 15:41	1	z5464.d	Rtx-5MS 0.25(mm)
IC 460-21625/7		11/03/2009 16:05	1	z5465.d	Rtx-5MS 0.25(mm)
ZZZZZ		11/03/2009 23:51	50		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 11/13/2009 09:08

Analysis Batch Number: 22586 End Date: 11/13/2009 20:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-22586/1		11/13/2009 09:08	1	z5793.d	Rtx-5MS 0.25(mm)
CCVIS 460-22586/2		11/13/2009 09:25	1	z5794.d	Rtx-5MS 0.25(mm)
ZZZZZ		11/13/2009 11:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/13/2009 11:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/13/2009 11:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/13/2009 12:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/13/2009 12:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/13/2009 13:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/13/2009 13:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/13/2009 14:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/13/2009 14:32	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/13/2009 14:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/13/2009 15:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/13/2009 15:45	1		Rtx-5MS 0.25(mm)
LCS 460-22553/2-A		11/13/2009 17:47	1	z5812.d	Rtx-5MS 0.25(mm)
460-7904-2	GW-017338-111209-ACH-02	11/13/2009 18:12	1	z5813.d	Rtx-5MS 0.25(mm)
460-7904-2 MS	GW-017338-111209-ACH-02 MS	11/13/2009 18:36	1	z5814.d	Rtx-5MS 0.25(mm)
460-7904-2 MSD	GW-017338-111209-ACH-02 MSD	11/13/2009 19:00	1	z5815.d	Rtx-5MS 0.25(mm)
460-7904-1	EB-017338-111209-ACH-01	11/13/2009 19:25	1	z5816.d	Rtx-5MS 0.25(mm)
460-7904-5	GW-017338-111209-ACH-05	11/13/2009 20:38	1	z5819.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 11/16/2009 02:00

Analysis Batch Number: 22779 End Date: 11/16/2009 13:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-22779/1		11/16/2009 02:00	1	z5842.d	Rtx-5MS 0.25(mm)
ICIS 460-22779/2		11/16/2009 02:14	1	z5843.d	Rtx-5MS 0.25(mm)
IC 460-22779/3		11/16/2009 02:42	1	z5844.d	Rtx-5MS 0.25(mm)
IC 460-22779/4		11/16/2009 03:07	1	z5845.d	Rtx-5MS 0.25(mm)
IC 460-22779/5		11/16/2009 03:31	1	z5846.d	Rtx-5MS 0.25(mm)
IC 460-22779/6		11/16/2009 03:55	1	z5847.d	Rtx-5MS 0.25(mm)
IC 460-22779/7		11/16/2009 04:19	1	z5848.d	Rtx-5MS 0.25(mm)
ZZZZZ		11/16/2009 09:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/16/2009 10:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/16/2009 10:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/16/2009 11:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/16/2009 11:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/16/2009 12:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/16/2009 12:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/16/2009 12:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/16/2009 13:19	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 11/17/2009 10:31

Analysis Batch Number: 23191 End Date: 11/17/2009 21:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-23191/1		11/17/2009 10:31	1	z5918.d	Rtx-5MS 0.25(mm)
CCVIS 460-23191/2		11/17/2009 10:45	1	z5919.d	Rtx-5MS 0.25(mm)
ZZZZZ		11/17/2009 13:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/17/2009 13:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/17/2009 14:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/17/2009 14:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/17/2009 15:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/17/2009 15:54	5		Rtx-5MS 0.25(mm)
ZZZZZ		11/17/2009 16:18	5		Rtx-5MS 0.25(mm)
460-7904-3	GW-017338-111209-ACH-03	11/17/2009 16:43	2	z5933.d	Rtx-5MS 0.25(mm)
460-7904-4	GW-017338-111209-ACH-04	11/17/2009 17:07	2	z5934.d	Rtx-5MS 0.25(mm)
ZZZZZ		11/17/2009 17:31	10		Rtx-5MS 0.25(mm)
ZZZZZ		11/17/2009 17:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/17/2009 18:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/17/2009 18:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/17/2009 19:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/17/2009 19:32	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/17/2009 19:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/17/2009 20:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/17/2009 20:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/17/2009 21:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/17/2009 21:58	1		Rtx-5MS 0.25(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/625/11-03-09/03nov09.b

Date Generated: 11/04/2009

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
11/03/09 1341	z5459.d	1	DFTPP-61180	—	—	0	0	1	2.0	all	4879	c
11/03/09 1359	z5460.d	2	ICVIS-210292	—	—	1000	2	1	1.0	all	4407	6
11/03/09 1427	z5461.d	3	IC-210298	—	—	1000	2	1	1.0	all	4407	6
11/03/09 1451	z5462.d	4	IC-210293	—	—	1000	2	1	1.0	all	4407	6
11/03/09 1516	z5463.d	5	IC-210297	—	—	1000	2	1	1.0	all	4407	6
11/03/09 1541	z5464.d	6	IC-210296	—	—	1000	2	1	1.0	all	4407	6
11/03/09 2301	z5466.d	8	icv	03nov09	—	1000	1	1	1.0	all	4411	6 3 good compounds within 60-135%
11/04/09 0015	z5468.d	10	460-7194-P-5-A	460-21007	10/29/09	860	2	5	1.0	all	—	RR20
11/04/09 0040	z5469.d	11	460-7194-P-6-A	460-21007	10/29/09	990	2	1	1.0	all	-	6
11/04/09 0108	z5470.d	12	460-7198-I-1-A	460-21007	10/29/09	980	2	1	1.0	all	—	c
11/04/09 0133	z5471.d	13	460-7229-A-1-A	460-21007	10/29/09	990	2	1	1.0	all	—	6
11/04/09 0158	z5472.d	14	460-7239-E-7-A	460-21007	10/29/09	980	2	1	1.0	all	—	c
11/04/09 0222	z5473.d	15	460-7276-A-1-A	460-21007	10/29/09	1000	2	1	1.0	all	—	6
11/04/09 0247	z5474.d	16	460-7276-B-2-A	460-21007	10/29/09	1000	2	1	1.0	all	—	c

6's range good except for benzaldehyde benzidine

11/30/2009

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/625/11-03-09/03nov09.b

Date Generated: 11/04/2009

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
11/04/09 0312	z5475.d	17	460-7276-A-3-A	460-21007	10/29/09	990	2	1	1.0	all		
											-	G
11/04/09 0336	z5476.d	18	460-7264-C-6-A	460-21284	11/02/09	980	2	1	1.0	all		(M) 11/9/09
											-	RE ~~Surr~~ 2surr low
11/04/09 0401	z5477.d	19	460-7213-B-1-A	460-21102	10/29/09	980	2	1	1.0	all		
											-	G
11/04/09 0426	z5478.d	20	460-7207-A-2-A	460-21102	10/29/09	990	2	2	1.0	all		
											-	G
11/04/09 0450	z5479.d	21	460-7207-B-3-A	460-21102	10/29/09	990	2	100	1.0	all		
											-	G Surr diluted out
11/04/09 0515	z5480.d	22	460-7207-B-5-A	460-21102	10/29/09	980	2	50	1.0	all		
											-	RE 100x
11/04/09 0540	z5481.d	23	460-7207-A-6-A	460-21102	10/29/09	970	2	5	1.0	all		
											-	G
11/04/09 0604	z5482.d	24	460-7207-B-7-A	460-21102	10/29/09	990	2	100	1.0	all		
											-	G Surr diluted out
11/04/09 0629	z5483.d	25	460-7207-B-8-A	460-21102	10/29/09	990	2	500	1.0	all		
											-	B Surr diluted out
11/04/09 0654	z5484.d	26	460-7194-P-3-A	460-21007	10/29/09	990	2	1	1.0	all		
											-	NB - surr low - sent to RE
11/04/09 0718	z5485.d	27	460-7194-O-4-A	460-21007	10/29/09	990	2	1	1.0	all		
											-	NB - surr low sent to RE
11/04/09 0743	z5486.d	28	460-7290-A-7-B	460-21284	11/02/09	980	2	1	1.0	all		
											-	G
11/04/09 0808	z5487.d	29	ISTD 4414D	03nov09		1000	2	1	1.0	all		
											-	Per Told test purpose
11/04/09 0843	z5488.d	30	MB 460-21532/1-A	460-21532		1000	2	1	1.0	all		
											-	B

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/625/11-03-09/03nov09.b

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
11/04/09 0908	z5489.d	31	LCS 460-21532/2-A	460-21532	—	1000	2	1	1.0	all	—	RR spike high
11/04/09 0932	z5490.d	32	460-7503-H-1-A	460-21532	11/03/09	990	2	1	1.0	all	—	G
11/04/09 0957	z5491.d	33	460-7503-G-2-A	460-21532	11/03/09	990	2	1	1.0	all	—	RB ~~NF~~ M 4 surr low 11/4/09
11/04/09 1022	z5492.d	34	LCS 460-21532/2-A	460-21532	—	1000	2	1	1.0	all	—	G
11/04/09 1046	z5493.d	35	460-7264-C-6-A	460-21284	11/02/09	980	2	1	1.0	all	—	RB M 11/4/09 ~~H~~ 2surr low
11/04/09 1111	z5494.d	36	460-7414-E-8-B	460-21532	11/03/09	900	2	1	1.0	all	—	RR 2surr high
11/04/09 1135	z5495.d	37	460-7414-D-8-A MS	460-21532	11/03/09	900	2	1	1.0	all	—	G
11/04/09 1200	z5496.d	38	460-7414-E-8-A MSD	460-21532	11/03/09	900	2	1	1.0	all	—	G
11/04/09 1225	z5497.d	39	460-7414-E-8-B	460-21532	11/03/09	900	2	1	1.0	all	—	G

Signed: Michael Morris Read and Understood by: [signature]

Date: 11/4/09 Date: 11-4-09

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/11-03-09/03nov09.b

Date Generated: 11/04/2009

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
11/03/09 1341	z5459.d	1	DFTPP-61180	—	—	0	0	1	2.0	all	4879	6
11/03/09 1359	z5460.d	2	ICIS-210292	—	—	1000	2	1	1.0	all	4407	6
11/03/09 1427	z5461.d	3	IC-210298	—	—	1000	2	1	1.0	all	4407	6
11/03/09 1451	z5462.d	4	IC-210293	—	—	1000	2	1	1.0	all	4407	6
11/03/09 1516	z5463.d	5	IC-210297	—	—	1000	2	1	1.0	all	4407	6
11/03/09 1541	z5464.d	6	IC-210296	—	—	1000	2	1	1.0	all	4407	6
11/03/09 1605	z5465.d	7	IC-210307	—	—	1000	2	1	1.0	all	4407	6
11/03/09 2301	z5466.d	8	icv	03nov09	—	1000	1	1	1.0	all	4411	6 4 compounds within 65 to 135%
11/03/09 2351	z5467.d	9	460-7292-B-3-A	460-21336	11/02/09	990	2	50	1.0	all	—	6 sure diluted out

8270 range good except for 1) benzaldehyde 2) benzidine

Signed: Michael Morris Read and Understood by: [signature]

Date: 11/4/09 Date: 11-4-09

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/11-03-09/13nov09.b

Date Generated: 11/16/2009

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
11/13/09 0908	z5793.d	1	DFTPP-61180	—	—	0	0	1	2.0	all	4379	G
11/13/09 0925	z5794.d	2	CCVIS-277594	—	—	15	1	1	1.0	all	4425	G no benzaldehyde 1,4-Dioxane benzene
11/13/09 1006	z5795.d	3	ISTD 4414J	13nov09	—	15	1	1	1.0	all	—	Per SOP for purpose
11/13/09 1103	z5796.d	4	LCSD 460-22250/3-A	460-22250	—	1000	2	1	1.0	all	—	G
11/13/09 1131	z5797.d	5	MB 460-22521/1-A	460-22521	—	250	2	1	1.0	jTCLP	—	G
11/13/09 1155	z5798.d	6	LCS 460-22521/2-A	460-22521	—	250	2	1	1.0	jTCLP	—	G
11/13/09 1220	z5799.d	7	460-7736-A-1-K	460-22521	11/12/09	250	2	1	1.0	jTCLP	—	G
11/13/09 1251	z5800.d	8	460-7527-A-6-R	460-22521	11/12/09	250	2	1	1.0	jTCLP	—	G
11/13/09 1316	z5801.d	9	460-7527-A-6-P MS	460-22521	11/12/09	250	2	1	1.0	jTCLP	—	G
11/13/09 1341	z5802.d	10	460-7527-A-6-Q MSD	460-22521	11/12/09	250	2	1	1.0	jTCLP	—	G
11/13/09 1405	z5803.d	11	460-7676-A-30-C	460-22150	11/10/09	15.0	1	1	1.0	all	—	G
11/13/09 1432	z5804.d	12	460-7749-A-1-F	460-22521	11/12/09	250	2	1	1.0	jTCLP	—	G
11/13/09 1456	z5805.d	13	460-7751-A-1-E	460-22521	11/12/09	250	2	1	1.0	jTCLP	—	G
11/13/09 1521	z5806.d	14	LB 460-21721/6-J	460-22521	—	250	2	1	1.0	jTCLP	—	G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/11-03-09/13nov09.b

Date Generated: 11/16/2009

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
										@ 11/16/09		
11/13/09 1545	z5807.d	15	LB 460-22270/1-E	460-22521		250	2	1	1.0	~~all~~ 1,7,11,P	—	6
11/13/09 1610	z5808.d	16	460-7685-B-1-A	460-22250	11/10/09	980	2	10	1.0	all	—	RA Sx
11/13/09 1635	z5809.d	17	460-7685-A-2-A	460-22250	11/10/09	970	2	10	1.0	all	—	RA 5x
11/13/09 1659	z5810.d	18	MECL2 test H40E31	—	—	1000	2	1	1.0	all	—	~~test purpose~~
11/13/09 1723	z5811.d	19	MB 460-22553/1-A	460-22553		1000	1	1	1.0	all		6 @ 11/16/09
11/13/09 1747	z5812.d	20	LCS 460-22553/2-A	460-22553	—	1000	1	1	1.0	all	—	~~RE~~ per Small level limits (Mirodes/MH)
11/13/09 1812	z5813.d	21	460-7904-B-2-A	460-22553	11/13/09	900	1	1	1.0	all	—	6
11/13/09 1836	z5814.d	22	460-7904-A-2-A MS	460-22553	11/13/09	900	1	1	1.0	all	—	6
11/13/09 1900	z5815.d	23	460-7904-A-2-B MSD	460-22553	11/13/09	900	1	1	1.0	all	—	6
11/13/09 1925	z5816.d	24	460-7904-B-1-A	460-22553	11/13/09	980	1	1	1.0	all	—	6
11/13/09 1949	z5817.d	25	460-7904-B-3-A	460-22553	11/13/09	970	1	1	1.0	all	—	RA 2x
11/13/09 2013	z5818.d	26	460-7904-A-4-A	460-22553	11/13/09	980	1	1	1.0	all	—	RA 2x
11/13/09 2038	z5819.d	27	460-7904-B-5-A	460-22553	11/13/09	990	1	1	1.0	all	—	6
11/13/09 2102	z5820.d	28	blk	13nov09	—	15	1	1	1.0	all	—	—

Signed: Michael Moore 11/16/09 Read and Understood by: 11-16-09

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/11-03-09/13nov09.b

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
11/13/09 0908	z5793.d	1	DFTPP-61180	—	—	0	0	1	2.0	all	4379	G
11/13/09 0925	z5794.d	2	CCVIS-277594	—	—	15	1	1	1.0	all	4425	G no benzaldehyde 1,4-Dioxane benzene
11/13/09 1006	z5795.d	3	ISTD 4414J	13nov09	—	15	1	1	1.0	all	—	Gr tank for purge
11/13/09 1103	z5796.d	4	LCSD 460-22250/3-A	460-22250	—	1000	2	1	1.0	all	—	G
11/13/09 1131	z5797.d	5	MB 460-22521/1-A	460-22521	—	250	2	1	1.0	jTCLP	—	G
11/13/09 1155	z5798.d	6	LCS 460-22521/2-A	460-22521	—	250	2	1	1.0	jTCLP	—	G
11/13/09 1220	z5799.d	7	460-7736-A-1-K	460-22521	11/12/09	250	2	1	1.0	jTCLP	—	G
11/13/09 1251	z5800.d	8	460-7527-A-6-R	460-22521	11/12/09	250	2	1	1.0	jTCLP	—	G
11/13/09 1316	z5801.d	9	460-7527-A-6-P MS	460-22521	11/12/09	250	2	1	1.0	jTCLP	—	G
11/13/09 1341	z5802.d	10	460-7527-A-6-Q MSD	460-22521	11/12/09	250	2	1	1.0	jTCLP	—	G
11/13/09 1405	z5803.d	11	460-7676-A-30-C	460-22150	11/10/09	15.0	1	1	1.0	all	—	G
11/13/09 1432	z5804.d	12	460-7749-A-1-F	460-22521	11/12/09	250	2	1	1.0	jTCLP	—	G
11/13/09 1456	z5805.d	13	460-7751-A-1-E	460-22521	11/12/09	250	2	1	1.0	jTCLP	—	G
11/13/09 1521	z5806.d	14	LB 460-21721/6-J	460-22521	—	250	2	1	1.0	jTCLP	—	G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/11-03-09/13nov09.b

Date Generated: 11/16/2009

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
										@ 11/16/09		
11/13/09 1545	z5807.d	15	LB 460-22270/1-E	460-22521		250	2	1	1.0	~~all~~ 27CLP	—	6
11/13/09 1610	z5808.d	16	460-7685-B-1-A	460-22250	11/10/09	980	2	10	1.0	all	—	RA Sx
11/13/09 1635	z5809.d	17	460-7685-A-2-A	460-22250	11/10/09	970	2	10	1.0	all	—	RA Sx
11/13/09 1659	z5810.d	18	MECL2 test H40E31	—	—	1000	2	1	1.0	all	—	test purpose
11/13/09 1723	z5811.d	19	MB 460-22553/1-A	460-22553	—	1000	1	1	1.0	all	—	@ 11/16/09 Re per small level mtb
11/13/09 1747	z5812.d	20	LCS 460-22553/2-A	460-22553	—	1000	1	1	1.0	all	—	6
11/13/09 1812	z5813.d	21	460-7904-B-2-A	460-22553	11/13/09	900	1	1	1.0	all	—	6
11/13/09 1836	z5814.d	22	460-7904-A-2-A MS	460-22553	11/13/09	900	1	1	1.0	all	—	6
11/13/09 1900	z5815.d	23	460-7904-A-2-B MSD	460-22553	11/13/09	900	1	1	1.0	all	—	6
11/13/09 1925	z5816.d	24	460-7904-B-1-A	460-22553	11/13/09	980	1	1	1.0	all	—	6
11/13/09 1949	z5817.d	25	460-7904-B-3-A	460-22553	11/13/09	970	1	1	1.0	all	—	RA 2x
11/13/09 2013	z5818.d	26	460-7904-A-4-A	460-22553	11/13/09	980	1	1	1.0	all	—	RA 2x
11/13/09 2038	z5819.d	27	460-7904-B-5-A	460-22553	11/13/09	990	1	1	1.0	all	—	6
11/13/09 2102	z5820.d	28	blk	13nov09	—	15	1	1	1.0	all	—	—

Signed: Michael Moore 11/16/09 Read and Understood by: 11-16-09

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/11-16-09/16nov09.b

Date Generated: 11/16/2009

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
11/16/09 0200	z5842.d	1	DFTPP-61180	—	—	0	0	1	2.0	all	4428	6
11/16/09 0214	z5843.d	2	ICIS-277594	—	—	1000	2	1	1.0	all	4426	6
11/16/09 0242	z5844.d	3	IC-277682	—	—	1000	2	1	1.0	all	4426	6
11/16/09 0307	z5845.d	4	IC-277631	—	—	1000	2	1	1.0	all	4426	6 DDD rank @ 11% RSD good soon except for benzaldehyde benzidine
11/16/09 0331	z5846.d	5	IC-277698	—	—	1000	2	1	1.0	all	4426	6
11/16/09 0355	z5847.d	6	IC-277680	—	—	1000	2	1	1.0	all	4426	6
11/16/09 0419	z5848.d	7	IC-277681	—	—	1000	2	1	1.0	all	4426	6
11/16/09 0444	z5849.d	8	icv	16nov09	—	1000	1	1	1.0	all	4411	6 Good compound within 60 to 150% 3 compounds outside QC limits
11/16/09 0909	z5859.d	18	istd 4414j	16nov09	—	15	1	1	1.0	all	—	for ISTD test purpose
11/16/09 0934	z5860.d	19	istd 4414k	16nov09	—	15	1	1	1.0	all	—	V
11/16/09 0959	z5861.d	20	MB 460-22552/1-A	460-22552	—	1000	2	1	1.0	all-h2	—	6 1,2-dichlorobenzene (artifact)
11/16/09 1023	z5862.d	21	LCS 460-22552/2-A	460-22552	—	1000	2	1	1.0	all-h2	—	6
11/16/09 1048	z5863.d	22	LCSD 460-22552/3-A	460-22552	—	1000	2	1	1.0	all-h2	—	6
11/16/09 1113	z5864.d	23	460-7670-H-11-A	460-22552	11/13/09	900	2	1	1.0	all-h2	—	6

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/11-16-09/16nov09.b

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
11/16/09 1137	z5865.d	24	MB 460-22681/1-A	460-22681	–	15	1	1	1.0	all-so	–	6 1,2-dichlorobenzene Carryover
11/16/09 1202	z5866.d	25	LCS 460-22681/2-A	460-22681	–	15	1	1	1.0	all-so	–	6
11/16/09 1230	z5867.d	26	460-7670-F-6-E	460-22681	11/15/09	15.1	1	1	1.0	all-so	–	6
11/16/09 1254	z5868.d	27	460-7670-F-8-G	460-22681	11/15/09	15.0	1	1	1.0	all	–	6
11/16/09 1319	z5869.d	28	460-7670-F-9-E	460-22681	11/15/09	15.0	1	1	1.0	all	–	8

Signed: Michael Rocco Read and Understood by: [signature]

Date: 11/16/09 Date: 11-16-09

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/11-16-09/17nov09.b

Date Generated: 11/18/2009

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
11/17/09 0918	z5916.d	1	DFTPP-~~61180~~ 284095 ✓ 11/18/09	—	~	0	0	1	2.0	all	4926	NC
11/17/09 0932	z5917.d	2	CCVIS-277594	—	—	15	1	1	1.0	all	4926	↓ redo maintenance
11/17/09 1031	z5918.d	1	DFTPP-61180	—	—	0	0	1	2.0	all	4926	C
11/17/09 1045	z5919.d	2	CCVIS-277594	—	—	15	1	1	1.0	all	4926	C no 1M-Dioxane ; benzidine benzaldehyde
11/17/09 1117	z5920.d	3	MB 460-22807/1-A	460-22807	—	15	1	1	1.0	all-so	—	
11/17/09 1141	z5921.d	4	LCS 460-22807/2-A	460-22807	—	15	1	1	1.0	all-so	—	
11/17/09 1207	z5922.d	5	460-7990-A-1-A	460-22807	11/16/09	15	1	1	1.0	all-so	—	
11/17/09 1232	z5923.d	6	460-7990-A-2-A	460-22807	11/16/09	15	1	1	1.0	all-so	—	not reported — sent to RE due to matrix
11/17/09 1256	z5924.d	7	460-7990-A-3-A	460-22807	11/16/09	15	1	1	1.0	all-so	—	
11/17/09 1327	z5925.d	8	MB 460-22637/1-A	460-22637	~	250	2	1	1.0	jTCLP	—	C
11/17/09 1352	z5926.d	9	LCS 460-22637/2-A	17nov09	—	250	2	1	1.0	jTCLP	—	C
11/17/09 1416	z5927.d	10	460-7694-A-1-F	460-22637	11/13/09	250	2	1	1.0	jTCLP	—	C
11/17/09 1441	z5928.d	11	460-7694-A-1-D MS	460-22637	11/13/09	250	2	1	1.0	jTCLP	—	C
11/17/09 1505	z5929.d	12	460-7694-A-1-E MSD	460-22637	11/13/09	250	2	1	1.0	jTCLP	—	C

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/11-16-09/17nov09.b

Date Generated: 11/18/2009

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
11/17/09 1530	z5930.d	13	LB 460-22414/1-D	460-22637	<	250	2	1	1.0	jTCLP	-	pH Told high
11/17/09 1554	z5931.d	14	460-7685-B-1-A	460-22250	11/10/09	980	2	5	1.0	all-h2	-	G non-target
11/17/09 1618	z5932.d	15	460-7685-A-2-A	460-22250	11/10/09	970	2	5	1.0	all-h2	-	G non-target
11/17/09 1643	z5933.d	16	460-7904-B-3-A	460-22553	11/13/09	970	1	2	1.0	all-h2	-	G
11/17/09 1707	z5934.d	17	460-7904-A-4-A	460-22553	11/13/09	980	1	2	1.0	all-h2	-	G
11/17/09 1731	z5935.d	18	460-7708-A-6-B	460-22552	11/13/09	200	1	10	1.0	all-h2	-	G surr diluted out
11/17/09 1755	z5936.d	19	460-7947-B-7-A	460-22681	11/15/09	15.1	1	1	1.0	all-so	-	G
11/17/09 1820	z5937.d	20	460-7895-D-1-G	460-22681	11/15/09	15	1	1	1.0	all-so	-	G
11/17/09 1843	z5938.d	21	460-7895-D-2-C	460-22681	11/15/09	15.0	1	1	1.0	all-so	-	G
11/17/09 1908	z5939.d	22	460-7897-B-2-C	460-22681	11/15/09	15.0	1	1	1.0	all-so	-	G
11/17/09 1932	z5940.d	23	460-7913-A-2-B	460-22681	11/15/09	15.0	1	1	1.0	all-so	-	G
11/17/09 1956	z5941.d	24	460-7913-A-1-B	460-22681	11/15/09	15	1	1	1.0	all-so	-	G
11/17/09 2021	z5942.d	25	460-7862-A-7-D	460-22681	11/15/09	15.0	1	1	1.0	all-so	-	G
11/17/09 2045	z5943.d	26	460-7862-A-6-D	460-22681	11/15/09	15	1	1	1.0	all-so	-	G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/11-16-09/17nov09.b

Date Generated: 11/18/2009

Page 3

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
11/17/09 2109	z5944.d	27	460-7670-F-8-E MS	460-22681	11/15/09	15	1	1	1.0	all-so	-	PA Spike RT ok
11/17/09 2133	z5945.d	28	460-7670-F-8-F MSD	460-22681	11/15/09	15	1	1	1.0	all-so	-	E
11/17/09 2158	z5946.d	29	460-7897-A-1-C	460-22681	11/15/09	15.0	1	1	1.0	all-so	-	O
11/17/09 2222	z5947.d	30	blk	17nov09	-	15	1	1	1.0	all	-	-

Signed: Michael Rivera Read and Understood by: [signature]

Date: 11/18/09 Date: 11-17-09

11/30/2009

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Organic Prep Worksheet

Batch Number: 460-22553
Method: 3510C
Analyst: Chen, Mandi

Date Open: Nov 13 2009 8:50AM
Batch End: Nov 13 2009 3:00PM

Lab ID	Client ID	Method Chain	Basis	pH of the sample at receipt	Initial weight/volume of sample	Final weight/volume of sample	pH of the sample after first adjustment	pH of the sample after the second adjust	OP625/82SP_00010
MB~460-22553/1				7	1000 mL	1 mL	<2	>12	
LCS~460-22553/2		3510C, 8270C		7	1000 mL	1 mL	<2	>12	500 uL
460-7904-A-2~MS	GW-017338-111209-ACH-02	3510C, 8270C	T	7	900 mL	1 mL	<2	>12	500 uL
460-7904-A-2~MSD	GW-017338-111209-ACH-02	3510C, 8270C	T	7	900 mL	1 mL	<2	>12	500 uL
460-7904-B-2	GW-017338-111209-ACH-02	3510C, 8270C	T	7	900 mL	1 mL	<2	>12	
460-7904-B-1	EB-017338-111209-ACH-01	3510C, 8270C	T	7	980 mL	1 mL	<2	>12	
460-7904-B-3	GW-017338-111209-ACH-03	3510C, 8270C	T	7	970 mL	1 mL	<2	>12	
460-7904-A-4	GW-017338-111209-ACH-04	3510C, 8270C	T	7	980 mL	1 mL	<2	>12	
460-7904-B-5	GW-017338-111209-ACH-05	3510C, 8270C	T	7	990 mL	1 mL	<2	>12	

Organic Prep Worksheet

Batch Number: 460-22553
Method: 3510C
Analyst: Chen, Mandi

Date Open: Nov 13 2009 8:50AM
Batch End: Nov 13 2009 3:00PM

Lab ID	Client ID	Method Chain	Basis	OP625/82SU_00007
MB~460-22553/1				500 uL
LCS~460-22553/2		3510C, 8270C		500 uL
460-7904-A-2~MS	GW-017338-111209-ACH-02	3510C, 8270C	T	500 uL
460-7904-A-2~MSD	GW-017338-111209-ACH-02	3510C, 8270C	T	500 uL
460-7904-B-2	GW-017338-111209-ACH-02	3510C, 8270C	T	500 uL
460-7904-B-1	EB-017338-111209-ACH-01	3510C, 8270C	T	500 uL
460-7904-B-3	GW-017338-111209-ACH-03	3510C, 8270C	T	500 uL
460-7904-A-4	GW-017338-111209-ACH-04	3510C, 8270C	T	500 uL
460-7904-B-5	GW-017338-111209-ACH-05	3510C, 8270C	T	500 uL

Person's name who did the prep:	MC
Prep Solvent Name:	MeCL2
Prep Solvent Lot #:	H40E31
Prep Solvent Volume Used:	180 mL
Person's name who witnessed reagent drop:	JCR
Acid used for pH adjustment:	H2SO4
Acid used for pH adjust Lot #:	G35029
Base used for pH adjustment:	NaOH
Base used for pH adjust Lot #:	OP075
Person's name who did the concentration:	MC
Concentration Start Time:	11:00AM
Concentration End Time:	13:00PM
Na2SO4 Lot Number:	H12597
Oven, Bath or Block Temperature 1:	100

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-7904-1

SDG No.:

Project: GM Wilmington

Client Sample ID	Lab Sample ID
EB-017338-111209-ACH-01	460-7904-1
GW-017338-111209-ACH-02	460-7904-2
GW-017338-111209-ACH-03	460-7904-3
GW-017338-111209-ACH-04	460-7904-4
GW-017338-111209-ACH-05	460-7904-5

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EB-017338-111209-ACH-01 Lab Sample ID: 460-7904-1

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG ID.:

Matrix: Water Date Sampled: 11/12/2009 09:30

Reporting Basis: WET Date Received: 11/12/2009 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	200	200	87.0	ug/L	U		1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	200	200	3.2	ug/L	U		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	308	5000	72.2	ug/L	J		1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	150	150	40.2	ug/L	U		1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	170	5000	56.9	ug/L	J		1	6010B
7439-96-5	Manganese	15.0	15.0	2.5	ug/L	U		1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	5000	5000	209	ug/L	U		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	409	5000	341	ug/L	J		1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	50.0	50.0	2.0	ug/L	U		1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-111209-ACH-02 Lab Sample ID: 460-7904-2

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG ID.:

Matrix: Water Date Sampled: 11/12/2009 10:40

Reporting Basis: WET Date Received: 11/12/2009 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	6460	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	283	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	53900	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	9.8	10.0	3.2	ug/L	J		1	6010B
7440-48-4	Cobalt	4.3	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	22.4	25.0	3.6	ug/L	J		1	6010B
7439-89-6	Iron	23100	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	26500	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	386	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	5.7	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	8960	5000	209	ug/L			1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	1.1	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	146000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	10.1	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	19.4	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.36	0.20	0.18	ug/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-111209-ACH-03 Lab Sample ID: 460-7904-3

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG ID.:

Matrix: Water Date Sampled: 11/12/2009 11:50

Reporting Basis: WET Date Received: 11/12/2009 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	2530	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	3.9	5.0	3.8	ug/L	J		1	6010B
7440-39-3	Barium	613	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	60100	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	21.8	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	85100	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	40800	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	1980	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	4020	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	109000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	3.0	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-111209-ACH-04 Lab Sample ID: 460-7904-4

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG ID.:

Matrix: Water Date Sampled: 11/12/2009 12:00

Reporting Basis: WET Date Received: 11/12/2009 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	2410	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	4.4	5.0	3.8	ug/L	J		1	6010B
7440-39-3	Barium	618	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	60100	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	21.4	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	85100	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	40800	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	1980	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	4110	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	109000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	3.1	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-111209-ACH-05 Lab Sample ID: 460-7904-5

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG ID.:

Matrix: Water Date Sampled: 11/12/2009 13:10

Reporting Basis: WET Date Received: 11/12/2009 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	2250	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	198	200	3.2	ug/L	J		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	40500	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	5240	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	11500	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	390	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	4640	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	1.3	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	73800	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	4.9	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

ICV Source: ME_CCV_T2_00013 Concentration Units: ug/L

CCV Source: ME_CCV_T2_00013

Analyte	ICV 460-22860/6 11/17/2009 00:05				CCV 460-22860/18 11/17/2009 01:20				CCV 460-22860/30 11/17/2009 02:36			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	1280		1250	102	1280		1250	102	1300		1250	104
Al	128900		125000	103	129300		125000	103	130800		125000	105
As	5110		5000	102	5110		5000	102	5190		5000	104
Ba	10300		10000	103	10240		10000	102	10380		10000	104
Be	1020		1000	102	1030		1000	103	1040		1000	104
Ca	128100		125000	102	128400		125000	103	130200		125000	104
Cd	2550		2500	102	2560		2500	102	2590		2500	104
Co	2560		2500	102	2570		2500	103	2610		2500	104
Cr	5130		5000	103	5160		5000	103	5220		5000	104
Cu	12850		12500	103	12880		12500	103	12990		12500	104
Fe	102500		100000	102	102600		100000	103	103800		100000	104
K	51300		50000	103	51260		50000	103	51750		50000	104
Mg	128700		125000	103	128900		125000	103	130500		125000	104
Mn	5120		5000	102	5150		5000	103	5220		5000	104
Na	128000		125000	102	128400		125000	103	129300		125000	103
Ni	2560		2500	102	2570		2500	103	2600		2500	104
Pb	10170		10000	102	10200		10000	102	10340		10000	103
Sb	1030		1000	103	1030		1000	103	1040		1000	104
Se	5110		5000	102	5090		5000	102	5170		5000	103
Tl	5120		5000	102	5130		5000	103	5180		5000	104
V	2560		2500	103	2590		2500	104	2620		2500	105
Zn	2540		2500	102	2550		2500	102	2590		2500	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

ICV Source: ME_CCV_T2_00013 Concentration Units: ug/L

CCV Source: ME_CCV_T2_00013

Analyte	CCV 460-22860/42 11/17/2009 03:51											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	1240		1250	99								
Al	125600		125000	100								
As	5000		5000	100								
Ba	9940		10000	99								
Be	998		1000	100								
Ca	125100		125000	100								
Cd	2490		2500	100								
Co	2510		2500	100								
Cr	5010		5000	100								
Cu	12480		12500	100								
Fe	99640		100000	100								
K	49580		50000	99								
Mg	125000		125000	100								
Mn	5020		5000	100								
Na	124700		125000	100								
Ni	2500		2500	100								
Pb	9950		10000	99								
Sb	999		1000	100								
Se	4980		5000	100								
Tl	4990		5000	100								
V	2510		2500	101								
Zn	2500		2500	100								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

ICV Source: ME_DCAL-IN_00163 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00163

Analyte	ICV 460-23168/23-A 11/19/2009 14:50				CCV 460-23168/25-A 11/19/2009 15:12				CCV 460-23168/25-A 11/19/2009 15:32			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	5.18		5.00	104	5.26		5.00	105	5.16		5.00	103

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

ICV Source: ME_DCAL-IN_00163 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00163

Analyte	CCV 460-23168/25-A 11/19/2009 15:50				CCV 460-23168/25-A 11/19/2009 16:10							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	5.21		5.00	104	5.19		5.00	104				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-22860/7 11/17/2009 00:11		CCB 460-22860/19 11/17/2009 01:27		CCB 460-22860/31 11/17/2009 02:42		CCB 460-22860/43 11/17/2009 03:57	
		Found	C	Found	C	Found	C	Found	C
Ag	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Al	200	200	U	200	U	200	U	200	U
As	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Ba	200	200	U	200	U	200	U	200	U
Be	2.0	2.0	U	2.0	U	2.0	U	2.0	U
Ca	5000	5000	U	5000	U	5000	U	5000	U
Cd	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Co	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Cr	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Cu	25.0	25.0	U	25.0	U	25.0	U	25.0	U
Fe	150	150	U	150	U	150	U	150	U
K	5000	5000	U	5000	U	5000	U	5000	U
Mg	5000	5000	U	5000	U	5000	U	5000	U
Mn	15.0	15.0	U	15.0	U	15.0	U	15.0	U
Na	5000	5000	U	5000	U	5000	U	5000	U
Ni	40.0	40.0	U	40.0	U	40.0	U	40.0	U
Pb	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Sb	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Se	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Tl	10.0	10.0	U	10.0	U	10.0	U	10.0	U
V	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Zn	30.0	30.0	U	30.0	U	30.0	U	30.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-23225/8 11/19/2009 14:51		CCB 460-23225/20 11/19/2009 15:14		CCB 460-23225/30 11/19/2009 15:34		CCB 460-23225/40 11/19/2009 15:52	
		Found	C	Found	C	Found	C	Found	C
Hg	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-23225/51 11/19/2009 16:12							
		Found	C	Found	C	Found	C	Found	C
Hg	0.20	0.20	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-22715/1-A

Instrument Code: ICP2 Batch No.: 22860

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	200	U		6010B
7440-36-0	Antimony	10.0	U		6010B
7440-38-2	Arsenic	5.0	U		6010B
7440-39-3	Barium	200	U		6010B
7440-41-7	Beryllium	2.0	U		6010B
7440-43-9	Cadmium	5.0	U		6010B
7440-70-2	Calcium	5000	U		6010B
7440-47-3	Chromium	10.0	U		6010B
7440-48-4	Cobalt	50.0	U		6010B
7440-50-8	Copper	25.0	U		6010B
7439-89-6	Iron	150	U		6010B
7439-92-1	Lead	5.0	U		6010B
7439-95-4	Magnesium	5000	U		6010B
7439-96-5	Manganese	15.0	U		6010B
7440-02-0	Nickel	40.0	U		6010B
7440-09-7	Potassium	5000	U		6010B
7782-49-2	Selenium	10.0	U		6010B
7440-22-4	Silver	10.0	U		6010B
7440-23-5	Sodium	5000	U		6010B
7440-28-0	Thallium	10.0	U		6010B
7440-62-2	Vanadium	50.0	U		6010B
7440-66-6	Zinc	30.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-23174/1-A

Instrument Code: LEEMAN3 Batch No.: 23225

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.20	U		7470A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab Sample ID: ICSA 460-22860/8 Instrument ID: ICP2

Lab File ID: 22613V1 ICS Source: ME_T2_ICSA_00008

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Found Percent Recovery
Ag		**-0.861**	
Al	**500000**	**481138**	**96**
As		**-0.739**	
Ba		**0.288**	
Be		**-0.192**	
Ca	**500000**	**469018**	**94**
Cd		**-2.66**	
Co		**1.08**	
Cr		**-0.708**	
Cu		**5.44**	
Fe	**200000**	**200065**	**100**
K		**-165**	
Mg	**500000**	**528579**	**106**
Mn		**-3.40**	
Na		**-654**	
Ni		**-2.77**	
Pb		**0.992**	
Sb		**-1.18**	
Se		**-9.99**	
Tl		**-0.531**	
V		**2.79**	
Zn		**0.305**	
B		*-2.00*	
Mo		*-0.780*	
Sn		*-3.33*	
Ti		*-5.28*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab Sample ID: ICSAB 460-22860/9 Instrument ID: ICP2

Lab File ID: 22613V1 ICS Source: ME_T2_ICAB_00009

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**100**	**104**	**104**
Al	**500000**	**485383**	**97**
As	**100**	**104**	**104**
Ba	**100**	**109**	**109**
Be	**100**	**99.9**	**100**
Ca	**500000**	**473369**	**95**
Cd	**100**	**96.9**	**97**
Co	**100**	**101**	**101**
Cr	**100**	**100**	**100**
Cu	**100**	**112**	**112**
Fe	**200000**	**202598**	**101**
K	**10000**	**11279**	**113**
Mg	**500000**	**533171**	**107**
Mn	**100**	**97.6**	**98**
Na	**10000**	**11187**	**112**
Ni	**100**	**96.7**	**97**
Pb	**100**	**104**	**104**
Sb	**100**	**102**	**102**
Se	**100**	**92.4**	**92**
Tl	**100**	**94.8**	**95**
V	**100**	**104**	**104**
Zn	**100**	**102**	**102**
B	*100*	*101*	*101*
Mo	*100*	*98.5*	*99*
Sn	*100*	*97.3*	*97*
Ti	*100*	*98.9*	*99*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab Sample ID: ICSA 460-22860/40 Instrument ID: ICP2

Lab File ID: 22613V1 ICS Source: ME_T2_ICSA_00008

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**-1.13**	
Al	**500000**	**488166**	**98**
As		**0.689**	
Ba		**-0.141**	
Be		**-0.297**	
Ca	**500000**	**478332**	**96**
Cd		**-2.76**	
Co		**2.31**	
Cr		**-0.0174**	
Cu		**4.37**	
Fe	**200000**	**203535**	**102**
K		**-144**	
Mg	**500000**	**536327**	**107**
Mn		**-3.51**	
Na		**-699**	
Ni		**-1.93**	
Pb		**2.39**	
Sb		**-2.32**	
Se		**-7.65**	
Tl		**-1.16**	
V		**2.97**	
Zn		**0.331**	
B		*-2.59*	
Mo		*-0.149*	
Sn		*-2.94*	
Ti		*-5.71*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Lab Sample ID: ICSAB 460-22860/41 Instrument ID: ICP2

Lab File ID: 22613V1 ICS Source: ME_T2_ICAB_00009

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**100**	**104**	**104**
Al	**500000**	**484943**	**97**
As	**100**	**102**	**102**
Ba	**100**	**107**	**107**
Be	**100**	**99.5**	**100**
Ca	**500000**	**473385**	**95**
Cd	**100**	**97.1**	**97**
Co	**100**	**101**	**101**
Cr	**100**	**99.8**	**100**
Cu	**100**	**110**	**110**
Fe	**200000**	**201117**	**101**
K	**10000**	**11117**	**111**
Mg	**500000**	**529933**	**106**
Mn	**100**	**97.9**	**98**
Na	**10000**	**11023**	**110**
Ni	**100**	**96.7**	**97**
Pb	**100**	**101**	**101**
Sb	**100**	**97.5**	**97**
Se	**100**	**91.1**	**91**
Tl	**100**	**93.2**	**93**
V	**100**	**104**	**104**
Zn	**100**	**102**	**102**
B	*100*	*99.4*	*99*
Mo	*100*	*99.3*	*99*
Sn	*100*	*94.3*	*94*
Ti	*100*	*98.6*	*99*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: GW-017338-111209-ACH-02 MS Lab ID: 460-7904-2 MS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Matrix: Water Concentration Units: ug/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	11660		6460		2000	260	75-125	F	6010B
Antimony	501		10.0	U	500	100	75-125		6010B
Arsenic	2020		5.0	U	2000	101	75-125		6010B
Barium	2360		283		2000	104	75-125		6010B
Beryllium	51.0		2.0	U	50.0	102	75-125		6010B
Cadmium	50.4		5.0	U	50.0	101	75-125		6010B
Calcium	75500		53900		20000	108	75-125		6010B
Chromium	215		9.8	J	200	103	75-125		6010B
Cobalt	511		4.3	J	500	101	75-125		6010B
Copper	278		22.4	J	250	102	75-125		6010B
Iron	24590		23100		1000	147	75-125	4	6010B
Lead	507		5.0	U	500	101	75-125		6010B
Magnesium	47450		26500		20000	105	75-125		6010B
Manganese	910		386		500	105	75-125		6010B
Nickel	514		5.7	J	500	102	75-125		6010B
Potassium	29690		8960		20000	104	75-125		6010B
Selenium	2000		10.0	U	2000	100	75-125		6010B
Silver	49.8		1.1	J	50.0	98	75-125		6010B
Sodium	170200		146000		20000	118	75-125	4	6010B
Thallium	2000		10.0	U	2000	100	75-125		6010B
Vanadium	519		10.1	J	500	102	75-125		6010B
Zinc	549		19.4	J	500	106	75-125		6010B
Mercury	1.61		0.36		1.00	125	75-125		7470A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

6-IN
DUPLICATES
METALS

Client ID: GW-017338-111209-ACH-02 DU Lab ID: 460-7904-2 DU

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	200	6460		6940		7		6010B
Antimony	10.0	10.0	U	10.0	U	NC		6010B
Arsenic	5.0	5.0	U	4.98	J	NC		6010B
Barium	200	283		293		3		6010B
Beryllium	2.0	2.0	U	2.0	U	NC		6010B
Cadmium	5.0	5.0	U	5.0	U	NC		6010B
Calcium	5000	53900		55900		4		6010B
Chromium	10.0	9.8	J	10.6		8		6010B
Cobalt	50.0	4.3	J	5.15	J	18		6010B
Copper	25.0	22.4	J	21.1	J	6		6010B
Iron	150	23100		23920		3		6010B
Lead	5.0	5.0	U	5.0	U	NC		6010B
Magnesium	5000	26500		27170		2		6010B
Manganese	15.0	386		396		3		6010B
Nickel	40.0	5.7	J	7.15	J	22		6010B
Potassium	5000	8960		9210		3		6010B
Selenium	10.0	10.0	U	10.0	U	NC		6010B
Silver	10.0	1.1	J	1.09	J	4		6010B
Sodium	5000	146000		148600		1		6010B
Thallium	10.0	10.0	U	10.0	U	NC		6010B
Vanadium	50.0	10.1	J	10.7	J	5		6010B
Zinc	30.0	19.4	J	21.8	J	12		6010B
Mercury	0.20	0.36		0.362		1		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-22715/2-A

Lab Name: TestAmerica Edison Job No.: 460-7904-1

Sample Matrix: Water LCS Source: ME_LCS-int_00015

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	2000	2130		106	80	120		6010B
Antimony	500	526		105	80	120		6010B
Arsenic	2000	2110		105	80	120		6010B
Barium	2000	2150		107	80	120		6010B
Beryllium	50.0	53.1		106	80	120		6010B
Cadmium	50.0	53.5		107	80	120		6010B
Calcium	20000	21700		109	80	120		6010B
Chromium	200	215		108	80	120		6010B
Cobalt	500	531		106	80	120		6010B
Copper	250	261		104	80	120		6010B
Iron	1000	1080		108	80	120		6010B
Lead	500	533		107	80	120		6010B
Magnesium	20000	20630		103	80	120		6010B
Manganese	500	539		108	80	120		6010B
Nickel	500	533		107	80	120		6010B
Potassium	20000	20470		102	80	120		6010B
Selenium	2000	2090		104	80	120		6010B
Silver	50.0	50.9		102	80	120		6010B
Sodium	20000	21670		108	80	120		6010B
Thallium	2000	2100		105	80	120		6010B
Vanadium	500	534		107	80	120		6010B
Zinc	500	563		113	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-23174/2-A

Lab Name: TestAmerica Edison Job No.: 460-7904-1

Sample Matrix: Water LCS Source: ME_DCAL-IN_00163

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	1.00	1.04		104	80	120		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-7904-2

SDG No:

Lab Name: TestAmerica Edison Job No: 460-7904-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	6460		6610		2.3		6010B
Antimony	10.0	U	50.0	U	NC		6010B
Arsenic	5.0	U	25.0	U	NC		6010B
Barium	283		284	J	0.28		6010B
Beryllium	2.0	U	10.0	U	NC		6010B
Cadmium	5.0	U	25.0	U	NC		6010B
Calcium	53900		56190		4.2		6010B
Chromium	9.8	J	50.0	U	NC		6010B
Cobalt	4.3	J	250	U	NC		6010B
Copper	22.4	J	20.5	J	NC		6010B
Iron	23100		23850		3.1		6010B
Lead	5.0	U	25.0	U	NC		6010B
Magnesium	26500		26970		1.7		6010B
Manganese	386		393		1.9		6010B
Nickel	5.7	J	200	U	NC		6010B
Potassium	8960		8100	J	NC		6010B
Selenium	10.0	U	50.0	U	NC		6010B
Silver	1.1	J	50.0	U	NC		6010B
Sodium	146000		154400		5.4		6010B
Thallium	10.0	U	50.0	U	NC		6010B
Vanadium	10.1	J	250	U	NC		6010B
Zinc	19.4	J	150	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-7904-2

SDG No:

Lab Name: TestAmerica Edison Job No: 460-7904-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Mercury	0.36		0.20	U	NC		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-7904-1

SDG Number:

Matrix: Water Instrument ID: ICP2

Analysis Method: 6010B MDL Date: 12/30/2008 09:37

Prep Method: 3010A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Aluminum	308.0	200	86.956
Antimony	206.8	10	4.6
Arsenic	189.0	5	3.831
Barium	483.4	200	3.212
Beryllium	313.0	2	0.942
Cadmium	226.5	5	0.918
Calcium	317.9	5000	72.229
Chromium	267.7	10	3.201
Cobalt	228.6	50	2.767
Copper	324.7	25	3.648
Iron	271.4	150	40.158
Lead	220.6	5	2.787
Magnesium	279.0	5000	56.863
Manganese	257.0	15	2.515
Nickel	231.6	40	3.509
Potassium	766.4	5000	208.667
Selenium	196.0	10	4.752
Silver	328.0	10	0.969
Sodium	330.2	5000	341.097
Thallium	190.8	10	4.643
Vanadium	292.4	50	1.978
Zinc	206.2	30	5.798

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-7904-1

SDG Number:

Matrix: Water Instrument ID: LEEMAN3

Analysis Method: 7470A MDL Date: 12/30/2008 14:28

Prep Method: 7470A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.185

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Edison Job Number: 460-7904-1

SDG No.:

ICP-AES Instrument ID: ICP2 Date: 01/01/2009

Analyte	Wave Length	Al	B	Ba	Ca	Co	Cr	Fe	K	Mg	Mn	Mo	Ni	Ti	Tl
Aluminum	308.22														
Antimony	206.84														
Arsenic	189.04		0.0001740				0.0001040					0.0004160		0.0001080	0.0001080
Barium	493.40														
Beryllium	313.04													-0.0000510	-0.0000510
Bismuth															
Boron															
Cadmium	226.50							0.0000690							
Calcium	317.93														
Chromium	267.72	0.000020													
Cobalt	228.62											-0.001360		0.0020970	0.0020970
Copper	324.75							0.000005							
Gold			0.0001740				0.0001040					0.0004160		0.0001080	0.0001080
Iron	271.44	0.0000450				0.0871100	0.0022660					0.017630		0.011300	0.011300
Lanthanum															
Lead	220.35	0.0000063			-0.0000043	0.0001306		0.0000635		0.0000083	0.0001164	-0.0007679	0.0002070	-0.0003367	-0.0003367
Lithium															
Lutetium															
Magnesium	383.20														
Manganese	257.61									0.000026					
Molybdenum															
Nickel	231.60					-0.000690									
Palladium															
Phosphorus															
Potassium	766.49														
Selenium	196.03			-0.0000499	0.0000029	-0.0001052		-0.0001964	-0.0000132		0.0004928	0.0000802			
Silicon															
Silver	328.07	0	0	0	0			0.000005			0.0002370				
Sodium	330.22	0.0003150			0.0002630			0.0005540		0.000294				-0.0612380	-0.0612380
Strontium															

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Edison Job Number: 460-7904-1

SDG No.:

ICP-AES Instrument ID: ICP2 Date: 01/01/2009

Analyte	Wave Length	Al	B	Ba	Ca	Co	Cr	Fe	K	Mg	Mn	Mo	Ni	Ti	Tl
Sulfur															
Thallium	190.86	-0.0000100			-0.000040	0.0048490	0.0004180	-0.000058			0.0011140	-0.0037500		0.0008000	
Thorium															
Tin															
Titanium															
Tungsten															
Uranium															
Vanadium	292.40						-0.002000							0.0009000	
Yttrium															
Zinc	206.20						-0.0269000								
Zirconium															

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Edison Job Number: 460-7904-1

SDG No.:

ICP-AES Instrument ID: ICP2 Date: 01/01/2009

Analyte	Wave Length	V	Zn												
Aluminum	308.22	0.0264690													
Antimony	206.84														
Arsenic	189.04														
Barium	493.40														
Beryllium	313.04	-0.0003240													
Bismuth															
Boron															
Cadmium	226.50														
Calcium	317.93														
Chromium	267.72	-0.0001650													
Cobalt	228.62														
Copper	324.75														
Gold															
Iron	271.44	0.0090183													
Lanthanum															
Lead	220.35	-0.0001350													
Lithium															
Lutetium															
Magnesium	383.20														
Manganese	257.61														
Molybdenum															
Nickel	231.60														
Palladium															
Phosphorus															
Potassium	766.49														
Selenium	196.03	0.0006768													
Silicon															
Silver	328.07														
Sodium	330.22		0.057494												
Strontium															

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Edison Job Number: 460-7904-1

SDG No.:

ICP-AES Instrument ID: ICP2 Date: 01/01/2009

Analyte	Wave Length	V	Zn												
Sulfur															
Thallium	190.86	0.0021770													
Thorium															
Tin															
Titanium															
Tungsten															
Uranium															
Vanadium	292.40														
Yttrium															
Zinc	206.20														
Zirconium															

11-IN
ICP-AES AND ICP-MS LINEAR RANGES
METALS

Lab Name: TestAmerica Edison Job No: 460-7904-1

SDG No.:

Instrument ID: ICP2 Date: 01/06/2009 11:12

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Aluminum		500000	6010B
Antimony		2000	6010B
Arsenic		10000	6010B
Barium		20000	6010B
Beryllium		2000	6010B
Cadmium		5000	6010B
Calcium		500000	6010B
Chromium		10000	6010B
Cobalt		5000	6010B
Copper		25000	6010B
Iron		200000	6010B
Lead		20000	6010B
Magnesium		500000	6010B
Manganese		10000	6010B
Nickel		5000	6010B
Potassium		100000	6010B
Selenium		10000	6010B
Silver		2500	6010B
Sodium		500000	6010B
Thallium		10000	6010B
Vanadium		5000	6010B
Zinc		5000	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-22715/1-A	11/16/2009 09:14	22715		100	100
LCS 460-22715/2-A	11/16/2009 09:14	22715		100	100
460-7904-2	11/16/2009 09:14	22715		100	100
460-7904-2 DU	11/16/2009 09:14	22715		100	100
460-7904-2 MS	11/16/2009 09:14	22715		100	100
460-7904-1	11/16/2009 09:14	22715		100	100
460-7904-3	11/16/2009 09:14	22715		100	100
460-7904-4	11/16/2009 09:14	22715		100	100
460-7904-5	11/16/2009 09:14	22715		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Preparation Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-23174/1-A	11/19/2009 12:11	23174		30	30
LCS 460-23174/2-A	11/19/2009 12:11	23174		30	30
460-7904-2	11/19/2009 12:11	23174		30	30
460-7904-2 DU	11/19/2009 12:11	23174		30	30
460-7904-2 MS	11/19/2009 12:11	23174		30	30
460-7904-1	11/19/2009 12:11	23174		30	30
460-7904-3	11/19/2009 12:11	23174		30	30
460-7904-4	11/19/2009 12:11	23174		30	30
460-7904-5	11/19/2009 12:11	23174		30	30

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Instrument ID: ICP2 Method: 6010B

Start Date: 11/16/2009 23:34 End Date: 11/17/2009 03:57

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			23:34																				
ZZZZZZ			23:40																				
ZZZZZZ			23:46																				
ZZZZZZ			23:53																				
ZZZZZZ			23:59																				
ICV 460-22860/6	1		00:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-22860/7	1		00:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-22860/8	1		00:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-22860/9	1		00:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			00:30																				
ZZZZZZ			00:36																				
MB 460-22715/1-A	1	T	00:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 460-22715/2-A	1	T	00:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			00:55																				
ZZZZZZ			01:02																				
ZZZZZZ			01:08																				
ZZZZZZ			01:14																				
CCV 460-22860/18	1		01:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-22860/19	1		01:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-7904-2 DU	1	T	01:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-7904-2	1	T	01:39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-7904-2 SD	5	T	01:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-7904-2 MS	1	T	01:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			01:58																				
ZZZZZZ			02:04																				
ZZZZZZ			02:11																				
460-7904-1	1	T	02:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-7904-3	1	T	02:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-7904-4	1	T	02:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-22860/30	1		02:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-22860/31	1		02:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-7904-5	1	T	02:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			02:55																				
ZZZZZZ			03:01																				
ZZZZZZ			03:07																				
ZZZZZZ			03:13																				
ZZZZZZ			03:20																				
ZZZZZZ			03:26																				
ZZZZZZ			03:32																				
ICSA 460-22860/40	1		03:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-22860/41	1		03:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-22860/42	1		03:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Instrument ID: ICP2 Method: 6010B

Start Date: 11/16/2009 23:34 End Date: 11/17/2009 03:57

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCB 460-22860/43	1		03:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Instrument ID: ICP2 Method: 6010B

Start Date: 11/16/2009 23:34 End Date: 11/17/2009 03:57

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			23:34																				
ZZZZZZ			23:40																				
ZZZZZZ			23:46																				
ZZZZZZ			23:53																				
ZZZZZZ			23:59																				
ICV 460-22860/6	1		00:05	X	X																		
ICB 460-22860/7	1		00:11	X	X																		
ICSA 460-22860/8	1		00:18	X	X																		
ICSAB 460-22860/9	1		00:24	X	X																		
ZZZZZZ			00:30																				
ZZZZZZ			00:36																				
MB 460-22715/1-A	1	T	00:43	X	X																		
LCS 460-22715/2-A	1	T	00:49	X	X																		
ZZZZZZ			00:55																				
ZZZZZZ			01:02																				
ZZZZZZ			01:08																				
ZZZZZZ			01:14																				
CCV 460-22860/18	1		01:20	X	X																		
CCB 460-22860/19	1		01:27	X	X																		
460-7904-2 DU	1	T	01:33	X	X																		
460-7904-2	1	T	01:39	X	X																		
460-7904-2 SD	5	T	01:45	X	X																		
460-7904-2 MS	1	T	01:52	X	X																		
ZZZZZZ			01:58																				
ZZZZZZ			02:04																				
ZZZZZZ			02:11																				
460-7904-1	1	T	02:17	X	X																		
460-7904-3	1	T	02:23	X	X																		
460-7904-4	1	T	02:29	X	X																		
CCV 460-22860/30	1		02:36	X	X																		
CCB 460-22860/31	1		02:42	X	X																		
460-7904-5	1	T	02:48	X	X																		
ZZZZZZ			02:55																				
ZZZZZZ			03:01																				
ZZZZZZ			03:07																				
ZZZZZZ			03:13																				
ZZZZZZ			03:20																				
ZZZZZZ			03:26																				
ZZZZZZ			03:32																				
ICSA 460-22860/40	1		03:38	X	X																		
ICSAB 460-22860/41	1		03:45	X	X																		
CCV 460-22860/42	1		03:51	X	X																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Instrument ID: ICP2 Method: 6010B

Start Date: 11/16/2009 23:34 End Date: 11/17/2009 03:57

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
CCB 460-22860/43	1		03:57	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Instrument ID: LEEMAN3 Method: 7470A

Start Date: 11/19/2009 14:38 End Date: 11/19/2009 16:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
IC 460-23168/17-A			14:38	X																			
IC 460-23168/18-A			14:39	X																			
IC 460-23168/19-A			14:41	X																			
IC 460-23168/20-A			14:43	X																			
IC 460-23168/21-A			14:45	X																			
IC 460-23168/22-A			14:46	X																			
ICV 460-23168/23-A	1		14:50	X																			
ICB 460-23225/8	1		14:51	X																			
ZZZZZZ			14:53																				
ZZZZZZ			14:55																				
ZZZZZZ			14:57																				
ZZZZZZ			14:59																				
ZZZZZZ			15:01																				
ZZZZZZ			15:03																				
ZZZZZZ			15:04																				
ZZZZZZ			15:06																				
ZZZZZZ			15:08																				
ZZZZZZ			15:10																				
CCV 460-23168/25-A	1		15:12	X																			
CCB 460-23225/20	1		15:14	X																			
MB 460-23174/1-A	1	T	15:16	X																			
LCS 460-23174/2-A	1	T	15:18	X																			
460-7904-2	1	T	15:21	X																			
460-7904-2 DU	1	T	15:23	X																			
460-7904-2 MS	1	T	15:24	X																			
ZZZZZZ			15:26																				
ZZZZZZ			15:28																				
ZZZZZZ			15:30																				
CCV 460-23168/25-A	1		15:32	X																			
CCB 460-23225/30	1		15:34	X																			
ZZZZZZ			15:36																				
ZZZZZZ			15:37																				
460-7904-1	1	T	15:39	X																			
460-7904-3	1	T	15:41	X																			
460-7904-4	1	T	15:43	X																			
460-7904-5	1	T	15:45	X																			
ZZZZZZ			15:47																				
ZZZZZZ			15:49																				
CCV 460-23168/25-A	1		15:50	X																			
CCB 460-23225/40	1		15:52	X																			
ZZZZZZ			15:54																				
ZZZZZZ			15:56																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-7904-1

SDG No.:

Instrument ID: LEEMAN3 Method: 7470A

Start Date: 11/19/2009 14:38 End Date: 11/19/2009 16:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			15:58																				
ZZZZZZ			16:00																				
ZZZZZZ			16:02																				
ZZZZZZ			16:04																				
ZZZZZZ			16:05																				
ZZZZZZ			16:07																				
460-7904-2 SD	1	T	16:09	X																			
CCV 460-23168/25-A	1		16:10	X																			
CCB 460-23225/51	1		16:12	X																			

Prep Types

T = Total/NA

BATCH#:22715V1: METHOD:6010B

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV 263390	22613V1	SW846	11/17/09	00:05		S	CONC
2	ICB	22613V1	SW846	11/17/09	00:11		S	CONC
3	ICSA 263392	22613V1	SW846	11/17/09	00:18		S	CONC
4	ICSAB 263394	22613V1	SW846	11/17/09	00:24		S	CONC
5	INT-20	22613V1	SW846	11/17/09	00:30		S	CONC
6	REPLIM	22613V1	SW846	11/17/09	00:36		S	CONC
7	MB 460-22715/1-A	22613V1	SW846	11/17/09	00:43		S	CONC
8	LCS 460-22715/2-A	22613V1	SW846	11/17/09	00:49		S	CONC
9	460-7908-B-3-A DU	22613V1	SW846	11/17/09	00:55		S	CONC
10	460-7908-F-3-B	22613V1	SW846	11/17/09	01:02		S	CONC
11	SD 460-7908-F-3-B@5	22613V1	SW846	11/17/09	01:08		S	CONC
12	460-7908-F-3-C MS	22613V1	SW846	11/17/09	01:14		S	CONC
13	CCV 263390	22613V1	SW846	11/17/09	01:20		S	CONC
14	CCB	22613V1	SW846	11/17/09	01:27		S	CONC
15	460-7904-A-2-C DU	22613V1	SW846	11/17/09	01:33		S	CONC
16	460-7904-C-2-A	22613V1	SW846	11/17/09	01:39		S	CONC
17	SD 460-7904-C-2-A@5	22613V1	SW846	11/17/09	01:45		S	CONC
18	460-7904-C-2-B MS	22613V1	SW846	11/17/09	01:52		S	CONC
19	460-7900-A-14-A	22613V1	SW846	11/17/09	01:58		S	CONC
20	460-7844-E-5-A	22613V1	SW846	11/17/09	02:04		S	CONC
21	460-7844-E-6-A	22613V1	SW846	11/17/09	02:11		S	CONC
22	460-7904-C-1-A	22613V1	SW846	11/17/09	02:17		S	CONC
23	460-7904-C-3-A	22613V1	SW846	11/17/09	02:23		S	CONC
24	460-7904-C-4-A	22613V1	SW846	11/17/09	02:29		S	CONC
25	CCV 263390	22613V1	SW846	11/17/09	02:36		S	CONC
26	CCB	22613V1	SW846	11/17/09	02:42		S	CONC
27	460-7904-C-5-A	22613V1	SW846	11/17/09	02:48		S	CONC
28	460-7906-A-1-A	22613V1	SW846	11/17/09	02:55		S	CONC
29	460-7906-A-10-A	22613V1	SW846	11/17/09	03:01		S	CONC
30	460-7906-A-11-A	22613V1	SW846	11/17/09	03:07		S	CONC
31	460-7906-A-2-A	22613V1	SW846	11/17/09	03:13		S	CONC
32	460-7906-A-3-A	22613V1	SW846	11/17/09	03:20		S	CONC
33	460-7906-A-4-A	22613V1	SW846	11/17/09	03:26		S	CONC
34	460-7906-A-5-A	22613V1	SW846	11/17/09	03:32		S	CONC
35	ICSA 263392	22613V1	SW846	11/17/09	03:38		S	CONC
36	ICSAB 263394	22613V1	SW846	11/17/09	03:45		S	CONC
37	CCV 263390	22613V1	SW846	11/17/09	03:51		S	CONC
38	CCB	22613V1	SW846	11/17/09	03:57		S	CONC

#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
1	ICV 263390	128900.	1029.	5114.	10300.	1024.	2552.
2	ICB	7.621	-1.396	.3791	.7705	-.0405	.1052
3	ICSA 263392	481100.	-1.184	-.7389	.2880	-.1920	-2.661
4	ICSAB 263394	485400.	101.9	103.7	108.8	99.95	96.93
5	INT-20	85.63	-15.71	3.195	19310.	2.293	-.6251
6	REPLIM	192.3	8.826	5.325	203.8	1.877	3.701
7	MB 460-22715/1-A	9.179	-1.613	.4084	-1.175	-.1355	-.1695
8	LCS 460-22715/2-A	2128.	526.2	2110.	2145.	53.10	53.53
9	460-7908-B-3-A DU	238.9	-2.473	5.417	15.09	-.1238	-.4202
10	460-7908-F-3-B	284.1	.9561	7.258	16.71	-.1678	-.3556
11	SD 460-7908-F-3-B@5	36.87	-.9958	1.828	2.730	-.1309	-.2961
12	460-7908-F-3-C MS	2313.	515.7	2064.	2109.	51.63	51.51
13	CCV 263390	129300.	1026.	5107.	10240.	1025.	2559.
14	CCB	-8.422	-.6753	2.888	-.5665	-.0875	.0125
15	460-7904-A-2-C DU	6943.	-1.140	4.980	292.7	.4540	-.8095
16	460-7904-C-2-A	6458.	-.4018	2.455	282.9	.4730	-.9319
17	SD 460-7904-C-2-A@5	1321.	-2.458	-.5908	56.74	-.0066	-.3758
18	460-7904-C-2-B MS	11660.	501.1	2024.	2362.	51.00	50.39
19	460-7900-A-14-A	-11.68	-1.409	.8000	-1.175	-.1363	-.3341
20	460-7844-E-5-A	-14.21	-1.965	2.372	-1.175	-.1473	-.2846
21	460-7844-E-6-A	5.353	-.2178	.8193	-1.175	-.1657	-.3472
22	460-7904-C-1-A	-36.43	-2.394	1.656	2.425	-.0516	-.3918
23	460-7904-C-3-A	2535.	-3.972	3.911	613.1	-.0979	-1.805
24	460-7904-C-4-A	2406.	-3.191	4.441	617.9	-.1780	-1.839
25	CCV 263390	130800.	1040.	5189.	10380.	1039.	2589.
26	CCB	-27.23	.5407	1.377	-.1564	.0163	-.0672

27	460-7904-C-5-A	2253.	.9722	1.636	198.0	-.0444	-.4540
28	460-7906-A-1-A	-3.915	.3533	.2617	-1.175	-.1305	-.0922
29	460-7906-A-10-A	829.4	-.5732	1.817	119.1	-.1462	.0898
30	460-7906-A-11-A	-16.24	.1829	1.064	-1.175	-.1022	-.4193
31	460-7906-A-2-A	-14.81	-.9894	1.967	83.55	-.1469	-.1879
32	460-7906-A-3-A	-15.79	-1.362	4.090	89.42	-.1329	-.3917
33	460-7906-A-4-A	-13.29	-.9727	4.751	91.19	-.1223	-.3613
34	460-7906-A-5-A	-8.075	.5291	5.156	128.3	-.1205	-.4745
35	ICSA 263392	488200.	-2.319	.6886	-.1405	-.2971	-2.761
36	ICSAB 263394	484900.	97.46	102.2	106.9	99.53	97.14
37	CCV 263390	125600.	999.0	4997.	9942.	997.8	2493.
38	CCB	6.430	-1.380	1.366	.1896	-.0373	-.1362

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
1	ICV 263390	128100.	5126.	2560.	12850.	102500.	128700.
2	ICB	-9.809	.4201	.1257	.8420	-2.438	3.787
3	ICSA 263392	469000.	-.7080	1.077	5.440	200100.	528600.
4	ICSAB 263394	473400.	100.1	101.4	111.7	202600.	533200.
5	INT-20	119.0	20270.	20130.	-2.916	-107.3	51.82
6	REPLIM	5099.	11.22	50.59	23.68	137.7	4823.
7	MB 460-22715/1-A	24.02	-.0383	-.3601	-.8481	-7.363	-1.341
8	LCS 460-22715/2-A	21700.	215.3	530.8	260.6	1078.	20630.
9	460-7908-B-3-A DU	101700.	.1703	-.1389	.1472	798.0	18750.
10	460-7908-F-3-B	111100.	.8291	.3958	.0070	871.6	20520.
11	SD 460-7908-F-3-B@5	21950.	.0208	-.2408	-.6595	171.7	3935.

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
12	460-7908-F-3-C MS	122100.	209.9	513.9	259.0	1845.	39230.
13	CCV 263390	128400.	5158.	2568.	12880.	102600.	128900.
14	CCB	-17.48	-.1837	-.2831	.0823	2.620	5.931
15	460-7904-A-2-C DU	55900.	10.55	5.149	21.13	23920.	27170.
16	460-7904-C-2-A	53940.	9.754	4.309	22.45	23120.	26530.
17	SD 460-7904-C-2-A@5	11240.	1.407	.4744	4.108	4769.	5394.
18	460-7904-C-2-B MS	75500.	214.9	511.1	278.1	24590.	47450.
19	460-7900-A-14-A	-10.47	-.5440	-.9804	-.3108	-5.823	-5.343
20	460-7844-E-5-A	-3.846	-.0478	-1.011	-.8271	-10.77	-2.696
21	460-7844-E-6-A	37.87	-.1379	-.6311	-.8006	3.714	8.626
22	460-7904-C-1-A	307.6	.1045	-.3838	-.3485	1.653	170.2
23	460-7904-C-3-A	60130.	1.475	21.77	2.010	85100.	40780.
24	460-7904-C-4-A	60090.	1.438	21.43	1.161	85150.	40840.
25	CCV 263390	130200.	5216.	2606.	12990.	103800.	130500.
26	CCB	-12.20	-.2620	-.3189	.5631	-6.735	1.244
27	460-7904-C-5-A	40480.	2.890	1.940	1.044	5236.	11550.
28	460-7906-A-1-A	27.96	-.3233	-.5490	-.1262	8.122	-3.968
29	460-7906-A-10-A	151300.	37.93	-.3219	6.668	205.9	50.14
30	460-7906-A-11-A	9.224	.0382	-.5067	-.7580	-6.760	-5.648
31	460-7906-A-2-A	64570.	-.0680	-.8047	.8326	7.609	13690.
32	460-7906-A-3-A	59360.	-.2338	-.8617	-.0501	57.12	12700.
33	460-7906-A-4-A	60260.	-.1533	-1.016	.1934	85.38	12970.
34	460-7906-A-5-A	67030.	-.3734	-.6001	1.053	-9.788	14600.
35	ICSA 263392	478300.	-.0174	2.306	4.373	203500.	536300.
36	ICSAB 263394	473400.	99.78	100.8	110.1	201100.	529900.
37	CCV 263390	125100.	5008.	2507.	12480.	99640.	125000.
38	CCB	-1.022	-.1621	-.5155	.1286	2.659	6.386

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
1	ICV 263390	5119.	2559.	51300.	1278.	10170.	5105.
2	ICB	-.0307	.2933	-76.08	.1533	.2447	.2617
3	ICSA 263392	-3.403	-2.768	-165.1	-.8607	.9922	-9.989
4	ICSAB 263394	97.63	96.66	11280.	104.2	104.3	92.44
5	INT-20	19030.	2.868	-171.1	-2.008	-2.921	-4.826
6	REPLIM	16.02	38.66	4807.	9.657	4.316	4.695
7	MB 460-22715/1-A	-.2251	-1.172	-199.2	-.6051	-.2952	1.272
8	LCS 460-22715/2-A	539.1	533.3	20470.	50.88	532.6	2087.
9	460-7908-B-3-A DU	369.7	1.281	7780.	.0989	.0338	-2.451
10	460-7908-F-3-B	404.1	.7792	8519.	-.1707	.5504	.8521
11	SD 460-7908-F-3-B@5	77.64	-.3787	1470.	-.0225	.0163	-1.521
12	460-7908-F-3-C MS	896.9	516.4	27790.	50.24	514.9	2003.

13	CCV 263390	5151.	2565.	51260.	1281.	10200.	5086.
14	CCB	-.3182	-.3217	-197.2	.0379	-.3427	2.948
15	460-7904-A-2-C DU	396.5	7.151	9209.	1.095	2.598	-.1195
16	460-7904-C-2-A	385.7	5.741	8955.	1.056	1.471	-2.405
17	SD 460-7904-C-2-A@5	78.64	1.104	1620.	-.0830	-.3217	.7730
18	460-7904-C-2-B MS	910.3	514.2	29690.	49.84	507.4	1995.
19	460-7900-A-14-A	-.5356	-.9102	-185.9	-.0024	.5166	-.6135
20	460-7844-E-5-A	-.5373	-.6604	-187.7	-.1702	.3955	-3.013
21	460-7844-E-6-A	-.3998	-.8633	-180.9	-.0336	-.7198	-.5714
22	460-7904-C-1-A	-.4596	-.4732	-123.1	-.0343	.5531	-1.740
23	460-7904-C-3-A	1981.	2.363	4016.	.6614	-1.690	-.9044

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
24	460-7904-C-4-A	1981.	2.046	4109.	.1965	-1.681	-3.812
25	CCV 263390	5219.	2597.	51750.	1295.	10340.	5174.
26	CCB	-.0949	-.6004	-173.6	-.4004	.8936	-.1430
27	460-7904-C-5-A	389.9	1.657	4641.	1.307	-.1215	.1101
28	460-7906-A-1-A	-.4045	.1310	-227.9	-.1093	-.7390	-2.906
29	460-7906-A-10-A	11.10	2.021	8510.	-.3681	3.848	-.4117
30	460-7906-A-11-A	-.4515	-.4711	-214.1	-.1254	.1819	2.253
31	460-7906-A-2-A	5.351	-.0449	1627.	-.2016	1.310	-1.609
32	460-7906-A-3-A	21.14	-.5661	1721.	-.2554	.2480	.5009
33	460-7906-A-4-A	21.81	-.1798	1758.	-.0025	-.2271	-.9610
34	460-7906-A-5-A	57.84	-.3681	1706.	.0430	-.4435	-1.944
35	ICSA 263392	-3.512	-1.931	-143.5	-1.130	2.390	-7.646
36	ICSAB 263394	97.87	96.72	11120.	103.9	100.7	91.08
37	CCV 263390	5022.	2495.	49580.	1243.	9945.	4980.
38	CCB	-.1794	-.6482	-179.5	.1757	1.168	-.3725

#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
1	ICV 263390	128000.	5119.	2564.	2543.	1026.	2562.
2	ICB	-445.1	.8711	.3100	.2588	.1038	-.7835
3	ICSA 263392	-654.4	-.5313	2.794	.3050	-1.997	-.7802
4	ICSAB 263394	11190.	94.82	104.0	101.6	100.8	98.55
5	INT-20	-607.3	12.01	19690.	5030.	9594.	9841.
6	REPLIM	5348.	8.453	51.57	32.28	51.68	20.03
7	MB 460-22715/1-A	-508.3	-2.296	-.3048	.7722	4.009	-.9264
8	LCS 460-22715/2-A	21670.	2104.	533.5	562.9	515.4	534.8
9	460-7908-B-3-A DU	16020.	-2.137	.5716	7.564	250.4	.8791
10	460-7908-F-3-B	17700.	-2.909	1.196	8.109	272.5	.4946
11	SD 460-7908-F-3-B@5	3470.	-1.456	.0276	1.311	53.38	-.3194
12	460-7908-F-3-C MS	36610.	2037.	521.2	545.9	750.5	517.7
13	CCV 263390	128400.	5128.	2593.	2551.	1027.	2563.
14	CCB	-734.8	1.843	-.1226	-.8024	.7719	-1.223
15	460-7904-A-2-C DU	148600.	-2.663	10.66	21.80	45.85	.1166
16	460-7904-C-2-A	146500.	.3877	10.11	19.36	43.84	-.6747
17	SD 460-7904-C-2-A@5	30880.	-1.999	1.512	3.946	8.727	-.7404
18	460-7904-C-2-B MS	170200.	2001.	519.2	549.4	540.1	502.0
19	460-7900-A-14-A	-596.6	1.980	.2488	.1839	.7937	-1.183
20	460-7844-E-5-A	-641.2	-4.158	-.0331	.4945	.2142	-1.062
21	460-7844-E-6-A	-449.5	-3.662	-.2759	1.755	.6425	-1.274
22	460-7904-C-1-A	409.1	-3.266	.3372	1.212	2.355	-.9497
23	460-7904-C-3-A	109100.	-3.501	2.985	2.393	293.2	.4510
24	460-7904-C-4-A	109100.	-6.434	3.112	2.894	292.8	-.1981
25	CCV 263390	129300.	5182.	2618.	2593.	1038.	2598.
26	CCB	-491.6	.2538	-.0311	-.6291	.3932	-1.223
27	460-7904-C-5-A	73820.	-.3072	4.855	5.696	54.70	.5817
28	460-7906-A-1-A	-334.3	-2.754	-.0090	2.659	1.084	-.4992
29	460-7906-A-10-A	41030.	-.5580	3.860	10.63	5.094	19.62
30	460-7906-A-11-A	-378.7	-4.416	-.1125	.3863	.0928	-.9490
31	460-7906-A-2-A	17430.	-5.514	2.764	3.382	128.6	.9687
32	460-7906-A-3-A	20270.	-3.801	2.797	3.764	209.1	1.687
33	460-7906-A-4-A	20790.	-5.623	2.685	1.817	213.4	2.300
34	460-7906-A-5-A	24150.	-1.846	2.095	6.354	141.0	22.91
35	ICSA 263392	-698.6	-1.157	2.966	.3310	-2.593	-.1493

#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020

36	ICSAB 263394	11020.	93.17	103.9	101.6	99.36	99.32
37	CCV 263390	124700.	4987.	2515.	2499.	1000.	2496.
38	CCB	-707.4	2.197	-.1197	-.5414	-.4364	-1.024

#	Sample Name	Sn1899	Ti3349	*Y			
1	ICV 263390	1022.	10300.	953.838			
2	ICB	-.3615	-.0006	982.822			
3	ICSA 263392	-3.333	-5.282	934.505			
4	ICSAB 263394	97.32	98.93	917.455			
5	INT-20	-4.247	19620.	1008.78			
6	REPLIM	48.21	20.38	998.305			
7	MB 460-22715/1-A	1.826	-1.138	1003.34			
8	LCS 460-22715/2-A	528.9	540.5	986.232			
9	460-7908-B-3-A DU	1.126	-2.084	997.343			
10	460-7908-F-3-B	2.716	-2.130	977.68			
11	SD 460-7908-F-3-B@5	1.588	-1.467	1014.36			
12	460-7908-F-3-C MS	522.0	524.8	989.807			
13	CCV 263390	1034.	10330.	954.333			
14	CCB	1.113	-.5545	1009.61			
15	460-7904-A-2-C DU	2.949	140.1	984.802			
16	460-7904-C-2-A	2.505	133.8	1012.25			
17	SD 460-7904-C-2-A@5	.1569	26.31	1002.46			
18	460-7904-C-2-B MS	504.3	648.4	966.102			
19	460-7900-A-14-A	2.352	-1.483	991.677			
20	460-7844-E-5-A	.4560	-1.271	997.947			
21	460-7844-E-6-A	1.110	-1.202	991.953			
22	460-7904-C-1-A	1.825	-1.389	1024.46			
23	460-7904-C-3-A	1.038	33.97	991.65			
24	460-7904-C-4-A	.9357	33.69	971.63			
25	CCV 263390	1056.	10440.	941.022			
26	CCB	-1.491	-.3514	1010.05			
27	460-7904-C-5-A	.5619	37.73	1009.42			
28	460-7906-A-1-A	-.1110	-1.290	1003.34			
29	460-7906-A-10-A	1.969	1.593	980.1			
30	460-7906-A-11-A	.7542	-1.358	1009.63			
31	460-7906-A-2-A	1.978	-1.873	1004.58			
32	460-7906-A-3-A	.6978	-1.897	988.515			
33	460-7906-A-4-A	2.896	-1.667	988.817			
34	460-7906-A-5-A	1.065	-1.670	1007.74			
35	ICSA 263392	-2.939	-5.705	924.055			
36	ICSAB 263394	94.35	98.60	928.867			
37	CCV 263390	1014.	10010.	982.96			
38	CCB	2.033	-.6093	1000.83			

Method: SW846 Standard: T2CAL-BLK
Run Time: 11/16/09 23:40:32

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	1.240	.0149	-.1071	.0000	-.1103	-.0054	.1372
SDev	.002	.0197	.1234	.0000	.0011	.0133	.0073
%RSD	.1341	132.0	115.2	.0000	.9695	244.9	5.304
#1	1.239	.0010	-.0198	.0000	-.1096	-.0149	.1423
#2	1.242	.0289	-.1943	.0000	-.1111	.0040	.1320

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	.0052	-.0035	.0184	-.0105	-.0085	.0030	-.0231
SDev	.0060	.0070	.0008	.0078	.0106	.0000	.0194
%RSD	114.4	201.7	4.154	74.32	124.9	.3325	83.85
#1	.0094	.0015	.0179	-.0050	-.0010	.0030	-.0094
#2	.0010	-.0085	.0189	-.0159	-.0159	.0030	-.0369

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	12.99	-.0776	.0263	-.1173	.0036	.0559	.0040
SDev	.03	.0115	.0119	.0123	.0009	.0005	.0056
%RSD	.1972	14.83	45.06	10.46	24.85	.9610	141.4
#1	12.97	-.0694	.0347	-.1260	.0030	.0555	.0000

#2	13.01	-.0857	.0179	-.1086	.0042	.0563	.0080

Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	.1399	.0581	-.0179	.1097	-.0034	-.2506	.1436

SDev	.0055	.0494	.0029	.0973	.0415	.0416	.0002
%RSD	3.938	84.94	16.04	88.75	1216.	16.60	.1569
#1	.1438	.0232	-.0159	.1785	-.0327	-.2212	.1438
#2	.1360	.0930	-.0199	.0409	.0259	-.2800	.1435

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1006	--	--	--	--	--	--
SDev	3.344601	--	--	--	--	--	--
%RSD	.3324819	--	--	--	--	--	--
#1	1008	--	--	--	--	--	--
#2	1004	--	--	--	--	--	--

Method: SW846 Standard: T2CAL1
Run Time: 11/16/09 23:46:47

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	47.66	5.314	40.57	15.64	10.69	65.68	64.25
SDev	.01	.045	.00	.02	.02	.01	.13
%RSD	.0145	.8425	.0014	.1096	.1971	.0226	.2045
#1	47.65	5.282	40.57	15.63	10.68	65.67	64.16
#2	47.66	5.345	40.57	15.65	10.71	65.69	64.34

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	16.50	3.506	10.70	21.31	29.47	11.85	14.93
SDev	.03	.010	.01	.04	.01	.02	.01
%RSD	.2095	.2867	.1142	.1741	.0464	.1629	.0995
#1	16.47	3.499	10.70	21.28	29.48	11.83	14.94
#2	16.52	3.513	10.71	21.33	29.46	11.86	14.92

Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	3.784	15.59	3.196	5.899	2.717	41.43	4.012
SDev	.004	.00	.005	.009	.009	.22	.001
%RSD	.1183	.0067	.1428	.1599	.3430	.5385	.0308
#1	3.781	15.59	3.193	5.906	2.724	41.27	4.012
#2	3.788	15.59	3.199	5.893	2.711	41.58	4.011

Elem	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	41.73	78.39	82.78	16.19	16.54
SDev	.04	.07	.13	.01	.14
%RSD	.1018	.0892	.1518	.0719	.8463
#1	41.70	78.34	82.70	16.20	16.44
#2	41.76	78.44	82.87	16.18	16.64

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	962	--	--	--	--	--	--
SDev	1.477872	--	--	--	--	--	--
%RSD	.1536505	--	--	--	--	--	--
#1	961	--	--	--	--	--	--
#2	963	--	--	--	--	--	--

Method: SW846 Standard: T2CAL2
Run Time: 11/16/09 23:53:02

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179

Avge	218.6	24.89	186.6	71.54	49.30	299.3	292.9
SDev	.5	.04	.8	.10	.05	.3	.1
%RSD	.2084	.1630	.4319	.1346	.1065	.0935	.0266
#1	218.3	24.92	186.0	71.47	49.26	299.1	292.8
#2	219.0	24.86	187.2	71.60	49.34	299.5	292.9

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	76.24	16.20	50.47	98.16	141.6	54.52	68.90
SDev	.06	.03	.17	.10	.4	.10	.20
%RSD	.0840	.1598	.3397	.1013	.2793	.1806	.2856
#1	76.20	16.18	50.35	98.09	141.3	54.45	68.76
#2	76.29	16.22	50.60	98.23	141.8	54.59	69.04

Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	18.37	73.00	14.92	26.16	12.84	190.7	18.51
SDev	.07	.18	.02	.02	.00	.1	.00
%RSD	.3916	.2514	.1223	.0659	.0104	.0665	.0153
#1	18.32	72.87	14.91	26.15	12.84	190.6	18.51
#2	18.42	73.13	14.93	26.17	12.84	190.8	18.51

Elem	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	192.8	358.4	379.5	75.13	75.09
SDev	.3	1.1	.1	.14	.06
%RSD	.1451	.3135	.0230	.1838	.0772

#1	192.6	357.7	379.5	75.03	75.04
#2	193.0	359.2	379.4	75.23	75.13

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	990	--	--	--	--	--	--
SDev	2.761273	--	--	--	--	--	--
%RSD	.2788312	--	--	--	--	--	--
#1	992	--	--	--	--	--	--
#2	988	--	--	--	--	--	--

Method: SW846 Standard: T2CAL3
Run Time: 11/16/09 23:59:17

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	435.0	50.09	368.8	139.8	96.78	587.4	568.2
SDev	.3	.12	.3	.2	.10	.5	1.1

%RSD	.0685	.2403	.0734	.1188	.1078	.0930	.2012
#1	434.8	50.18	369.0	139.7	96.70	587.0	567.4
#2	435.3	50.01	368.6	139.9	96.85	587.7	569.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	150.8	32.03	101.8	193.8	289.1	106.9	136.0
SDev	.2	.02	.0	.2	.1	.2	.2
%RSD	.1268	.0567	.0144	.0931	.0254	.1448	.1630
#1	150.7	32.02	101.8	193.7	289.0	106.8	135.8
#2	151.0	32.05	101.8	194.0	289.1	107.0	136.2

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	472.6	37.58	125.9	145.0	29.87	50.46	25.93
SDev	.3	.01	.2	.2	.02	.07	.00
%RSD	.0637	.0158	.1887	.1134	.0583	.1366	.0015
#1	472.4	37.59	126.1	144.8	29.85	50.41	25.93
#2	472.8	37.58	125.7	145.1	29.88	50.51	25.93

Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	375.1	36.65	381.2	708.5	747.4	148.6	146.8

SDev	.5	.18	.5	.2	3.9	.2	1.0
%RSD	.1213	.5037	.1291	.0348	.5255	.1218	.7033
#1	374.8	36.52	380.9	708.4	744.7	148.5	146.1
#2	375.4	36.78	381.6	708.7	750.2	148.7	147.6

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	970	--	--	--	--	--	--
SDev	.5056003	--	--	--	--	--	--
%RSD	.0521086	--	--	--	--	--	--
#1	971	--	--	--	--	--	--
#2	970	--	--	--	--	--	--

Method: SW846 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	563.146	-708.033	11/16/09 11:59:17
Sb2068	206.838	Multiple	Standards	40.3448	-.672241	11/16/09 11:59:17
As1890	189.042	Multiple	Standards	26.1244	2.26660	11/16/09 11:59:17
Ba4934	493.409	Multiple	Standards	136.615	-1.17540	11/16/09 11:59:17
Be3130	313.042	Multiple	Standards	19.7331	2.06258	11/16/09 11:59:17
Cd2265	226.502	Multiple	Standards	8.16907	-.254228	11/16/09 11:59:17
Ca3179	317.933	Multiple	Standards	418.005	-72.8585	11/16/09 11:59:17
Cr2677	267.716	Multiple	Standards	64.0656	-.818281	11/16/09 11:59:17
Co2286	228.616	Multiple	Standards	151.904	.281557	11/16/09 11:59:17
Cu3247	324.754	Multiple	Standards	242.287	-5.19728	11/16/09 11:59:17
Fe2714	271.441	Multiple	Standards	997.181	.123440	11/16/09 11:59:17
Mg3832	383.231	Multiple	Standards	865.153	3.36031	11/16/09 11:59:17
Mn2576	257.610	Multiple	Standards	89.7874	-.807271	11/16/09 11:59:17

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ni2316	231.604	Multiple	Standards	35.3959	.563842	11/16/09 11:59:17
K_7664	766.491	T2CAL3	T2CAL-BLK	1.01213	-.711525	11/16/09 11:59:17
Ag3280	328.068	Multiple	Standards	66.2831	5.09309	11/16/09 11:59:17
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Na3302	330.232	T2CAL3	T2CAL-BLK	1.00629	.001143	11/16/09 11:59:17
Tl1908	190.864	Multiple	Standards	66.9171	7.41497	11/16/09 11:59:17
V_2924	292.402	Multiple	Standards	163.974	-.783820	11/16/09 11:59:17
Zn2062	206.200	Multiple	Standards	88.4361	-5.30860	11/16/09 11:59:17
B_2496	249.678	Multiple	Standards	76.2350	-.360209	11/16/09 11:59:17
Mo2020	202.030	Multiple	Standards	12.8151	-2.04824	11/16/09 11:59:17
Sn1899	189.989	Multiple	Standards	50.1793	-2.99637	11/16/09 11:59:17
Ti3349	334.941	Multiple	Standards	50.6772	-.077676	11/16/09 11:59:17
2203/1	220.351	Multiple	Standards	27.3898	-4.10057	11/16/09 11:59:17
2203/2	220.352	Multiple	Standards	25.6571	-1.00794	11/16/09 11:59:17
1960/1	196.021	Multiple	Standards	64.6381	15.6585	11/16/09 11:59:17
1960/2	196.022	Multiple	Standards	64.7077	-9.87826	11/16/09 11:59:17

Method: SW846

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	T2CAL-BLK	.000000	-9.52207	9.52207
		T2CAL1	25000.0	26131.3	-1131.34
		T2CAL2	125000.	122415.	2585.06
		T2CAL3	250000.	244286.	5714.36
CorCoef: 0.99998					
Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	T2CAL-BLK	.000000	-.069325	.069325
		T2CAL1	200.000	213.710	-13.7095
		T2CAL2	1000.00	1003.40	-3.40045
		T2CAL3	2000.00	2020.32	-20.3243
CorCoef: 0.99997					
Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	T2CAL-BLK	.000000	-.530519	.530519
		T2CAL1	1000.00	1062.11	-62.1119
		T2CAL2	5000.00	4877.10	122.896
		T2CAL3	10000.0	9636.40	363.600

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	T2CAL-BLK	.000000	-1.17540	1.17540
		T2CAL1	2000.00	2135.67	-135.674
		T2CAL2	10000.0	9771.68	228.319
		T2CAL3	20000.0	19099.9	900.100

CorCoef: 0.99990

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	T2CAL-BLK	.000000	-.114874	.114874
		T2CAL1	200.000	213.018	-13.0177
		T2CAL2	1000.00	974.926	25.0737
		T2CAL3	2000.00	1911.78	88.2195

CorCoef: 0.99991

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	T2CAL-BLK	.000000	-.298711	.298711
		T2CAL1	500.000	536.304	-36.3037
		T2CAL2	2500.00	2445.11	54.8860
		T2CAL3	5000.00	4797.87	202.131

CorCoef: 0.99991

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	T2CAL-BLK	.000000	-15.5200	15.5200
		T2CAL1	25000.0	26783.2	-1783.18
		T2CAL2	125000.	122357.	2643.04
		T2CAL3	250000.	237454.	12545.7

CorCoef: 0.99984

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	T2CAL-BLK	.000000	-.484561	.484561
		T2CAL1	1000.00	1056.09	-56.0879
		T2CAL2	5000.00	4883.73	116.271
		T2CAL3	10000.0	9662.59	337.409

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	T2CAL-BLK	.000000	-.248741	.248741
		T2CAL1	500.000	532.823	-32.8229
		T2CAL2	2500.00	2461.00	39.0042
		T2CAL3	5000.00	4866.37	133.625

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.754	T2CAL-BLK	.000000	-.741171	.741171
		T2CAL1	2500.00	2588.48	-88.4844
		T2CAL2	12500.0	12224.1	275.947
		T2CAL3	25000.0	24667.1	332.949

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	T2CAL-BLK	.000000	-10.2979	10.2979
		T2CAL1	20000.0	21248.7	-1248.67
		T2CAL2	100000.	97883.5	2116.50
		T2CAL3	200000.	193297.	6703.17

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg3832	383.231	T2CAL-BLK	.000000	-3.96519	3.96519
		T2CAL1	25000.0	25496.8	-496.783
		T2CAL2	125000.	122471.	2529.30
		T2CAL3	250000.	250091.	-90.7344

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	T2CAL-BLK	.000000	-.539501	.539501
		T2CAL1	1000.00	1062.77	-62.7706
		T2CAL2	5000.00	4894.07	105.928
		T2CAL3	10000.0	9596.90	403.102

CorCoef: 0.99992

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	T2CAL-BLK	.000000	-.255386	.255386
		T2CAL1	500.000	529.144	-29.1436
		T2CAL2	2500.00	2439.22	60.7786
		T2CAL3	5000.00	4814.37	185.628
CorCoef: 0.99995					

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	T2CAL-BLK	12.4373	12.9912	-.553946
		T2CAL3	477.626	472.605	5.02100

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	T2CAL-BLK	.000000	-.047674	.047674
		T2CAL1	250.000	255.935	-5.93532
		T2CAL2	1250.00	1222.63	27.3716
		T2CAL3	2500.00	2496.20	3.79980
CorCoef: 0.99993					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	T2CAL-BLK	.027632	.026324	.001309
		T2CAL3	126.699	125.906	.793640

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	T2CAL-BLK	.000000	-.433184	.433184
		T2CAL1	1000.00	1050.37	-50.3684
		T2CAL2	5000.00	4892.24	107.760
		T2CAL3	10000.0	9707.57	292.427
CorCoef: 0.99997					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	T2CAL-BLK	.000000	-.191931	.191931
		T2CAL1	500.000	523.302	-23.3016
		T2CAL2	2500.00	2445.61	54.3894
		T2CAL3	5000.00	4896.48	103.521
CorCoef: 0.99998					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	T2CAL-BLK	.000000	-.363416	.363416
		T2CAL1	500.000	516.409	-16.4094
		T2CAL2	2500.00	2308.15	191.846
		T2CAL3	5000.00	4457.30	542.703
CorCoef: 0.99978					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	T2CAL-BLK	.000000	-.056358	.056358
		T2CAL1	200.000	206.785	-6.78520
		T2CAL2	1000.00	978.383	21.6170
		T2CAL3	2000.00	1976.54	23.4626
CorCoef: 0.99997					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	T2CAL-BLK	.000000	-.255297	.255297
		T2CAL1	500.000	528.818	-28.8185
		T2CAL2	2500.00	2442.00	57.9966
		T2CAL3	5000.00	4805.22	194.781
CorCoef: 0.99994					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	T2CAL-BLK	.000000	-.079669	.079669

		T2CAL1	200.000	198.300	1.69983
		T2CAL2	1000.00	925.840	74.1605
		T2CAL3	2000.00	1835.92	164.081

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	T2CAL-BLK	.000000	-.984713	.984713
		T2CAL1	2000.00	2114.89	-114.887
		T2CAL2	10000.0	9770.67	229.327
		T2CAL3	20000.0	19320.0	679.990

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	T2CAL-BLK	.000000	-1.09633	1.09633
		T2CAL1	2000.00	2142.98	-142.983
		T2CAL2	10000.0	9813.77	186.226
		T2CAL3	20000.0	19402.4	597.559

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	T2CAL-BLK	.000000	-1.09544	1.09544
		T2CAL1	2000.00	2123.01	-123.015
		T2CAL2	10000.0	9734.70	265.302
		T2CAL3	20000.0	19176.4	823.637

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	T2CAL-BLK	.000000	-.538460	.538460
		T2CAL1	1000.00	1062.14	-62.1368
		T2CAL2	5000.00	4871.90	128.098
		T2CAL3	10000.0	9620.28	379.718

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	T2CAL-BLK	.000000	-.583326	.583326
		T2CAL1	1000.00	1060.56	-60.5593
		T2CAL2	5000.00	4848.71	151.287
		T2CAL3	10000.0	9491.33	508.669

CorCoef: 0.99990

Method: SW846 Sample Name: ICV 263390 Operator:
Run Time: 11/17/09 00:05:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	128900.	1029.	5114.	10300.	1024.	2552.	128100.
SDev	34.	2.	7.	20.	.	.	47.
%RSD	.0264	.2145	.1354	.1946	.0445	.0090	.0365
#1	128900.	1030.	5109.	10290.	1023.	2551.	128100.
#2	128900.	1027.	5119.	10320.	1024.	2552.	128000.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5126.	2560.	12850.	102500.	128700.	5119.	2559.
SDev	1.	.	17.	18.	85.	.	4.
%RSD	.0271	.0009	.1350	.0176	.0661	.0013	.1550
#1	5127.	2560.	12840.	102500.	128600.	5119.	2556.
#2	5125.	2560.	12860.	102500.	128800.	5119.	2562.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51300.	1278.	10170.	5105.	128000.	5119.	2564.
SDev	7.	1.	8.	4.	242.	4.	2.
%RSD	.0127	.0793	.0748	.0710	.1890	.0704	.0690

#1	51310.	1277.	10170.	5103.	127800.	5116.	2565.
#2	51300.	1278.	10180.	5108.	128100.	5122.	2563.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2543.	1026.	2562.	1022.	10300.	10180.	10170.
SDev	1.	3.	.	3.	6.	17.	3.
%RSD	.0428	.3075	.0026	.2732	.0568	.1676	.0285

#1	2543.	1024.	2562.	1024.	10300.	10160.	10170.
#2	2542.	1028.	2562.	1020.	10310.	10190.	10170.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5115.	5101.					
SDev	3.	7.					
%RSD	.0518	.1326					
#1	5117.	5096.					
#2	5113.	5105.					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	954	--	--	--	--	--	--
SDev	.2721999	--	--	--	--	--	--
%RSD	.0285373	--	--	--	--	--	--
#1	954	--	--	--	--	--	--
#2	954	--	--	--	--	--	--

Method: SW846 Sample Name: ICB Operator:
Run Time: 11/17/09 00:11:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.621	-1.396	.3791	.7705	-.0405	.1052	-9.809
SDev	2.250	.377	.2291	.1928	.0113	.2657	2.735
%RSD	29.52	27.03	60.43	25.03	27.75	252.5	27.88
#1	9.212	-1.662	.5410	.9068	-.0326	.2931	-7.875
#2	6.030	-1.129	.2171	.6341	-.0485	-.0826	-11.74
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4201	.1257	.8420	-2.438	3.787	-.0307	.2933
SDev	.1361	.2187	.5112	10.780	14.31	.0663	.6114
%RSD	32.38	174.0	60.72	442.3	378.1	215.8	208.5
#1	.5163	-.0289	1.204	5.185	13.91	-.0777	.7256
#2	.3239	.2804	.4805	-10.06	-6.336	.0162	-.1391

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-76.08	.1533	.2447	.2617	-445.1	.8711	.3100
SDev	9.11	.3004	1.266	2.498	33.5	1.266	.3384
%RSD	11.97	196.0	517.2	954.4	7.527	145.4	109.1
#1	-82.52	-.0591	-.6503	-1.504	-421.5	1.766	.5493
#2	-69.64	.3657	1.140	2.028	-468.8	-.0243	.0708

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2588	.1038	-.7835	-.3615	-.0006	.0253	.3497
SDev	.1514	.6575	.0297	2.1202	.1091	3.795	.0032
%RSD	58.51	633.3	3.786	586.6	19690.	15020.	.9155
#1	.3658	.5687	-.8045	1.138	.0766	-2.658	.3474
#2	.1517	-.3611	-.7625	-1.861	-.0777	2.708	.3520

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.1731	.2952
SDev	2.899	2.297
%RSD	1675.	778.1
#1	-1.877	-1.329
#2	2.223	1.920

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	983	--	--	--	--	--	--
SDev	1.905658	--	--	--	--	--	--
%RSD	.1938965	--	--	--	--	--	--
#1	984	--	--	--	--	--	--
#2	981	--	--	--	--	--	--

Method: SW846 Sample Name: ICSA 263392 Operator:
Run Time: 11/17/09 00:18:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	481100.	-1.184	-.7389	.2880	-.1920	-2.661	469000.
SDev	11556.	4.055	.3047	.1364	.0433	.075	9908.
%RSD	2.402	342.3	41.23	47.35	22.55	2.835	2.113
#1	489300.	1.683	-.9543	.3845	-.2226	-2.715	476000.
#2	473000.	-4.052	-.5235	.1916	-.1614	-2.608	462000.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	10.00	10.00	20.00	5.000	4.000	600000.
Low	400000.	-10.00	-10.00	-20.00	-5.000	-4.000	400000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.7080	1.077	5.440	200100.	528600.	-3.403	-2.768
SDev	.0506	1.227	.607	4476.	12632.	.139	.672
%RSD	7.151	113.9	11.15	2.237	2.390	4.071	24.29
#1	-.6722	1.944	5.868	203200.	537500.	-3.501	-2.292
#2	-.7438	.2092	5.011	196900.	519600.	-3.305	-3.243
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	5.000	20.00	240000.	600000.	9.900	10.00
Low	-10.00	-5.000	-10.00	160000.	400000.	-9.900	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-165.1	-.8607	.9922	-9.989	-654.4	-.5313	2.794
SDev	51.1	.3672	2.349	2.912	156.9	5.8448	.515
%RSD	30.98	42.67	236.7	29.15	23.98	1100.	18.43
#1	-128.9	-.6010	-.6684	-7.930	-765.3	-4.664	3.158
#2	-201.2	-1.120	2.653	L-12.05	-543.4	3.602	2.430
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	6.000	10.00	1000.	10.00	10.00
Low	-1000.	-10.00	-6.000	-10.00	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3050	-1.997	-.7802	-3.333	-5.282	28.51	-12.75
SDev	.2972	.153	1.6464	.368	.033	1.54	4.29
%RSD	97.44	7.653	211.0	11.05	.6274	5.389	33.64
#1	.5152	-2.105	.3840	-3.593	-5.258	29.59	-15.78
#2	.0949	-1.889	-1.944	-3.072	-5.305	27.42	-9.716
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	20.00	15.00	20.00	40.00	20.00		
Low	-20.00	-15.00	-20.00	-40.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-8.697	-10.65
SDev	5.372	1.68
%RSD	61.77	15.82
#1	-4.899	-9.455
#2	-12.50	-11.84
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	935	--	--	--	--	--	--
SDev	21.07885	--	--	--	--	--	--
%RSD	2.255617	--	--	--	--	--	--
#1	920	--	--	--	--	--	--
#2	949	--	--	--	--	--	--

Method: SW846 Sample Name: ICSAB 263394 Operator:
Run Time: 11/17/09 00:24:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	485400.	101.9	103.7	108.8	99.95	96.93	473400.
SDev	538.	1.9	1.1	.0	.18	.41	1452.
%RSD	.1107	1.848	1.076	.0440	.1764	.4258	.3067

#1	485800.	100.6	104.5	108.8	99.83	97.22	472300.
#2	485000.	103.2	102.9	108.7	100.1	96.64	474400.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	120.0	120.0	120.0	120.0	120.0	600000.
Low	400000.	80.00	80.00	80.00	80.00	80.00	400000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	100.1	101.4	111.7	202600.	533200.	97.63	96.66
SDev	.4	.7	1.5	360.	1355.	.06	.66
%RSD	.3570	.6571	1.342	.1779	.2541	.0595	.6820
#1	99.86	100.9	110.6	202300.	534100.	97.59	96.20
#2	100.4	101.9	112.7	202900.	532200.	97.68	97.13
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	120.0	120.0	120.0	240000.	600000.	120.0	120.0
Low	80.00	80.00	80.00	160000.	400000.	80.00	80.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11280.	104.2	104.3	92.44	11190.	94.82	104.0
SDev	14.	.5	.5	1.81	20.	4.99	.1
%RSD	.1256	.4351	.4315	1.960	.1828	5.259	.1024
#1	11290.	103.9	104.0	91.16	11200.	91.29	103.9
#2	11270.	104.6	104.6	93.72	11170.	98.35	104.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	12000.	120.0	120.0	120.0	12000.	120.0	120.0
Low	8000.	80.00	80.00	80.00	8000.	80.00	80.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	101.6	100.8	98.55	97.32	98.93	135.7	88.63
SDev	.1	.3	1.05	5.53	.09	1.9	.29
%RSD	.0612	.2518	1.063	5.686	.0927	1.424	.3273
#1	101.5	100.6	97.81	101.2	99.00	134.3	88.83
#2	101.6	101.0	99.29	93.40	98.87	137.1	88.42
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	120.0	120.0	120.0	120.0	120.0		
Low	80.00	80.00	80.00	80.00	80.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	90.79	93.24
SDev	2.38	1.53
%RSD	2.617	1.640
#1	89.11	92.16
#2	92.47	94.33
Errors	NOCHECK	NOCHECK

Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	917	--	--	--	--	--	--
SDev	4.433530	--	--	--	--	--	--
%RSD	.4832422	--	--	--	--	--	--
#1	921	--	--	--	--	--	--
#2	914	--	--	--	--	--	--

Method: SW846 Sample Name: INT-20 Operator:
Run Time: 11/17/09 00:30:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	85.63	-15.71	3.195	19310.	2.293	-.6251	119.0
SDev	15.97	.58	1.579	73.	.082	.0001	13.3
%RSD	18.65	3.696	49.41	.3803	3.562	.0127	11.14
#1	96.93	-15.30	2.079	19360.	2.350	-.6251	128.4
#2	74.34	-16.12	4.311	19260.	2.235	-.6252	109.6

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20270.	20130.	-2.916	-107.3	51.82	19030.	2.868
SDev	26.	27.	.171	8.6	11.54	23.	.183
%RSD	.1260	.1348	5.852	8.016	22.27	.1197	6.379
#1	20290.	20150.	-2.795	-101.3	59.98	19050.	2.739
#2	20260.	20110.	-3.036	-113.4	43.66	19010.	2.998

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-171.1	-2.008	-2.921	-4.826	-607.3	12.01	19690.
SDev	8.2	.020	.348	.879	222.0	3.14	17.
%RSD	4.811	1.013	11.90	18.22	36.56	26.12	.0839
#1	-176.9	-1.993	-2.675	-4.204	-764.3	14.22	19700.
#2	-165.3	-2.022	-3.166	-5.447	-450.3	9.789	19680.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5030.	9594.	9841.	-4.247	19620.	-.2425	-4.262
SDev	5.	17.	21.	2.092	48.	.9094	.975
%RSD	.0992	.1811	.2113	49.25	.2449	375.0	22.88
#1	5033.	9606.	9856.	-5.726	19650.	-.8856	-3.572
#2	5026.	9581.	9827.	-2.768	19580.	.4005	-4.951

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4.328	-9.406
SDev	2.913	2.772
%RSD	67.30	29.47
#1	2.268	-7.445
#2	6.387	-11.37

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1009	--	--	--	--	--	--

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SDev	.3500144	--	--	--	--	--	--
%RSD	.0346967	--	--	--	--	--	--
#1	1009	--	--	--	--	--	--
#2	1009	--	--	--	--	--	--

Method: SW846 Sample Name: REPLIM Operator:
Run Time: 11/17/09 00:36:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179

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Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	192.3	8.826	5.325	203.8	1.877	3.701	5099.

SDev	8.6	.377	1.001	.3	.000	.123	12.
%RSD	4.464	4.266	18.80	.1655	.0053	3.316	.2395
#1	198.4	9.092	6.033	204.1	1.877	3.615	5108.
#2	186.2	8.559	4.617	203.6	1.876	3.788	5090.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.22	50.59	23.68	137.7	4823.	16.02	38.66
SDev	.78	1.17	.71	14.8	7.	.52	.55
%RSD	6.951	2.304	2.984	10.76	.1463	3.249	1.419
#1	11.78	51.41	24.18	148.2	4828.	16.39	38.27
#2	10.67	49.76	23.18	127.2	4818.	15.65	39.05

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4807.	9.657	4.316	4.695	5348.	8.453	51.57
SDev	34.	.355	.079	.069	47.	.329	.89
%RSD	.6986	3.679	1.832	1.476	.8705	3.895	1.732
#1	4783.	9.909	4.260	4.744	5381.	8.220	52.20
#2	4831.	9.406	4.372	4.646	5315.	8.686	50.93

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	32.28	51.68	20.03	48.21	20.38	7.772	2.587
SDev	.67	1.55	1.19	.40	.77	2.249	1.004
%RSD	2.083	2.995	5.950	.8202	3.767	28.94	38.83
#1	32.75	52.77	20.87	48.49	20.93	6.181	3.297
#2	31.80	50.58	19.18	47.93	19.84	9.362	1.877

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	6.741	3.664
SDev	.372	.290
%RSD	5.526	7.912
#1	6.478	3.869
#2	7.004	3.459

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	998	--	--	--	--	--	--
SDev	.7000288	--	--	--	--	--	--
%RSD	.0701217	--	--	--	--	--	--
#1	998	--	--	--	--	--	--
#2	999	--	--	--	--	--	--

Method: SW846 Sample Name: MB 460-22715/1-A Operator:
Run Time: 11/17/09 00:43:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.179	-1.613	.4084	-1.175	-.1355	-.1695	24.02
SDev	5.603	2.109	1.533	.000	.0206	.1028	2.98
%RSD	61.05	130.8	375.3	.0000	15.16	60.62	12.41
#1	13.14	-3.104	-.6755	-1.175	-.1501	-.0969	26.13
#2	5.216	-.1215	1.492	-1.175	-.1210	-.2422	21.92

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0383	-.3601	-.8481	-7.363	-1.341	-.2251	-1.172
SDev	.3290	.0469	.3960	10.641	6.648	.0705	.365

%RSD	859.4	13.02	46.69	144.5	495.9	31.29	31.14
#1	-.2709	-.3269	-.5682	-14.89	3.360	-.1753	-.9138
#2	.1943	-.3933	-1.128	.1611	-6.041	-.2749	-1.430
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-199.2	-.6051	-.2952	1.272	-508.3	-2.296	-.3048
SDev	35.2	.0480	.3155	2.734	54.7	.541	.0108
%RSD	17.69	7.930	106.9	215.0	10.76	23.55	3.545
#1	-174.3	-.6390	-.0722	-.6614	-547.0	-2.678	-.3125
#2	-224.1	-.5712	-.5183	3.205	-469.6	-1.914	-.2972
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7722	4.009	-.9264	1.826	-1.138	3.074	-1.982
SDev	.0567	.002	1.2193	1.748	.130	1.690	.371
%RSD	7.343	.0439	131.6	95.73	11.40	54.96	18.70

#1	.7321	4.010	-.0643	.5898	-1.046	4.269	-2.244
#2	.8123	4.007	-1.789	3.061	-1.229	1.880	-1.720
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.7484	1.523
SDev	4.470	1.867
%RSD	597.2	122.6
#1	-2.412	.2021
#2	3.909	2.843
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1003	--	--	--	--	--	--
SDev	12.56172	--	--	--	--	--	--
%RSD	1.251993	--	--	--	--	--	--
#1	994	--	--	--	--	--	--
#2	1012	--	--	--	--	--	--

Method: SW846 Sample Name: LCS 460-22715/2-A Operator:
Run Time: 11/17/09 00:49:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2128.	526.2	2110.	2145.	53.10	53.53	21700.
SDev	2.	2.1	5.	1.	.04	.08	5.
%RSD	.1038	.3954	.2140	.0667	.0678	.1490	.0216
#1	2127.	527.7	2113.	2144.	53.08	53.47	21700.
#2	2130.	524.8	2106.	2146.	53.13	53.59	21710.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

High	2400.	600.0	2400.	2400.	60.00	60.00	24000.
Low	1600.	400.0	1600.	1600.	40.00	40.00	16000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	215.3	530.8	260.6	1078.	20630.	539.1	533.3
SDev	.8	.5	.6	5.	34.	.1	.1
%RSD	.3598	.0862	.2339	.4897	.1647	.0270	.0245
#1	215.8	531.1	260.2	1082.	20600.	539.0	533.2
#2	214.7	530.4	261.0	1074.	20650.	539.2	533.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	240.0	600.0	300.0	1200.	24000.	600.0	600.0
Low	160.0	400.0	200.0	800.0	16000.	400.0	400.0

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20470.	50.88	532.6	2087.	21670.	2104.	533.5
SDev	22.	.24	1.0	1.	63.	.	.1
%RSD	.1099	.4717	.1836	.0277	.2889	.0090	.0223
#1	20450.	51.05	531.9	2087.	21630.	2105.	533.6
#2	20480.	50.71	533.3	2088.	21720.	2104.	533.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	24000.	60.00	600.0	2400.	24000.	2400.	600.0
Low	16000.	40.00	400.0	1600.	16000.	1600.	400.0

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	562.9	515.4	534.8	528.9	540.5	534.4	531.6
SDev	.4	.1	.5	1.0	.1	.2	1.6
%RSD	.0627	.0179	.0995	.1917	.0156	.0399	.2957
#1	563.2	515.5	535.2	529.6	540.6	534.6	530.5
#2	562.7	515.3	534.4	528.2	540.5	534.3	532.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	600.0	600.0	600.0	600.0	600.0		
Low	400.0	400.0	400.0	400.0	400.0		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2092.	2085.
SDev	5.	3.
%RSD	.2211	.1523
#1	2095.	2083.
#2	2089.	2087.
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	986	--	--	--	--	--	--
SDev	.9722718	--	--	--	--	--	--
%RSD	.0985844	--	--	--	--	--	--
#1	987	--	--	--	--	--	--
#2	986	--	--	--	--	--	--

Method: SW846 Sample Name: 460-7908-B-3-A DU Operator:
Run Time: 11/17/09 00:55:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	238.9	-2.473	5.417	15.09	-.1238	-.4202	101700.
SDev	2.6	2.409	1.875	.22	.0031	.0578	214.
%RSD	1.072	97.41	34.62	1.449	2.528	13.75	.2106
#1	240.7	-4.176	6.743	14.94	-.1260	-.3794	101900.
#2	237.1	-.7696	4.091	15.25	-.1216	-.4611	101600.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1703	-.1389	.1472	798.0	18750.	369.7	1.281
SDev	.1150	.7017	.0077	1.6	18.	1.0	.389
%RSD	67.52	505.0	5.237	.2031	.0984	.2652	30.37
#1	.2516	-.6351	.1527	796.8	18760.	370.4	1.556
#2	.0890	.3572	.1418	799.1	18730.	369.0	1.006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7780.	.0989	.0338	-2.451	16020.	-2.137	.5716
SDev	21.	.3217	.4599	.660	7.	1.868	.1612
%RSD	.2722	325.4	1359.	26.93	.0406	87.41	28.21
#1	7795.	.3264	.3591	-2.917	16010.	-3.458	.6857
#2	7765.	-.1286	-.2914	-1.984	16020.	-.8162	.4576
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.564	250.4	.8791	1.126	-2.084	4.733	-2.317
SDev	.229	.7	.8272	2.039	.075	.110	.635
%RSD	3.029	.2742	94.10	181.2	3.587	2.325	27.39
#1	7.402	250.9	.2942	-.3164	-2.136	4.811	-1.868
#2	7.726	249.9	1.464	2.568	-2.031	4.656	-2.766
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-7.368	-.0064
SDev	.813	.5835
%RSD	11.03	9088.
#1	-7.943	-.4190
#2	-6.793	.4062
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	997	--	--	--	--	--	--
SDev	1.438943	--	--	--	--	--	--
%RSD	.1442778	--	--	--	--	--	--

#1	996	--	--	--	--	--	--
#2	998	--	--	--	--	--	--

Method: SW846 Sample Name: 460-7908-F-3-B Operator:
Run Time: 11/17/09 01:02:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	284.1	.9561	7.258	16.71	-.1678	-.3556	111100.
SDev	1.3	1.643	1.084	.09	.0403	.0154	303.
%RSD	.4583	171.9	14.94	.5620	24.02	4.325	.2723

#1	285.0	-.2058	6.491	16.64	-.1393	-.3447	110900.
#2	283.2	2.118	8.025	16.78	-.1963	-.3665	111300.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8291	.3958	.0070	871.6	20520.	404.1	.7792
SDev	.2230	.0546	.0273	5.3	21.	.1	.2805
%RSD	26.90	13.79	391.5	.6087	.1000	.0125	36.00

#1	.9868	.4344	-.0123	867.9	20540.	404.1	.9775
#2	.6714	.3572	.0263	875.4	20510.	404.2	.5808
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8519.	-.1707	.5504	.8521	17700.	-2.909	1.196
SDev	18.	.4997	1.244	1.261	48.	2.513	.166
%RSD	.2112	292.7	226.1	148.0	.2715	86.40	13.86

#1	8506.	-.5241	-.3295	-.0395	17730.	-4.686	1.314
#2	8532.	.1827	1.430	1.744	17660.	-1.132	1.079
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.109	272.5	.4946	2.716	-2.130	8.178	-3.262
SDev	.064	.5	.3064	.762	.084	1.831	.952
%RSD	.7948	.2017	61.95	28.06	3.921	22.39	29.17

#1	8.064	272.1	.7112	3.255	-2.071	6.884	-3.935
#2	8.155	272.9	.2779	2.178	-2.189	9.472	-2.589
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.3966	1.069
SDev	1.326	1.228
%RSD	334.3	114.9

#1	-.5409	.2002
#2	1.334	1.937
Errors	NOCHECK	NOCHECK
High		

Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	978	--	--	--	--	--	--
SDev	5.133602	--	--	--	--	--	--
%RSD	.5250800	--	--	--	--	--	--
#1	981	--	--	--	--	--	--
#2	974	--	--	--	--	--	--

Method: SW846 Sample Name: SD 460-7908-F-3-B@5 Operator:
Run Time: 11/17/09 01:08:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	36.87	-.9958	1.828	2.730	-.1309	-.2961	21950.
SDev	1.41	.4473	1.019	.006	.0035	.2652	56.
%RSD	3.819	44.92	55.74	.2194	2.681	89.56	.2541
#1	35.87	-.6795	2.549	2.735	-.1285	-.4836	21990.
#2	37.86	-1.312	1.107	2.726	-.1334	-.1086	21910.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0208	-.2408	-.6595	171.7	3935.	77.64	-.3787
SDev	.4256	.6346	.6686	5.1	6.	.12	.2215
%RSD	2048.	263.5	101.4	2.957	.1533	.1552	58.49
#1	.3217	.2079	-1.132	175.3	3931.	77.72	-.2221
#2	-.2802	-.6896	-.1867	168.1	3939.	77.55	-.5353
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1470.	-.0225	.0163	-1.521	3470.	-1.456	.0276
SDev	3.	.3544	1.248	.137	3.	.453	.0702
%RSD	.2224	1577.	7656.	8.981	.0910	31.09	254.0

#1	1472.	-.2731	-.8662	-1.617	3468.	-1.136	-.0220
#2	1467.	.2281	.8988	-1.424	3472.	-1.776	.0772
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.311	53.38	-.3194	1.588	-1.467	.2639	-.1117
SDev	.144	.72	.2128	.436	.104	.0828	1.9124
%RSD	11.02	1.340	66.61	27.48	7.074	31.38	1712.
#1	1.413	52.87	-.1690	1.897	-1.394	.3224	-1.464
#2	1.209	53.88	-.4699	1.280	-1.541	.2053	1.241
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.135	-2.857

SDev	2.546	1.476
%RSD	224.3	51.66
#1	2.935	-3.900
#2	-.6653	-1.813
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1014	--	--	--	--	--	--
SDev	1.555600	--	--	--	--	--	--
%RSD	.1533571	--	--	--	--	--	--
#1	1013	--	--	--	--	--	--
#2	1015	--	--	--	--	--	--

Method: SW846 Sample Name: 460-7908-F-3-C MS Operator:
Run Time: 11/17/09 01:14:37
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2313.	515.7	2064.	2109.	51.63	51.51	122100.
SDev	16.	.6	8.	10.	.23	.23	548.
%RSD	.6738	.1212	.3842	.4540	.4486	.4513	.4491
#1	2324.	516.1	2069.	2116.	51.79	51.67	122400.
#2	2302.	515.3	2058.	2102.	51.46	51.35	121700.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	209.9	513.9	259.0	1845.	39230.	896.9	516.4
SDev	1.2	2.8	1.0	21.	145.	4.4	2.2
%RSD	.5626	.5426	.3834	1.154	.3702	.4894	.4279
#1	210.7	515.9	259.7	1860.	39330.	900.0	518.0
#2	209.0	511.9	258.3	1830.	39130.	893.8	514.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27790.	50.24	514.9	2003.	36610.	2037.	521.2
SDev	58.	.33	.7	9.	275.	11.	2.5
%RSD	.2074	.6559	.1314	.4644	.7514	.5160	.4875
#1	27830.	50.47	515.4	2009.	36800.	2045.	523.0
#2	27750.	50.00	514.4	1996.	36410.	2030.	519.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	545.9	750.5	517.7	522.0	524.8	517.9	513.4
SDev	3.4	.4	3.5	.3	2.2	.5	.8
%RSD	.6225	.0595	.6699	.0508	.4208	.0996	.1475
#1	548.3	750.2	520.1	522.2	526.3	518.3	513.9
#2	543.5	750.8	515.2	521.8	523.2	517.5	512.9

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2014.	1997.
SDev	14.	7.

%RSD	.7023	.3446
#1	2024.	2002.
#2	2004.	1993.

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	990	--	--	--	--	--	--
SDev	3.072358	--	--	--	--	--	--
%RSD	.3103996	--	--	--	--	--	--
#1	988	--	--	--	--	--	--
#2	992	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 263390 Operator:
Run Time: 11/17/09 01:20:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	129300.	1026.	5107.	10240.	1025.	2559.	128400.
SDev	521.	2.	6.	58.	.	3.	100.
%RSD	.4028	.2424	.1216	.5628	.0396	.1060	.0775
#1	129000.	1024.	5102.	10200.	1025.	2561.	128500.
#2	129700.	1027.	5111.	10280.	1025.	2557.	128400.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5158.	2568.	12880.	102600.	128900.	5151.	2565.
SDev	3.	1.	69.	5.	418.	4.	.
%RSD	.0630	.0549	.5355	.0051	.3240	.0808	.0140
#1	5160.	2569.	12830.	102600.	128600.	5148.	2565.
#2	5155.	2567.	12930.	102600.	129200.	5154.	2565.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51260.	1281.	10200.	5086.	128400.	5128.	2593.
SDev	329.	4.	27.	11.	859.	23.	3.
%RSD	.6418	.2846	.2684	.2168	.6688	.4409	.1029
#1	51030.	1278.	10180.	5094.	127800.	5112.	2591.
#2	51490.	1283.	10220.	5078.	129000.	5144.	2595.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2551.	1027.	2563.	1034.	10330.	10220.	10190.
SDev	9.	4.	2.	4.	26.	31.	26.
%RSD	.3429	.3544	.0860	.4117	.2493	.3048	.2502
#1	2557.	1024.	2564.	1031.	10320.	10190.	10180.
#2	2545.	1029.	2561.	1037.	10350.	10240.	10210.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5126.	5066.
SDev	2.	18.
%RSD	.0462	.3497
#1	5124.	5078.
#2	5128.	5053.
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	954	--	--	--	--	--	--
SDev	6.105874	--	--	--	--	--	--
%RSD	.6398057	--	--	--	--	--	--
#1	959	--	--	--	--	--	--
#2	950	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 11/17/09 01:27:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-8.422	-.6753	2.888	-.5665	-.0875	.0125	-17.48
SDev	1.447	1.4131	1.025	.8611	.0137	.0866	2.19
%RSD	17.18	209.3	35.49	152.0	15.61	692.6	12.52
#1	-9.446	.3240	2.163	.0423	-.0971	-.0487	-15.93
#2	-7.399	-1.675	3.612	-1.175	-.0778	.0737	-19.03
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1837	-.2831	.0823	2.620	5.931	-.3182	-.3217
SDev	.0897	.1599	.6782	7.701	3.635	.0628	.0373
%RSD	48.80	56.48	824.3	293.9	61.29	19.72	11.59
#1	-.1203	-.3961	.5618	8.065	8.501	-.2739	-.3481
#2	-.2471	-.1700	-.3973	-2.825	3.360	-.3626	-.2954
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-197.2	.0379	-.3427	2.948	-734.8	1.843	-.1226
SDev	2.3	.1387	.5460	.350	13.1	1.963	.5618

%RSD	1.160	366.1	159.3	11.88	1.785	106.5	458.2
#1	-198.8	-.0602	.0434	3.196	-744.1	.4547	-.5199
#2	-195.6	.1359	-.7287	2.701	-725.5	3.231	.2746
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.8024	.7719	-1.223	1.113	-.5545	.1228	-.5795
SDev	.1254	.3206	.296	1.139	.2485	.5193	1.0778
%RSD	15.63	41.54	24.23	102.4	44.81	423.0	186.0
#1	-.7138	.9986	-1.013	.3074	-.3788	-.2444	.1827
#2	-.8911	.5452	-1.433	1.919	-.7302	.4900	-1.342
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

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High	30.00	50.00	20.00	50.00	20.00
Low	-30.00	-50.00	-20.00	-50.00	-20.00

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	6.344	1.243
SDev	1.221	1.134
%RSD	19.24	91.29
#1	5.481	2.045
#2	7.207	.4404
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1010	--	--	--	--	--	--
SDev	.1166571	--	--	--	--	--	--
%RSD	.0115547	--	--	--	--	--	--
#1	1010	--	--	--	--	--	--
#2	1010	--	--	--	--	--	--

Method: SW846 Sample Name: 460-7904-A-2-C DU Operator:
Run Time: 11/17/09 01:33:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6943.	-1.140	4.980	292.7	.4540	-.8095	55900.
SDev	26.	.259	1.366	.7	.0017	.0969	57.
%RSD	.3736	22.75	27.44	.2323	.3693	11.97	.1021
#1	6961.	-1.323	4.013	293.2	.4528	-.8781	55940.
#2	6925.	-.9563	5.946	292.2	.4552	-.7410	55850.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.55	5.149	21.13	23920.	27170.	396.5	7.151
SDev	.52	.324	1.01	54.	4.	.5	.362
%RSD	4.885	6.292	4.798	.2254	.0162	.1311	5.055

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#1	10.19	4.920	20.41	23960.	27170.	396.8	6.896
#2	10.92	5.378	21.84	23880.	27160.	396.1	7.407
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9209.	1.095	2.598	-.1195	148600.	-2.663	10.66
SDev	13.	.305	.260	1.2324	41.	8.112	.39
%RSD	.1421	27.84	9.997	1031.	.0275	304.6	3.652
#1	9218.	1.310	2.782	.7519	148600.	3.073	10.94
#2	9200.	.8792	2.415	-.9909	148500.	-8.398	10.39
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.80	45.85	.1166	2.949	140.1	8.756	-.4807
SDev	.08	.77	.2311	.113	1.2	2.953	1.0850
%RSD	.3650	1.675	198.2	3.826	.8681	33.73	225.7
#1	21.86	45.31	-.0468	2.869	140.9	10.84	-1.248
#2	21.75	46.39	.2800	3.029	139.2	6.668	.2865
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-1.438	.5283					
SDev	.250	1.972					
%RSD	17.38	373.4					
#1	-1.615	1.923					
#2	-1.262	-.8664					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	985	--	--	--	--	--	--
SDev	1.127815	--	--	--	--	--	--
%RSD	.1145219	--	--	--	--	--	--
#1	984	--	--	--	--	--	--
#2	986	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-7904-C-2-A Operator:
Run Time: 11/17/09 01:39:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6458.	-.4018	2.455	282.9	.4730	-.9319	53940.
SDev	9.	2.0056	.747	.7	.0021	.0786	97.
%RSD	.1369	499.1	30.44	.2504	.4362	8.433	.1803
#1	6465.	1.016	1.927	282.4	.4745	-.8763	54010.
#2	6452.	-1.820	2.984	283.4	.4715	-.9875	53870.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.754	4.309	22.45	23120.	26530.	385.7	5.741
SDev	.164	.033	.09	28.	11.	.2	.114
%RSD	1.685	.7682	.3991	.1194	.0400	.0615	1.982
#1	9.870	4.286	22.38	23140.	26520.	385.9	5.822
#2	9.638	4.332	22.51	23100.	26530.	385.6	5.661
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8955.	1.056	1.471	-2.405	146500.	.3877	10.11
SDev	22.	.058	1.126	.752	105.	.5443	.28
%RSD	.2402	5.487	76.58	31.28	.0717	140.4	2.759
#1	8971.	1.015	.6744	-1.873	146600.	.7726	10.30
#2	8940.	1.096	2.267	-2.937	146400.	.0028	9.909
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.36	43.84	-.6747	2.505	133.8	4.611	-.1011

SDev	.11	.46	1.1260	1.355	2.9	.768	1.3052
%RSD	.5634	1.045	166.9	54.11	2.198	16.66	1291.
#1	19.28	43.52	.1215	1.546	131.8	4.067	-1.024
#2	19.43	44.17	-1.471	3.463	135.9	5.154	.8219
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-4.613	-1.313					
SDev	4.500	1.119					
%RSD	97.55	85.21					
#1	-1.431	-2.104					
#2	-7.795	-.5218					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1012	--	--	--	--	--	--
SDev	2.916815	--	--	--	--	--	--
%RSD	.2881524	--	--	--	--	--	--
#1	1010	--	--	--	--	--	--
#2	1014	--	--	--	--	--	--

Method: SW846 Sample Name: SD 460-7904-C-2-A@5 Operator:
Run Time: 11/17/09 01:45:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	1321.	-2.458	-.5908	56.74	-.0066	-.3758	11240.
SDev	2.	1.308	1.7310	.17	.0079	.0777	2.
%RSD	.1748	53.23	293.0	.2961	119.3	20.67	.0167
#1	1320.	-1.533	.6332	56.62	-.0122	-.4307	11240.
#2	1323.	-3.383	-1.815	56.86	-.0010	-.3208	11240.

High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.407	.4744	4.108	4769.	5394.	78.64	1.104
SDev	.089	.4825	.175	1.	19.	.16	.600
%RSD	6.356	101.7	4.257	.0271	.3594	.2038	54.36
#1	1.344	.8156	4.232	4770.	5408.	78.75	1.528
#2	1.471	.1332	3.984	4768.	5380.	78.52	.6796

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1620.	-.0830	-.3217	.7730	30880.	-1.999	1.512
SDev	4.	.0256	.2312	3.545	177.	.856	.085
%RSD	.2213	30.84	71.87	458.7	.5728	42.84	5.598
#1	1623.	-.1011	-.4853	3.280	31010.	-2.605	1.452
#2	1618.	-.0649	-.1582	-1.734	30760.	-1.393	1.572

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.946	8.727	-.7404	.1569	26.31	-.5451	-.2147
SDev	.657	.003	.1938	.8132	.31	4.2091	1.7547
%RSD	16.64	.0372	26.17	518.4	1.180	772.1	817.3
#1	4.410	8.729	-.8775	-.4182	26.09	-3.521	1.026
#2	3.481	8.725	-.6034	.7319	26.53	2.431	-1.455

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.9533	.6725
SDev	2.410	4.112
%RSD	252.8	611.5
#1	2.657	3.580
#2	-.7509	-2.235

Errors	NOCHECK	NOCHECK
High		
Low		

Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1002	--	--	--	--	--	--
SDev	.4278289	--	--	--	--	--	--

%RSD	.0426780	--	--	--	--	--	--
#1	1002	--	--	--	--	--	--
#2	1003	--	--	--	--	--	--

Method: SW846 Sample Name: 460-7904-C-2-B MS Operator:
Run Time: 11/17/09 01:52:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11660.	501.1	2024.	2362.	51.00	50.39	75500.
SDev	3.	1.0	9.	2.	.14	.02	253.
%RSD	.0219	.2030	.4265	.0775	.2718	.0458	.3347
#1	11660.	501.8	2018.	2361.	50.90	50.37	75320.
#2	11660.	500.4	2031.	2364.	51.09	50.40	75680.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	214.9	511.1	278.1	24590.	47450.	910.3	514.2
SDev	.1	.1	.0	76.	31.	1.8	2.2
%RSD	.0697	.0288	.0076	.3097	.0650	.1932	.4197
#1	215.0	511.0	278.1	24530.	47420.	909.1	512.7
#2	214.8	511.2	278.1	24640.	47470.	911.6	515.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29690.	49.84	507.4	1995.	170200.	2001.	519.2
SDev	27.	.92	2.7	9.	303.	3.	2.4
%RSD	.0921	1.847	.5327	.4601	.1782	.1333	.4552
#1	29670.	49.19	505.5	1989.	170000.	2003.	517.6
#2	29710.	50.49	509.3	2002.	170400.	1999.	520.9

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	549.4	540.1	502.0	504.3	648.4	509.2	506.5
SDev	2.6	2.4	3.0	5.4	3.3	4.3	1.9
%RSD	.4771	.4418	.5882	1.066	.5110	.8529	.3719
#1	547.5	538.4	499.9	500.5	646.1	506.2	505.2
#2	551.2	541.8	504.1	508.1	650.7	512.3	507.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2008.	1989.
SDev	6.	11.
%RSD	.2883	.5467
#1	2004.	1981.
#2	2012.	1996.
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	966	--	--	--	--	--	--
SDev	4.161330	--	--	--	--	--	--
%RSD	.4307338	--	--	--	--	--	--
#1	969	--	--	--	--	--	--
#2	963	--	--	--	--	--	--

Method: SW846 Sample Name: 460-7900-A-14-A Operator:
Run Time: 11/17/09 01:58:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	-11.68	-1.409	.8000	-1.175	-.1363	-.3341	-10.47
SDev	.02	2.477	2.520	.000	.0200	.0315	.83
%RSD	.2043	175.7	315.0	.0000	14.69	9.425	7.911
#1	-11.70	-3.161	-.9821	-1.175	-.1221	-.3119	-9.887
#2	-11.67	.3419	2.582	-1.175	-.1504	-.3564	-11.06
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5440	-.9804	-.3108	-5.823	-5.343	-.5356	-.9102
SDev	.1131	.0490	.0182	2.815	11.072	.0008	.2200
%RSD	20.79	5.001	5.857	48.34	207.2	.1538	24.17
#1	-.6239	-.9457	-.2980	-3.833	2.486	-.5350	-1.066
#2	-.4640	-1.015	-.3237	-7.813	-13.17	-.5361	-.7546
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-185.9	-.0024	.5166	-.6135	-596.6	1.980	.2488
SDev	22.6	.5245	.3428	.7627	43.8	.026	.3281
%RSD	12.18	21720.	66.36	124.3	7.342	1.306	131.9
#1	-169.9	.3685	.2742	-1.153	-565.6	1.998	.4808
#2	-201.9	-.3733	.7590	-.0742	-627.5	1.962	.0168
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1839	.7937	-1.183	2.352	-1.483	2.506	-.4813
SDev	.1402	.2216	.198	2.191	.103	1.069	.0199
%RSD	76.26	27.92	16.71	93.16	6.957	42.66	4.132
#1	.0847	.9504	-1.323	3.901	-1.410	1.750	-.4672
#2	.2830	.6370	-1.043	.8026	-1.556	3.263	-.4954
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-4.033	1.083

SDev	3.668	.688	
%RSD	90.96	63.51	

#2	-1.439	.5966	
Errors	NOCHECK	NOCHECK	
High			
Low			

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	992	--	--	--	--	--	--
SDev	3.694616	--	--	--	--	--	--
%RSD	.3725622	--	--	--	--	--	--
#1	989	--	--	--	--	--	--
#2	994	--	--	--	--	--	--

Method: SW846 Sample Name: 460-7844-E-5-A Operator:
Run Time: 11/17/09 02:04:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-14.21	-1.965	2.372	-1.175	-.1473	-.2846	-3.846
SDev	2.27	1.763	.296	.000	.0154	.2293	2.191
%RSD	15.94	89.70	12.50	.0000	10.46	80.57	56.98
#1	-12.61	-.7189	2.582	-1.175	-.1582	-.4467	-2.297
#2	-15.81	-3.212	2.162	-1.175	-.1364	-.1224	-5.396
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0478	-1.011	-.8271	-10.77	-2.696	-.5373	-.6604
SDev	.1393	.222	.0169	5.62	6.107	.0009	.3712
%RSD	291.6	21.92	2.039	52.20	226.5	.1745	56.20
#1	.0507	-1.168	-.8152	-6.796	1.622	-.5366	-.3979
#2	-.1463	-.8545	-.8390	-14.75	-7.015	-.5380	-.9228
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	-187.7	-.1702	.3955	-3.013	-641.2	-4.158	-.0331
SDev	2.2	.2380	.7037	2.352	246.7	1.899	.5705
%RSD	1.173	139.9	177.9	78.08	38.48	45.67	1721.
#1	-186.2	-.0019	.8931	-1.349	-466.7	-5.501	.3703
#2	-189.3	-.3385	-.1021	-4.676	-815.6	-2.815	-.4365
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4945	.2142	-1.062	.4560	-1.271	4.105	-1.461
SDev	.2875	.5961	.958	.9232	.041	1.719	.197
%RSD	58.14	278.2	90.28	202.5	3.192	41.88	13.48

#1	.2912	.6357	-1.739	-.1968	-1.300	5.320	-1.322
#2	.6978	-.2073	-.3839	1.109	-1.242	2.889	-1.600
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-5.397	-1.833
SDev	2.737	4.893
%RSD	50.71	267.0
#1	-7.333	1.627
#2	-3.462	-5.292
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	998	--	--	--	--	--	--
SDev	3.850202	--	--	--	--	--	--
%RSD	.3858120	--	--	--	--	--	--
#1	995	--	--	--	--	--	--
#2	1001	--	--	--	--	--	--

Method: SW846 Sample Name: 460-7844-E-6-A Operator:
Run Time: 11/17/09 02:11:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.353	-.2178	.8193	-1.175	-.1657	-.3472	37.87
SDev	9.777	2.4176	.2853	.000	.0192	.0253	.81
%RSD	182.6	1110.	34.82	.0000	11.58	7.291	2.140
#1	-1.560	-1.927	.6176	-1.175	-.1521	-.3651	37.29
#2	12.27	1.492	1.021	-1.175	-.1793	-.3293	38.44
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1379	-.6311	-.8006	3.714	8.626	-.3998	-.8633
SDev	.5084	1.1838	.0381	3.479	7.446	.0674	.2415
%RSD	368.6	187.6	4.759	93.65	86.33	16.86	27.97
#1	-.4974	-1.468	-.8275	1.255	3.360	-.4475	-1.034
#2	.2216	.2060	-.7736	6.174	13.89	-.3521	-.6926
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-180.9	-.0336	-.7198	-.5714	-449.5	-3.662	-.2759
SDev	38.0	.4044	.9888	.5764	1.7	2.675	.6331
%RSD	20.99	1202.	137.4	100.9	.3711	73.04	229.5
#1	-207.8	-.3196	-1.419	-.1639	-448.3	-1.771	-.7235
#2	-154.1	.2523	-.0207	-.9790	-450.6	-5.554	.1718
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.

Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.755	.6425	-1.274	1.110	-1.202	3.289	-2.726
SDev	.421	.8769	.404	.984	.010	1.054	.956
%RSD	24.00	136.5	31.72	88.66	.8231	32.06	35.08
#1	1.457	.0225	-1.560	.4141	-1.195	2.543	-3.402
#2	2.053	1.263	-.9885	1.806	-1.209	4.034	-2.050
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Units	ppb	ppb
Avge	-1.155	-.2907
SDev	.422	.6534
%RSD	36.57	224.8
#1	-.8562	.1713
#2	-1.454	-.7527
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	992	--	--	--	--	--	--
SDev	8.594860	--	--	--	--	--	--
%RSD	.8664589	--	--	--	--	--	--
#1	998	--	--	--	--	--	--
#2	986	--	--	--	--	--	--

Method: SW846 Sample Name: 460-7904-C-1-A Operator:
Run Time: 11/17/09 02:17:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-36.43	-2.394	1.656	2.425	-.0516	-.3918	307.6
SDev	5.04	1.874	.646	.018	.0308	.0911	1.9
%RSD	13.84	78.30	39.01	.7271	59.72	23.24	.6057
#1	-39.99	-1.069	1.199	2.413	-.0298	-.4562	306.3
#2	-32.86	-3.719	2.113	2.438	-.0733	-.3274	308.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1045	-.3838	-.3485	1.653	170.2	-.4596	-.4732
SDev	.1152	.6258	.1910	15.79	8.6	.0016	.0776
%RSD	110.3	163.0	54.80	955.1	5.042	.3418	16.39
#1	.0230	-.8263	-.4835	-9.511	164.1	-.4607	-.4183
#2	.1860	.0587	-.2135	12.82	176.2	-.4585	-.5280

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-123.1	-.0343	.5531	-1.740	409.1	-3.266	.3372
SDev	16.3	.0435	.5017	.164	121.5	1.012	.1627
%RSD	13.26	126.8	90.71	9.433	29.69	31.00	48.26
#1	-134.7	-.0651	.9079	-1.856	323.2	-3.981	.4522
#2	-111.6	-.0035	.1984	-1.624	495.0	-2.550	.2221
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.212	2.355	-.9497	1.825	-1.389	1.958	-.1526
SDev	.034	.250	.2758	3.092	.238	.365	.9344
%RSD	2.829	10.63	29.04	169.5	17.17	18.63	612.1
#1	1.187	2.532	-1.145	-.3618	-1.557	1.700	.5081
#2	1.236	2.178	-.7547	4.011	-1.220	2.216	-.8134
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-4.623	-.3107					
SDev	2.266	.8853					
%RSD	49.02	284.9					
#1	-6.225	.3153					
#2	-3.021	-.9367					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1024	--	--	--	--	--	--
SDev	5.016945	--	--	--	--	--	--
%RSD	.4897172	--	--	--	--	--	--
#1	1028	--	--	--	--	--	--
#2	1021	--	--	--	--	--	--

Method: SW846 Sample Name: 460-7904-C-3-A Operator:
Run Time: 11/17/09 02:23:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2535.	-3.972	3.911	613.1	-.0979	-1.805	60130.
SDev	3.	.958	1.173	.8	.0200	.135	98.
%RSD	.1319	24.11	30.00	.1276	20.43	7.479	.1631
#1	2537.	-4.649	3.081	612.6	-.0837	-1.900	60200.
#2	2532.	-3.295	4.740	613.7	-.1120	-1.709	60060.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.475	21.77	2.010	85100.	40780.	1981.	2.363
SDev	.181	.28	.515	108.	19.	3.	.150
%RSD	12.27	1.286	25.61	.1272	.0467	.1473	6.359
#1	1.347	21.96	1.646	85170.	40760.	1983.	2.256
#2	1.603	21.57	2.374	85020.	40790.	1979.	2.469

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4016.	.6614	-1.690	-.9044	109100.	-3.501	2.985
SDev	7.	.3802	.995	1.2615	174.	2.378	.236
%RSD	.1814	57.49	58.91	139.5	.1595	67.93	7.889
#1	4021.	.3926	-2.393	-1.796	109000.	-1.819	2.819
#2	4011.	.9303	-.9858	-.0124	109200.	-5.183	3.152

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.393	293.2	.4510	1.038	33.97	3.340	-4.205
SDev	.382	.5	1.805	2.554	.60	1.139	.924
%RSD	15.98	.1569	400.3	245.9	1.760	34.09	21.97

#1	2.122	292.9	-.8255	2.844	33.55	2.535	-4.858
#2	2.663	293.6	1.727	-.7673	34.40	4.145	-3.552

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.8664	-.9340
SDev	1.2396	2.5102
%RSD	143.1	268.7
#1	.0102	-2.709
#2	-1.743	.8409

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	992	--	--	--	--	--	--
SDev	.4666715	--	--	--	--	--	--
%RSD	.0470601	--	--	--	--	--	--
#1	991	--	--	--	--	--	--
#2	992	--	--	--	--	--	--

Method: SW846 Sample Name: 460-7904-C-4-A Operator:
Run Time: 11/17/09 02:29:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2406.	-3.191	4.441	617.9	-.1780	-1.839	60090.
SDev	1.	2.586	2.217	.9	.0198	.144	39.
%RSD	.0243	81.05	49.91	.1456	11.11	7.820	.0651
#1	2405.	-1.362	6.009	618.5	-.1640	-1.737	60070.
#2	2406.	-5.019	2.874	617.3	-.1920	-1.941	60120.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.438	21.43	1.161	85150.	40840.	1981.	2.046
SDev	.376	.00	.513	13.	28.	1.	1.047
%RSD	26.17	.0214	44.17	.0149	.0676	.0372	51.17
#1	1.172	21.43	1.523	85160.	40860.	1982.	1.306
#2	1.704	21.43	.7983	85140.	40830.	1980.	2.786
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4109.	.1965	-1.681	-3.812	109100.	-6.434	3.112
SDev	16.	.3253	.188	1.333	208.	1.625	.553
%RSD	.3836	165.5	11.15	34.97	.1902	25.26	17.76
#1	4098.	-.0335	-1.814	-4.755	109300.	-5.285	2.721
#2	4120.	.4265	-1.549	-2.869	109000.	-7.583	3.503
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.894	292.8	-.1981	.9357	33.69	3.538	-4.291
SDev	.169	1.1	.2234	2.284	2.56	.659	.610
%RSD	5.846	.3887	112.8	244.1	7.593	18.62	14.22
#1	2.775	293.6	-.3561	-.6791	31.88	4.003	-4.723
#2	3.014	292.0	-.0401	2.551	35.50	3.072	-3.860
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-6.201	-2.630
SDev	2.615	.693
%RSD	42.17	26.35
#1	-8.050	-3.120
#2	-4.352	-2.140
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	972	--	--	--	--	--	--
SDev	2.489030	--	--	--	--	--	--
%RSD	.2561705	--	--	--	--	--	--
#1	973	--	--	--	--	--	--
#2	970	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 263390 Operator:
Run Time: 11/17/09 02:36:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	130800.	1040.	5189.	10380.	1039.	2589.	130200.

SDev	77.	2.	1.	21.	2.	4.	393.
%RSD	.0590	.1644	.0256	.2058	.2225	.1650	.3019
#1	130800.	1041.	5190.	10390.	1037.	2586.	129900.
#2	130700.	1038.	5188.	10360.	1040.	2592.	130400.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5216.	2606.	12990.	103800.	130500.	5219.	2597.
SDev	14.	8.	14.	159.	40.	14.	3.
%RSD	.2648	.2914	.1093	.1534	.0310	.2591	.1124
#1	5207.	2601.	13000.	103700.	130500.	5210.	2595.
#2	5226.	2612.	12980.	103900.	130400.	5229.	2599.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51750.	1295.	10340.	5174.	129300.	5182.	2618.
SDev	47.	2.	60.	24.	85.	15.	5.
%RSD	.0909	.1192	.5759	.4677	.0658	.2810	.1810
#1	51790.	1294.	10300.	5157.	129400.	5172.	2615.
#2	51720.	1296.	10380.	5191.	129200.	5192.	2621.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2593.	1038.	2598.	1056.	10440.	10390.	10320.
SDev	12.	3.	2.	3.	4.	73.	53.
%RSD	.4518	.2487	.0951	.2544	.0429	.6998	.5137
#1	2584.	1036.	2596.	1058.	10430.	10340.	10280.
#2	2601.	1040.	2599.	1054.	10440.	10440.	10360.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5206.	5158.
SDev	45.	14.
%RSD	.8588	.2707
#1	5174.	5148.
#2	5237.	5168.
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	941	--	--	--	--	--	--
SDev	6.339232	--	--	--	--	--	--
%RSD	.6736535	--	--	--	--	--	--
#1	946	--	--	--	--	--	--
#2	937	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 11/17/09 02:42:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-27.23	.5407	1.377	-.1564	.0163	-.0672	-12.20
SDev	10.62	.9831	.964	1.4411	.0631	.1322	9.75
%RSD	38.99	181.8	69.95	921.4	388.2	196.6	79.92

#1	-19.72	-.1545	2.059	.8626	.0609	.0263	-5.305
#2	-34.74	1.236	.6961	-1.175	-.0284	-.1607	-19.09
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2620	-.3189	.5631	-6.735	1.244	-.0949	-.6004
SDev	.4298	.6327	1.054	6.878	7.860	.3815	.4023
%RSD	164.0	198.4	187.2	102.1	631.9	401.9	67.00
#1	.0419	.1285	1.309	-1.871	6.802	.1749	-.3159
#2	-.5659	-.7663	-.1824	-11.60	-4.314	-.3647	-.8848
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-173.6	-.4004	.8936	-.1430	-491.6	.2538	-.0311
SDev	38.0	.7771	.5479	1.4712	277.9	.3273	.4894
%RSD	21.91	194.1	61.31	1029.	56.52	128.9	1572.
#1	-146.7	.1491	1.281	.8973	-295.1	.4852	.3149
#2	-200.5	-.9499	.5062	-1.183	-688.0	.0224	-.3772
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.6291	.3932	-1.223	-1.491	-.3514	2.208	.2330
SDev	.5980	.3160	.239	2.102	.6722	.762	.4408
%RSD	95.06	80.36	19.52	140.9	191.3	34.53	189.2
#1	-.2062	.1698	-1.054	-.0051	.1239	2.747	.5447
#2	-1.052	.6166	-1.392	-2.977	-.8268	1.669	-.0786
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.063	.3057
SDev	4.283	.0672
%RSD	403.1	21.99
#1	1.966	.3532
#2	-4.091	.2582
Errors	NOCHECK	NOCHECK
High		

Low

IntStd	1	2	3	4	5	6	7

Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1010	--	--	--	--	--	--
SDev	6.417003	--	--	--	--	--	--
%RSD	.6353169	--	--	--	--	--	--
#1	1006	--	--	--	--	--	--
#2	1015	--	--	--	--	--	--

Method: SW846 Sample Name: 460-7904-C-5-A Operator:
Run Time: 11/17/09 02:48:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2253.	.9722	1.636	198.0	-.0444	-.4540	40480.
SDev	13.	.5083	.238	.2	.0010	.0632	21.
%RSD	.5959	52.29	14.55	.0985	2.252	13.92	.0507
#1	2243.	.6128	1.468	197.8	-.0451	-.4093	40500.
#2	2262.	1.332	1.805	198.1	-.0437	-.4987	40470.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.890	1.940	1.044	5236.	11550.	389.9	1.657
SDev	.088	.214	.682	1.	44.	.1	.793
%RSD	3.048	11.04	65.33	.0208	.3790	.0143	47.82
#1	2.827	2.091	1.526	5235.	11510.	390.0	1.097
#2	2.952	1.788	.5615	5237.	11580.	389.9	2.218
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4641.	1.307	-.1215	.1101	73820.	-.3072	4.855
SDev	22.	.187	.7869	2.151	361.	2.3372	.062
%RSD	.4746	14.35	647.4	1954.	.4896	760.7	1.285

#1	4626.	1.174	.4349	1.631	73570.	1.345	4.899
#2	4657.	1.439	-.6780	-1.411	74080.	-1.960	4.811
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.696	54.70	.5817	.5619	37.73	3.374	-1.871
SDev	.096	.24	.3131	.9861	.41	2.636	2.496
%RSD	1.682	.4425	53.83	175.5	1.082	78.13	133.4
#1	5.764	54.53	.3603	1.259	37.44	1.510	-.1063
#2	5.628	54.87	.8031	-.1354	38.02	5.238	-3.636
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.2294	.2691
SDev	4.7166	5.579
%RSD	2056.	2073.
#1	-3.565	4.214

#2	3.106	-3.676
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1009	--	--	--	--	--	--
SDev	.4666715	--	--	--	--	--	--
%RSD	.0462319	--	--	--	--	--	--
#1	1009	--	--	--	--	--	--
#2	1010	--	--	--	--	--	--

Method: SW846 Sample Name: 460-7906-A-1-A Operator:
Run Time: 11/17/09 02:55:00
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.915	.3533	.2617	-1.175	-.1305	-.0922	27.96
SDev	1.275	1.052	.4789	.000	.0136	.1321	.01
%RSD	32.57	297.6	183.0	.0000	10.45	143.2	.0419
#1	-4.816	1.097	.6003	-1.175	-.1401	-.1856	27.95
#2	-3.013	-.3903	-.0770	-1.175	-.1208	.0012	27.97
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3233	-.5490	-.1262	8.122	-3.968	-.4045	.1310
SDev	.1579	.0004	.3409	4.219	9.145	.0632	.0374
%RSD	48.84	.0649	270.2	51.95	230.4	15.62	28.53
#1	-.2117	-.5488	.1149	5.138	-10.43	-.4492	.1046
#2	-.4350	-.5493	-.3673	11.11	2.498	-.3598	.1574
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-227.9	-.1093	-.7390	-2.906	-334.3	-2.754	-.0090
SDev	4.0	.2575	.8560	2.263	89.5	.706	.0861
%RSD	1.774	235.5	115.8	77.87	26.78	25.64	958.5
#1	-230.8	.0728	-1.344	-4.506	-397.7	-3.253	.0519
#2	-225.1	-.2914	-.1338	-1.306	-271.0	-2.254	-.0698
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.659	1.084	-.4992	-.1110	-1.290	1.947	-2.085
SDev	.564	.108	.1758	1.3010	.000	2.644	.037
%RSD	21.22	9.927	35.21	1172.	.0108	135.8	1.763
#1	3.058	1.008	-.3749	-1.031	-1.290	.0776	-2.059
#2	2.260	1.160	-.6235	.8089	-1.290	3.817	-2.111
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-6.084	-1.330
SDev	4.508	1.143

%RSD	74.09	85.89
#1	-9.271	-2.138
#2	-2.896	-.5223
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1003	--	--	--	--	--	--
SDev	.1166571	--	--	--	--	--	--
%RSD	.0116269	--	--	--	--	--	--
#1	1003	--	--	--	--	--	--
#2	1003	--	--	--	--	--	--

Method: SW846 Sample Name: 460-7906-A-10-A Operator:
Run Time: 11/17/09 03:01:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	829.4	-.5732	1.817	119.1	-.1462	.0898	151300.
SDev	.6	1.6236	.585	.0	.0098	.1059	694.
%RSD	.0734	283.3	32.19	.0375	6.671	117.9	.4585
#1	829.0	-1.721	1.403	119.1	-.1531	.1647	151800.
#2	829.8	.5749	2.230	119.1	-.1393	.0150	150800.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	37.93	-.3219	6.668	205.9	50.14	11.10	2.021
SDev	.44	.3844	.335	8.1	1.19	.01	.483
%RSD	1.158	119.4	5.031	3.947	2.378	.1279	23.90
#1	37.62	-.0501	6.431	211.7	49.30	11.11	1.679
#2	38.24	-.5937	6.906	200.2	50.99	11.09	2.362
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8510.	-.3681	3.848	-.4117	41030.	-.5580	3.860
SDev	43.	.2087	1.147	.5297	281.	.6309	.052
%RSD	.5064	56.69	29.80	128.6	.6849	113.1	1.351
#1	8480.	-.2205	3.037	-.7863	40830.	-1.004	3.823
#2	8541.	-.5157	4.659	-.0372	41220.	-.1119	3.897
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.63	5.094	19.62	1.969	1.593	7.505	2.018
SDev	.42	.227	1.02	.984	.039	.679	1.381
%RSD	3.956	4.451	5.198	49.96	2.427	9.049	68.40
#1	10.93	5.254	20.35	2.664	1.621	7.025	1.042
#2	10.34	4.934	18.90	1.273	1.566	7.985	2.994
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-4.021	1.380
SDev	2.211	1.898
%RSD	54.97	137.5
#1	-2.458	.0378
#2	-5.585	2.722
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	980	--	--	--	--	--	--
SDev	1.166700	--	--	--	--	--	--
%RSD	.1190389	--	--	--	--	--	--
#1	979	--	--	--	--	--	--
#2	981	--	--	--	--	--	--

Method: SW846 Sample Name: 460-7906-A-11-A Operator:
Run Time: 11/17/09 03:07:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-16.24	.1829	1.064	-1.175	-.1022	-.4193	9.224
SDev	6.89	.4174	.380	.000	.0143	.1775	2.181
%RSD	42.41	228.2	35.73	.0000	14.02	42.34	23.65
#1	-11.37	-.1122	1.333	-1.175	-.1123	-.2937	10.77
#2	-21.11	.4781	.7952	-1.175	-.0920	-.5448	7.682
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0382	-.5067	-.7580	-6.760	-5.648	-.4515	-.4711
SDev	.0421	.0544	.1546	8.398	6.696	.0013	.0780
%RSD	110.3	10.74	20.40	124.2	118.5	.2923	16.56
#1	.0084	-.5452	-.8674	-12.70	-10.38	-.4505	-.5262
#2	.0680	-.4682	-.6487	-.8215	-.9139	-.4524	-.4159
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-214.1	-.1254	.1819	2.253	-378.7	-4.416	-.1125
SDev	13.8	.4465	1.241	.251	187.0	1.512	.3414
%RSD	6.436	356.2	682.1	11.15	49.38	34.23	303.4
#1	-223.8	.1904	-.6953	2.431	-510.9	-3.348	-.3540
#2	-204.3	-.4411	1.059	2.076	-246.5	-5.485	.1289

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3863	.0928	-.9490	.7542	-1.358	3.207	-1.333
SDev	.0805	.1089	.8740	.6161	.111	.483	2.101
%RSD	20.83	117.3	92.09	81.69	8.159	15.04	157.6
#1	.4432	.1699	-.3310	1.190	-1.436	3.549	-2.819
#2	.3294	.0158	-1.567	.3186	-1.279	2.866	.1525

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	5000.	2000.	5000.	2000.	20000.
Low	-30.00	-10.00	-10.00	-10.00	-10.00

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4.072	1.335
SDev	.865	.056
%RSD	21.25	4.162
#1	4.684	1.296
#2	3.460	1.374

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1010	--	--	--	--	--	--
SDev	3.422416	--	--	--	--	--	--
%RSD	.3389756	--	--	--	--	--	--
#1	1007	--	--	--	--	--	--
#2	1012	--	--	--	--	--	--

Method: SW846 Sample Name: 460-7906-A-2-A Operator:
Run Time: 11/17/09 03:13:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-14.81	-.9894	1.967	83.55	-.1469	-.1879	64570.
SDev	.43	1.6399	.755	.07	.0169	.0598	32.
%RSD	2.921	165.7	38.36	.0889	11.48	31.81	.0493
#1	-14.50	-2.149	2.501	83.60	-.1350	-.2302	64600.
#2	-15.11	.1702	1.433	83.50	-.1589	-.1457	64550.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0680	-.8047	.8326	7.609	13690.	5.351	-.0449
SDev	.6100	.6390	.3495	9.077	2.	.072	.0872
%RSD	897.4	79.41	41.98	119.3	.0164	1.348	194.3

#1	-.4993	-1.257	.5854	1.191	13690.	5.300	-.1066
#2	.3634	-.3529	1.080	14.03	13690.	5.402	.0168

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1627.	-.2016	1.310	-1.609	17430.	-5.514	2.764
SDev	8.	.6691	.421	.938	170.	4.075	.497
%RSD	.5169	331.9	32.13	58.31	.9768	73.91	17.98
#1	1621.	-.6747	1.012	-.9455	17310.	-2.632	2.413
#2	1633.	.2716	1.607	-2.272	17550.	-8.396	3.115

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.382	128.6	.9687	1.978	-1.873	3.496	.2136
SDev	.190	.9	.7170	2.384	.033	.761	1.011
%RSD	5.621	.6811	74.02	120.5	1.768	21.77	473.2
#1	3.517	128.0	1.476	.2923	-1.896	4.034	-.5011
#2	3.248	129.2	.4616	3.664	-1.849	2.958	.9283

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.549	-1.150
SDev	1.480	.668
%RSD	58.06	58.06
#1	-1.502	-.6779
#2	-3.595	-1.622

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1005	--	--	--	--	--	--
SDev	1.400058	--	--	--	--	--	--
%RSD	.1393681	--	--	--	--	--	--
#1	1006	--	--	--	--	--	--
#2	1004	--	--	--	--	--	--

Method: SW846 Sample Name: 460-7906-A-3-A Operator:
Run Time: 11/17/09 03:20:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-15.79	-1.362	4.090	89.42	-.1329	-.3917	59360.
SDev	3.38	.754	.416	.26	.0078	.0719	238.
%RSD	21.41	55.36	10.18	.2870	5.884	18.35	.4005
#1	-18.18	-.8288	3.796	89.24	-.1384	-.4425	59190.
#2	-13.40	-1.895	4.385	89.60	-.1274	-.3408	59520.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2338	-.8617	-.0501	57.12	12700.	21.14	-.5661
SDev	.0472	.1593	.0146	23.39	66.	.19	.6866
%RSD	20.17	18.49	29.09	40.94	.5171	.8993	121.3
#1	-.2672	-.9743	-.0604	73.66	12650.	21.01	-.0806
#2	-.2005	-.7490	-.0398	40.59	12740.	21.27	-1.052
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1721.	-.2554	.2480	.5009	20270.	-3.801	2.797
SDev	10.	.3233	1.448	1.156	4.	2.497	.310
%RSD	.6027	126.6	583.9	230.7	.0183	65.70	11.10
#1	1714.	-.0268	-.7758	-.3163	20270.	-5.567	3.017
#2	1728.	-.4841	1.272	1.318	20270.	-2.035	2.578
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.764	209.1	1.687	.6978	-1.897	3.003	-1.131

SDev	.091	2.1	.623	2.553	.187	1.923	1.213
%RSD	2.423	.9877	36.92	365.8	9.831	64.04	107.2
#1	3.699	207.6	2.127	-1.107	-1.765	1.643	-1.988
#2	3.828	210.5	1.247	2.503	-2.029	4.363	-.2733
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.083	2.279
SDev	1.471	.998
%RSD	47.71	43.80
#1	-4.123	1.573
#2	-2.043	2.985
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	989	--	--	--	--	--	--
SDev	2.800159	--	--	--	--	--	--
%RSD	.2832692	--	--	--	--	--	--
#1	990	--	--	--	--	--	--
#2	987	--	--	--	--	--	--

Method: SW846 Sample Name: 460-7906-A-4-A Operator:
Run Time: 11/17/09 03:26:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-13.29	-.9727	4.751	91.19	-.1223	-.3613	60260.
SDev	4.45	.2598	.793	.32	.0218	.0585	424.
%RSD	33.46	26.71	16.70	.3546	17.81	16.20	.7034

#1	-16.44	-.7890	4.190	90.96	-.1069	-.3199	59960.
#2	-10.15	-1.156	5.312	91.41	-.1377	-.4027	60560.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1533	-1.016	.1934	85.38	12970.	21.81	-.1798
SDev	.2955	.385	.0189	3.23	92.	.27	.2120
%RSD	192.7	37.89	9.759	3.787	.7124	1.243	117.9
#1	.0556	-.7440	.1800	87.67	12910.	21.62	-.3298
#2	-.3623	-1.288	.2067	83.10	13040.	22.00	-.0299

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1758.	-.0025	-.2271	-.9610	20790.	-5.623	2.685
SDev	12.	.3022	.9942	1.4955	206.	1.626	.066
%RSD	.6706	12060.	437.7	155.6	.9899	28.91	2.474
#1	1750.	.2112	.4759	.0965	20640.	-4.474	2.732
#2	1767.	-.2162	-.9301	-2.018	20940.	-6.773	2.638

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.817	213.4	2.300	2.896	-1.667	3.243	-1.964
SDev	.492	.1	.319	.590	.151	2.825	2.901
%RSD	27.06	.0698	13.89	20.37	9.035	87.09	147.7
#1	1.470	213.3	2.526	2.479	-1.561	1.246	.0868
#2	2.165	213.5	2.074	3.313	-1.774	5.241	-4.016

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-4.266	.6784
SDev	1.967	1.260
%RSD	46.11	185.7
#1	-2.875	1.569
#2	-5.657	-.2126

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7

Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	989	--	--	--	--	--	--
SDev	3.461302	--	--	--	--	--	--
%RSD	.3500445	--	--	--	--	--	--
#1	991	--	--	--	--	--	--
#2	986	--	--	--	--	--	--

Method: SW846 Sample Name: 460-7906-A-5-A Operator:
Run Time: 11/17/09 03:32:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-8.075	.5291	5.156	128.3	-.1205	-.4745	67030.
SDev	1.399	.9650	.892	.0	.0188	.0891	130.
%RSD	17.32	182.4	17.29	.0317	15.63	18.78	.1936
#1	-7.086	1.211	4.526	128.3	-.1339	-.5375	67120.
#2	-9.064	-.1533	5.787	128.4	-.1072	-.4115	66940.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3734	-.6001	1.053	-9.788	14600.	57.84	-.3681
SDev	.3586	.0558	.326	2.814	27.	.01	.3251
%RSD	96.04	9.290	30.93	28.75	.1819	.0132	88.32
#1	-.6270	-.6396	.8231	-11.78	14610.	57.84	-.5979
#2	-.1198	-.5607	1.284	-7.798	14580.	57.83	-.1382
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1706.	.0430	-.4435	-1.944	24150.	-1.846	2.095
SDev	5.	.3603	.3960	2.045	19.	4.064	.024
%RSD	.3156	838.8	89.28	105.2	.0767	220.1	1.144
#1	1710.	-.2118	-.1635	-3.390	24160.	-4.719	2.078
#2	1702.	.2977	-.7235	-.4977	24130.	1.027	2.111

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.354	141.0	22.91	1.065	-1.670	2.690	-2.012
SDev	.045	.1	.73	4.152	.252	1.881	.345
%RSD	.7047	.0762	3.168	389.7	15.11	69.90	17.15
#1	6.322	141.1	22.39	-1.870	-1.849	4.020	-2.257
#2	6.385	140.9	23.42	4.001	-1.492	1.360	-1.768
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-9.948	2.042
SDev	.920	2.607
%RSD	9.246	127.7
#1	-10.60	.1981
#2	-9.298	3.885
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1008	--	--	--	--	--	--
SDev	2.294558	--	--	--	--	--	--
%RSD	.2276940	--	--	--	--	--	--
#1	1006	--	--	--	--	--	--
#2	1009	--	--	--	--	--	--

Method: SW846 Sample Name: ICSA 263392 Operator:
Run Time: 11/17/09 03:38:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	488200.	-2.319	.6886	-.1405	-.2971	-2.761	478300.
SDev	394.	.541	1.753	.1038	.0018	.048	1580.
%RSD	.0807	23.34	254.6	73.83	.6034	1.735	.3304
#1	488400.	-2.702	1.928	-.0672	-.2958	-2.727	479400.
#2	487900.	-1.936	-.5511	-.2139	-.2983	-2.795	477200.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	10.00	10.00	20.00	5.000	4.000	600000.
Low	400000.	-10.00	-10.00	-20.00	-5.000	-4.000	400000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0174	2.306	4.373	203500.	536300.	-3.512	-1.931
SDev	.4574	.176	.178	654.	158.	.145	.254
%RSD	2637.	7.623	4.074	.3213	.0295	4.128	13.17
#1	-.3408	2.182	4.499	204000.	536400.	-3.614	-1.751
#2	.3061	2.431	4.247	203100.	536200.	-3.409	-2.111
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	5.000	20.00	240000.	600000.	9.900	10.00
Low	-10.00	-5.000	-10.00	160000.	400000.	-9.900	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-143.5	-1.130	2.390	-7.646	-698.6	-1.157	2.966
SDev	5.4	.436	.798	5.301	187.3	1.332	.042
%RSD	3.763	38.58	33.37	69.33	26.81	115.2	1.426
#1	-147.4	-.8214	1.826	-3.898	-831.0	-2.098	2.996
#2	-139.7	-1.438	2.954	L-11.39	-566.1	-.2148	2.936
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	6.000	10.00	1000.	10.00	10.00
Low	-1000.	-10.00	-6.000	-10.00	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3310	-2.593	-.1493	-2.939	-5.705	32.84	-12.82
SDev	.8285	.702	.0815	.008	.037	2.28	.06
%RSD	250.3	27.08	54.59	.2818	.6426	6.948	.4428
#1	-.2549	-2.096	-.0917	-2.933	-5.731	31.23	-12.86
#2	.9168	-3.089	-.2070	-2.945	-5.680	34.45	-12.78
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	20.00	15.00	20.00	40.00	20.00		
Low	-20.00	-15.00	-20.00	-40.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-6.690	-8.135
SDev	5.934	4.985
%RSD	88.71	61.27
#1	-2.494	-4.611

#2	-10.89	-11.66					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	924	--	--	--	--	--	--
SDev	.7000288	--	--	--	--	--	--
%RSD	.0757562	--	--	--	--	--	--
#1	925	--	--	--	--	--	--
#2	924	--	--	--	--	--	--

Method: SW846 Sample Name: ICSAB 263394 Operator:
Run Time: 11/17/09 03:45:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	484900.	97.46	102.2	106.9	99.53	97.14	473400.
SDev	425.	1.29	2.0	.3	.18	.13	1115.
%RSD	.0877	1.323	1.930	.2792	.1857	.1357	.2356
#1	484600.	96.55	103.6	106.6	99.66	97.05	474200.
#2	485200.	98.37	100.8	107.1	99.40	97.23	472600.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	120.0	120.0	120.0	120.0	120.0	600000.
Low	400000.	80.00	80.00	80.00	80.00	80.00	400000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	99.78	100.8	110.1	201100.	529900.	97.87	96.72
SDev	.03	.7	.1	316.	357.	.30	.32
%RSD	.0290	.7392	.0815	.1574	.0673	.3042	.3269
#1	99.80	101.4	110.2	201300.	529700.	98.08	96.94
#2	99.76	100.3	110.0	200900.	530200.	97.66	96.49
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	120.0	120.0	120.0	240000.	600000.	120.0	120.0
Low	80.00	80.00	80.00	160000.	400000.	80.00	80.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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Avge	11120.	103.9	100.7	91.08	11020.	93.17	103.9
SDev	5.	.2	1.0	4.66	107.	.48	.0
%RSD	.0474	.1840	.9491	5.112	.9690	.5154	.0136
#1	11110.	104.1	101.4	87.79	11100.	93.51	103.9
#2	11120.	103.8	100.1	94.38	10950.	92.83	103.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	12000.	120.0	120.0	120.0	12000.	120.0	120.0
Low	8000.	80.00	80.00	80.00	8000.	80.00	80.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	101.6	99.36	99.32	94.35	98.60	129.4	86.45
SDev	.5	.01	1.26	5.48	.09	3.1	.11
%RSD	.4983	.0110	1.270	5.810	.0952	2.383	.1222
#1	101.3	99.35	98.42	90.47	98.67	131.5	86.37
#2	102.0	99.37	100.2	98.22	98.54	127.2	86.52

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	120.0	120.0	120.0	120.0	120.0		
Low	80.00	80.00	80.00	80.00	80.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	95.77	88.73
SDev	8.31	2.83
%RSD	8.681	3.190
#1	89.89	86.73
#2	101.6	90.73

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	929	--	--	--	--	--	--
SDev	3.694616	--	--	--	--	--	--
%RSD	.3977549	--	--	--	--	--	--
#1	926	--	--	--	--	--	--
#2	931	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 263390 Operator:
Run Time: 11/17/09 03:51:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	125600.	999.0	4997.	9942.	997.8	2493.	125100.
SDev	264.	7.6	14.	28.	.6	2.	68.
%RSD	.2106	.7574	.2844	.2793	.0589	.0647	.0541
#1	125400.	993.6	4987.	9923.	997.4	2492.	125100.
#2	125800.	1004.	5007.	9962.	998.2	2494.	125000.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5008.	2507.	12480.	99640.	125000.	5022.	2495.
SDev	3.	2.	37.	63.	228.	2.	.
%RSD	.0655	.0746	.2942	.0633	.1823	.0309	.0186
#1	5006.	2506.	12450.	99590.	124900.	5021.	2496.
#2	5011.	2509.	12510.	99680.	125200.	5023.	2495.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49580.	1243.	9945.	4980.	124700.	4987.	2515.
SDev	209.	1.	2.	3.	463.	1.	.
%RSD	.4221	.0494	.0239	.0667	.3711	.0223	.0140
#1	49430.	1242.	9947.	4978.	124400.	4986.	2515.
#2	49730.	1243.	9944.	4982.	125100.	4988.	2515.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	2499.	1000.	2496.	1014.	10010.	9982.	9927.
SDev	1.	2.	8.	2.	12.	1.	4.
%RSD	.0369	.1763	.3041	.2208	.1173	.0073	.0396
#1	2500.	998.8	2491.	1016.	10000.	9981.	9930.
#2	2499.	1001.	2502.	1013.	10020.	9983.	9924.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem 1960/1 1960/2 □□Analysis Report 11/17/09 03:57:45 AM page 264

Units	ppb	ppb
Avge	5020.	4960.
SDev	3.	4.
%RSD	.0516	.0743
#1	5018.	4958.
#2	5022.	4963.
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	983	--	--	--	--	--	--
SDev	.5444429	--	--	--	--	--	--
%RSD	.0553881	--	--	--	--	--	--
#1	983	--	--	--	--	--	--
#2	983	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 11/17/09 03:57:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.430	-1.380	1.366	.1896	-.0373	-.1362	-1.022
SDev	6.867	3.789	.498	.0002	.0142	.0683	2.647
%RSD	106.8	274.5	36.48	.1119	38.00	50.12	259.0
#1	11.29	1.299	1.718	.1895	-.0273	-.0879	.8498
#2	1.575	-4.060	1.014	.1898	-.0473	-.1845	-2.893
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1622	-.5155	.1286	2.659	6.386	-.1794	-.6482
SDev	.0678	.0545	.3432	10.58	.611	.0001	.3127
%RSD	41.83	10.57	266.8	397.8	9.565	.0602	48.24
#1	-.1142	-.5541	-.1141	10.14	6.818	-.1795	-.4271
#2	-.2101	-.4770	.3713	-4.821	5.954	-.1793	-.8693

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-179.5	.1757	1.168	-.3725	-707.4	2.197	-.1197
SDev	2.4	.1631	.736	1.7217	73.1	.187	.5371
%RSD	1.340	92.85	63.00	462.2	10.34	8.531	448.9

#1	-181.2	.0603	.6475	-1.590	-759.1	2.065	-.4995
#2	-177.8	.2911	1.688	.8449	-655.7	2.330	.2601
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5414	-.4364	-1.024	2.033	-.6093	2.849	.3241
SDev	.4993	.2156	.380	1.163	.1791	.188	1.197
%RSD	92.22	49.41	37.12	57.22	29.39	6.599	369.3
#1	-.8944	-.5889	-1.292	1.210	-.4827	2.982	-.5222
#2	-.1883	-.2839	-.7550	2.855	-.7360	2.716	1.170
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	.4494	-.7933					
SDev	1.693	3.4265					
%RSD	376.7	431.9					
#1	1.646	-3.216					
#2	-.7477	1.630					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1001	--	--	--	--	--	--
SDev	.1555859	--	--	--	--	--	--
%RSD	.0155456	--	--	--	--	--	--
#1	1001	--	--	--	--	--	--
#2	1001	--	--	--	--	--	--

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq: 8	14:38:11 19 Nov 09	HG		
Hg	.000	ppb	2238					
		Bkgd 1	7433771					
*** Standard: 2 Rep: 1				Seq: 9	14:39:55 19 Nov 09	HG		
Hg	.100	ppb	4877					
		Bkgd 1	7432817					
*** Standard: 3 Rep: 1				Seq: 10	14:41:42 19 Nov 09	HG		
Hg	1.00	ppb	46929					
		Bkgd 1	7433257					
*** Standard: 4 Rep: 1				Seq: 11	14:43:25 19 Nov 09	HG		
Hg	2.00	ppb	89907					
		Bkgd 1	7432695					
*** Standard: 5 Rep: 1				Seq: 12	14:45:10 19 Nov 09	HG		
Hg	5.00	ppb	218883					
		Bkgd 1	7432551					
*** Standard: 6 Rep: 1				Seq: 13	14:46:55 19 Nov 09	HG		
Hg	10.0	ppb	412469					
		Bkgd 1	7431117					
*** Check Standard: 3			Ck3AICV	Seq: 14	14:50:02 19 Nov 09	HG		
Line	Flag		Intensities					
Hg			218325					
		Bkgd 1	7433054					
*** Check Standard: 1			Ck1ICB/CCB	Seq: 15	14:51:45 19 Nov 09	HG		
Line	Flag		Intensities					
Hg			27					
		Bkgd 1	7429824					
*** Check Standard: 4			Ck4QCS	Seq: 16	14:53:29 19 Nov 09	HG		
Line	Flag		Intensities					
Hg			219358					
		Bkgd 1	7431228					

Folder: 23168hg2 Page 1999
Protocol: 245_7470
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 460-7958-D-3-B				Seq: 17	14:55:29 19 Nov 09	HG		
Hg	-.102	ppb	597					
		Bkgd 1	7430175					
*** Sample ID: 460-7958-D-4-B				Seq: 18	14:57:27 19 Nov 09	HG		

```
Hg   -.101    ppb      632
              Bkgd 1   7430173

*** Sample ID:                        Seq:  19     14:59:31 19 Nov 09   HG
                          460-7958-D-5-B
Hg   -.093    ppb      957
              Bkgd 1   7430718

*** Sample ID:                        Seq:  20     15:01:15 19 Nov 09   HG
                          460-7968-D-1-D
Hg   -.088    ppb      1162
              Bkgd 1   7431318

*** Sample ID:                        Seq:  21     15:03:00 19 Nov 09   HG
                          460-7968-A-3-B
Hg   -.106    ppb      411
              Bkgd 1   7422358

*** Sample ID:                        Seq:  22     15:04:44 19 Nov 09   HG
                          460-7968-D-4-B
Hg   -.094    ppb      918
              Bkgd 1   7423947

*** Sample ID:                        Seq:  23     15:06:51 19 Nov 09   HG
                          460-7914-B-1-B
Hg   -.084    ppb      1309
              Bkgd 1   7424925

*** Sample ID:                        Seq:  24     15:08:37 19 Nov 09   HG
                          460-7941-E-8-B
Hg   -.065    ppb      2116
              Bkgd 1   7425323

*** Sample ID:                        Seq:  25     15:10:23 19 Nov 09   HG
                          sd 460-7968-D-2-B@5
Hg   -.095    ppb      858
              Bkgd 1   7430891

                              Folder:   23168hg2                    Page 1999
                              Protocol: 245_7470
                             ***POST-RUN REPORT***
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Check Standard: 2  Ck2ACCV      Seq:  26     15:12:08 19 Nov 09   HG
Line  Flag             Intensities
Hg                     221846
              Bkgd 1   7430865

*** Check Standard: 1  Ck1ICB/CCB   Seq:  27     15:14:03 19 Nov 09   HG
Line  Flag             Intensities
Hg                     965
              Bkgd 1   7429758

*** Sample ID:                        Seq:  28     15:16:21 19 Nov 09   HG
                          MB 460-23174/1-A
Hg   -.071    ppb      1852
              Bkgd 1   7429173

*** Sample ID:                        Seq:  29     15:18:15 19 Nov 09   HG
                          LCS 460-23174/2-A
Hg    1.04    ppb      47716
              Bkgd 1   7427996
```

*** Sample ID: Seq: 30 15:21:20 19 Nov 09 HG
460-7904-C-2-E
Hg .358 ppb 19559
Bkgd 1 7428151

*** Sample ID: Seq: 31 15:23:13 19 Nov 09 HG
460-7904-A-2-E DU
Hg .362 ppb 19705
Bkgd 1 7427866

*** Sample ID: Seq: 32 15:24:57 19 Nov 09 HG
460-7904-C-2-F MS
Hg 1.61 ppb 71321
Bkgd 1 7426991

*** Sample ID: Seq: 33 15:26:42 19 Nov 09 HG
460-8062-K-7-B
Hg -.096 ppb 843
Bkgd 1 7426312

*** Sample ID: Seq: 34 15:28:28 19 Nov 09 HG
460-7891-A-1-B
Hg -.073 ppb 1789
Bkgd 1 7425495

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 35 15:30:44 19 Nov 09 HG
460-7891-A-2-B
Hg .376 ppb 20314
Bkgd 1 7425953

*** Check Standard: 2 Ck2ACCV Seq: 36 15:32:29 19 Nov 09 HG
Line Flag Intensities
Hg 217660
Bkgd 1 7426222

*** Check Standard: 1 Ck1ICB/CCB Seq: 37 15:34:24 19 Nov 09 HG
Line Flag Intensities
Hg 455
Bkgd 1 7424585

*** Sample ID: Seq: 38 15:36:09 19 Nov 09 HG
460-7891-A-3-B
Hg -.034 ppb 3405
Bkgd 1 7425115

*** Sample ID: Seq: 39 15:37:56 19 Nov 09 HG
460-7891-A-4-B
Hg -.056 ppb 2496
Bkgd 1 7423955

*** Sample ID: Seq: 40 15:39:43 19 Nov 09 HG
460-7904-C-1-C
Hg -.080 ppb 1493
Bkgd 1 7424288

*** Sample ID: Seq: 41 15:41:37 19 Nov 09 HG
460-7904-C-3-C
Hg -.071 ppb 1857

```
             Bkgd 1   7423841

*** Sample ID:                        Seq:  42     15:43:31 19 Nov 09   HG
                          460-7904-C-4-C
Hg   -.051    ppb      2687
             Bkgd 1   7423359

*** Sample ID:                        Seq:  43     15:45:35 19 Nov 09   HG
                          460-7904-C-5-C
Hg   -.084    ppb      1333
             Bkgd 1   7421350
```



```
*** Sample ID:                        Seq:  44     15:47:18 19 Nov 09   HG
                          460-7947-G-1-B
Hg   -.085    ppb      1281
             Bkgd 1   7420868

*** Sample ID:                        Seq:  45     15:49:13 19 Nov 09   HG
                          460-7947-E-2-B
Hg   -.098    ppb      729
             Bkgd 1   7421303

*** Check Standard: 2  Ck2ACCV      Seq:  46     15:50:56 19 Nov 09   HG
Line  Flag             Intensities
Hg                     219483
             Bkgd 1   7422279

*** Check Standard: 1  Ck1ICB/CCB   Seq:  47     15:52:39 19 Nov 09   HG
Line  Flag             Intensities
Hg                     568
             Bkgd 1   7421237

*** Sample ID:                        Seq:  48     15:54:24 19 Nov 09   HG
                          460-7947-G-20-D
Hg   -.097    ppb      800
             Bkgd 1   7421192

*** Sample ID:                        Seq:  49     15:56:18 19 Nov 09   HG
                          460-7947-G-21-B
Hg   -.104    ppb      521
             Bkgd 1   7422073

*** Sample ID:                        Seq:  50     15:58:06 19 Nov 09   HG
                          460-7950-C-14-B
Hg    .186    ppb      12455
             Bkgd 1   7423071

*** Sample ID:                        Seq:  51     16:00:15 19 Nov 09   HG
                          460-7951-E-1-B
Hg   -.072    ppb      1818
             Bkgd 1   7421635

*** Sample ID:                        Seq:  52     16:02:16 19 Nov 09   HG
                          460-7951-E-3-B
Hg   -.103    ppb      533
             Bkgd 1   7420949
```

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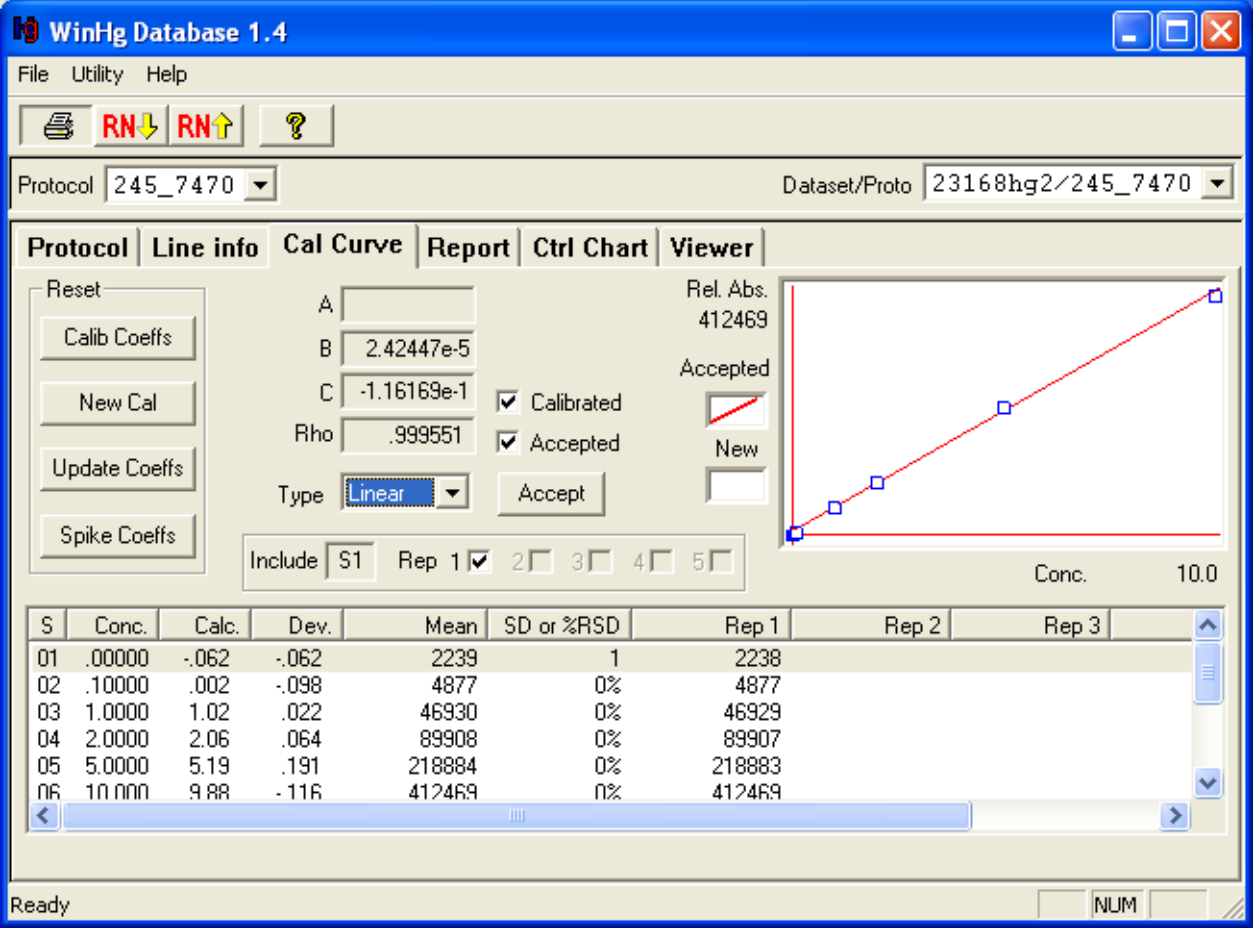
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 53	16:04:00 19 Nov 09	HG		
				460-7951-E-4-B				
Hg	-.072	ppb	1819					
		Bkgd 1	7421794					
*** Sample ID:				Seq: 54	16:05:45 19 Nov 09	HG		
				460-7951-D-5-B				
Hg	-.104	ppb	487					
		Bkgd 1	7420752					
*** Sample ID:				Seq: 55	16:07:29 19 Nov 09	HG		
				460-8069-J-4-A				
Hg	-.111	ppb	232					
		Bkgd 1	7421079					
*** Sample ID:				Seq: 56	16:09:14 19 Nov 09	HG		
				sd 460-7904-C-2-E				
Hg	.004	ppb	4962					
		Bkgd 1	7421608					
*** Check Standard: 2			Ck2ACCV	Seq: 57	16:10:57 19 Nov 09	HG		
Line	Flag		Intensities					
Hg			218821					
		Bkgd 1	7420142					
*** Check Standard: 1			Ck1ICB/CCB	Seq: 58	16:12:42 19 Nov 09	HG		
Line	Flag		Intensities					
Hg			-341					
		Bkgd 1	7417399					


WinHg Database 1.4
File Utility Help
RN RN
Protocol 245_7470
Dataset/Proto 23168hg2/245_7470
Protocol Line info Cal Curve Report Ctrl Chart Viewer
Reset
Calib Coeffs
New Cal
Update Coeffs
Spike Coeffs
A
B 2.42447e-5
C -1.16169e-1
Rho .999551
Type Linear
Calibrated
Accepted
Accept
Rel. Abs. 412469
Accepted
New
Include S1 Rep 1 2 3 4 5
Conc. 10.0
S Conc. Calc. Dev. Mean SD or %RSD Rep 1 Rep 2 Rep 3
01 .00000 -.062 -.062 2239 1 2238
02 .10000 .002 -.098 4877 0% 4877
03 1.0000 1.02 .022 46930 0% 46929
04 2.0000 2.06 .064 89908 0% 89907
05 5.0000 5.19 .191 218884 0% 218883
06 10.000 9.88 -.116 412469 0% 412469
Ready
NUM

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1 Seq: 8 14:38:11 19 Nov 09 HG

Hg .000 ppb 2238

*** Standard: 2 Rep: 1 Seq: 9 14:39:55 19 Nov 09 HG

Hg .100 ppb 4877

*** Standard: 3 Rep: 1 Seq: 10 14:41:42 19 Nov 09 HG

Hg 1.00 ppb 46929

*** Standard: 4 Rep: 1 Seq: 11 14:43:25 19 Nov 09 HG

Hg 2.00 ppb 89907

*** Standard: 5 Rep: 1 Seq: 12 14:45:10 19 Nov 09 HG

Hg 5.00 ppb 218883

*** Standard: 6 Rep: 1 Seq: 13 14:46:55 19 Nov 09 HG

Hg 10.0 ppb 412469

*** Check Standard: 3 Ck3AICV Seq: 14 14:50:02 19 Nov 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.	5.18	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 15 14:51:45 19 Nov 09 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.116	.200	ppb	.000

*** Check Standard: 4 Ck4QCS Seq: 16 14:53:29 19 Nov 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.	5.20	5.00	ppb	.000

*** Sample ID: Seq: 17 14:55:29 19 Nov 09 HG
460-7958-D-3-B

Hg -.102 ppb .000 -.102

*** Sample ID: Seq: 18 14:57:27 19 Nov 09 HG
460-7958-D-4-B

Hg -.101 ppb .000 -.101

*** Sample ID: Seq: 19 14:59:31 19 Nov 09 HG
460-7958-D-5-B

Hg -.093 ppb .000 -.093

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Protocol: 245_7470
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 20 15:01:15 19 Nov 09 HG
460-7968-D-1-D

Hg -.088 ppb .000 -.088

```
*** Sample ID:                          Seq:  21     15:03:00 19 Nov 09   HG
                          460-7968-A-3-B
Hg   -.106    ppb       .000      -.106

*** Sample ID:                          Seq:  22     15:04:44 19 Nov 09   HG
                          460-7968-D-4-B
Hg   -.094    ppb       .000      -.094

*** Sample ID:                          Seq:  23     15:06:51 19 Nov 09   HG
                          460-7914-B-1-B
Hg   -.084    ppb       .000      -.084

*** Sample ID:                          Seq:  24     15:08:37 19 Nov 09   HG
                          460-7941-E-8-B
Hg   -.065    ppb       .000      -.065

*** Sample ID:                          Seq:  25     15:10:23 19 Nov 09   HG
                          sd 460-7968-D-2-B@5
Hg   -.095    ppb       .000      -.095

*** Check Standard: 2  Ck2ACCV       Seq:  26      15:12:08 19 Nov 09   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          105.     5.26    5.00   ppb         .000

*** Check Standard: 1  Ck1ICB/CCB    Seq:  27      15:14:03 19 Nov 09   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.093     .200     ppb         .000

*** Sample ID:                          Seq:  28     15:16:21 19 Nov 09   HG
                          MB 460-23174/1-A
Hg   -.071    ppb       .000      -.071

*** Sample ID:                          Seq:  29     15:18:15 19 Nov 09   HG
                          LCS 460-23174/2-A
Hg    1.04    ppb       .000       1.04

*** Sample ID:                          Seq:  30     15:21:20 19 Nov 09   HG
                          460-7904-C-2-E
Hg    .358    ppb       .000       .358

*** Sample ID:                          Seq:  31     15:23:13 19 Nov 09   HG
                          460-7904-A-2-E DU
Hg    .362    ppb       .000       .362

                              Folder:   23168hg2                    Page 1999
                              Protocol: 245_7470
                             ***POST-RUN REPORT***
Line   Conc.  Units     SD/RSD      1       2       3       4       5
--------------------------------------------------------------------------------

*** Sample ID:                          Seq:  32     15:24:57 19 Nov 09   HG
                          460-7904-C-2-F MS
Hg    1.61    ppb       .000       1.61

*** Sample ID:                          Seq:  33     15:26:42 19 Nov 09   HG
                          460-8062-K-7-B
Hg   -.096    ppb       .000      -.096

*** Sample ID:                          Seq:  34     15:28:28 19 Nov 09   HG
                          460-7891-A-1-B
Hg   -.073    ppb       .000      -.073

*** Sample ID:                          Seq:  35     15:30:44 19 Nov 09   HG
                          460-7891-A-2-B
```

```
Hg    .376    ppb       .000      .376

*** Check Standard: 2  Ck2ACCV      Seq:  36      15:32:29 19 Nov 09   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          103.     5.16    5.00   ppb        .000

*** Check Standard: 1  Ck1ICB/CCB   Seq:  37      15:34:24 19 Nov 09   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.105     .200     ppb        .000

*** Sample ID:                        Seq:  38     15:36:09 19 Nov 09   HG
                          460-7891-A-3-B
Hg   -.034    ppb       .000     -.034

*** Sample ID:                        Seq:  39     15:37:56 19 Nov 09   HG
                          460-7891-A-4-B
Hg   -.056    ppb       .000     -.056

*** Sample ID:                        Seq:  40     15:39:43 19 Nov 09   HG
                          460-7904-C-1-C
Hg   -.080    ppb       .000     -.080

*** Sample ID:                        Seq:  41     15:41:37 19 Nov 09   HG
                          460-7904-C-3-C
Hg   -.071    ppb       .000     -.071

*** Sample ID:                        Seq:  42     15:43:31 19 Nov 09   HG
                          460-7904-C-4-C
Hg   -.051    ppb       .000     -.051

*** Sample ID:                        Seq:  43     15:45:35 19 Nov 09   HG
                          460-7904-C-5-C
Hg   -.084    ppb       .000     -.084

                              Folder:   23168hg2                    Page 1999
                              Protocol: 245_7470
                             ***POST-RUN REPORT***
Line   Conc.  Units     SD/RSD      1       2       3       4       5
--------------------------------------------------------------------------------

*** Sample ID:                        Seq:  44     15:47:18 19 Nov 09   HG
                          460-7947-G-1-B
Hg   -.085    ppb       .000     -.085

*** Sample ID:                        Seq:  45     15:49:13 19 Nov 09   HG
                          460-7947-E-2-B
Hg   -.098    ppb       .000     -.098

*** Check Standard: 2  Ck2ACCV      Seq:  46      15:50:56 19 Nov 09   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          104.     5.21    5.00   ppb        .000

*** Check Standard: 1  Ck1ICB/CCB   Seq:  47      15:52:39 19 Nov 09   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.102     .200     ppb        .000

*** Sample ID:                        Seq:  48     15:54:24 19 Nov 09   HG
                          460-7947-G-20-D
Hg   -.097    ppb       .000     -.097

*** Sample ID:                        Seq:  49     15:56:18 19 Nov 09   HG
                          460-7947-G-21-B
Hg   -.104    ppb       .000     -.104
```

*** Sample ID: Seq: 50 15:58:06 19 Nov 09 HG
460-7950-C-14-B
Hg .186 ppb .000 .186

*** Sample ID: Seq: 51 16:00:15 19 Nov 09 HG
460-7951-E-1-B
Hg -.072 ppb .000 -.072

*** Sample ID: Seq: 52 16:02:16 19 Nov 09 HG
460-7951-E-3-B
Hg -.103 ppb .000 -.103

*** Sample ID: Seq: 53 16:04:00 19 Nov 09 HG
460-7951-E-4-B
Hg -.072 ppb .000 -.072

*** Sample ID: Seq: 54 16:05:45 19 Nov 09 HG
460-7951-D-5-B
Hg -.104 ppb .000 -.104

*** Sample ID: Seq: 55 16:07:29 19 Nov 09 HG
460-8069-J-4-A
Hg -.111 ppb .000 -.111

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 56 16:09:14 19 Nov 09 HG
sd 460-7904-C-2-E
Hg .004 ppb .000 .004

*** Check Standard: 2 Ck2ACCV Seq: 57 16:10:57 19 Nov 09 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.	5.19	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 58 16:12:42 19 Nov 09 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.124	.200	ppb	.000

Metals Worksheet

Batch Number: 460-22715
Method: 3010A
Analyst: Sanagavarapu, Suguna

Date Open: Nov 16 2009 9:14AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_LCS-int_00015
MB~460-22715/1		3010A, 6010B		100 mL	100 mL	
LCS~460-22715/2		3010A, 6010B		100 mL	100 mL	2 mL
460-7908-F-3	Effluent		T	100 mL	100 mL	
460-7908-B-3~DU	Effluent		T	100 mL	100 mL	
460-7908-F-3~MS	Effluent		T	100 mL	100 mL	2 mL
460-7904-C-2	GW-017338-111209-ACH-02	3010A, 6010B	T	100 mL	100 mL	
460-7904-A-2~DU	GW-017338-111209-ACH-02	3010A, 6010B	T	100 mL	100 mL	
460-7904-C-2~MS	GW-017338-111209-ACH-02	3010A, 6010B	T	100 mL	100 mL	2 mL
460-7900-A-14	Field Blank		T	100 mL	100 mL	
460-7844-E-5	FB111009		T	100 mL	100 mL	
460-7844-E-6	FB111109		T	100 mL	100 mL	
460-7904-C-1	EB-017338-111209-ACH-01	3010A, 6010B	T	100 mL	100 mL	
460-7904-C-3	GW-017338-111209-ACH-03	3010A, 6010B	T	100 mL	100 mL	
460-7904-C-4	GW-017338-111209-ACH-04	3010A, 6010B	T	100 mL	100 mL	
460-7904-C-5	GW-017338-111209-ACH-05	3010A, 6010B	T	100 mL	100 mL	
460-7906-A-1	FB111109		T	100 mL	100 mL	
460-7906-A-10	MW-15-4Q09		T	100 mL	100 mL	
460-7906-A-11	FB111209		T	100 mL	100 mL	
460-7906-A-2	MW-26-1-4Q09		T	100 mL	100 mL	
460-7906-A-3	MW-26-2-4Q09		T	100 mL	100 mL	
460-7906-A-4	D111109		T	100 mL	100 mL	
460-7906-A-5	FCWELL-4Q09		T	100 mL	100 mL	

Lot # of hydrochloric acid: H16A02
Lot # of Nitric Acid: H10040
DigestionTubes: A905LS269
Hot Block ID number: 7
Oven, Bath or Block Temperature 1: 95 Degrees C

Metals Worksheet

Batch Number: 460-22715
Method: 3010A
Analyst: Sanagavarapu, Suguna

Date Open: Nov 16 2009 9:14AM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~460-22715/1		3010A, 6010B		
LCS~460-22715/2		3010A, 6010B		
460-7908-F-3	Effluent		T	
460-7908-B-3~DU	Effluent		T	
460-7908-F-3~MS	Effluent		T	
460-7904-C-2	GW-017338-111209-ACH-02	3010A, 6010B	T	
460-7904-A-2~DU	GW-017338-111209-ACH-02	3010A, 6010B	T	
460-7904-C-2~MS	GW-017338-111209-ACH-02	3010A, 6010B	T	
460-7900-A-14	Field Blank		T	
460-7844-E-5	FB111009		T	
460-7844-E-6	FB111109		T	
460-7904-C-1	EB-017338-111209-ACH-01	3010A, 6010B	T	
460-7904-C-3	GW-017338-111209-ACH-03	3010A, 6010B	T	
460-7904-C-4	GW-017338-111209-ACH-04	3010A, 6010B	T	
460-7904-C-5	GW-017338-111209-ACH-05	3010A, 6010B	T	
460-7906-A-1	FB111109		T	
460-7906-A-10	MW-15-4Q09		T	
460-7906-A-11	FB111209		T	
460-7906-A-2	MW-26-1-4Q09		T	
460-7906-A-3	MW-26-2-4Q09		T	
460-7906-A-4	D111109		T	
460-7906-A-5	FCWELL-4Q09		T	

Batch Comment: 1:1HCL-MPR137

Metals Worksheet

Batch Number: 460-23168
Method: 245.1
Analyst: Sheikh, Razia B

Date Open: Nov 19 2009 12:01PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_DCAL-IN_00163	ME_DICV-IN_00165
MB~460-23168/1				30 mL	30 mL		
LCS~460-23168/2				30 mL	30 mL	0.30 mL	
460-7968-D-2	29-PS6-107		T	30 mL	30 mL		
460-7968-D-2~DU			T	30 mL	30 mL		
460-7968-D-2~MS			T	30 mL	30 mL	0.30 mL	
460-7198-L-1	002-10-26-09		T	30 mL	30 mL		
460-7958-D-1	29-MW16S-107		T	30 mL	30 mL		
460-7958-D-2	29-MW17S-107		T	30 mL	30 mL		
460-7958-D-3	29-MW18S-107		T	30 mL	30 mL		
460-7958-D-4	29-MW19S-107		T	30 mL	30 mL		
460-7958-D-5	29-FB111209-107		T	30 mL	30 mL		
460-7968-D-1	29-PS1-107		T	30 mL	30 mL		
460-7968-A-3	29-PS3-107		T	30 mL	30 mL		
460-7968-D-4	29-DUP111209-107		T	30 mL	30 mL		
460-7914-B-1	Effluent-Comp		T	30 mL	30 mL		
460-7941-E-8	FB111309		T	30 mL	30 mL		
IC~460-23168/17				100 mL	100 mL		
IC~460-23168/18				100 mL	100 mL	0.1 mL	
IC~460-23168/19				100 mL	100 mL	1.0 mL	
IC~460-23168/20				100 mL	100 mL	2.0 mL	
IC~460-23168/21				100 mL	100 mL	5.0 mL	
IC~460-23168/22				100 mL	100 mL	10.0 mL	
ICV~460-23168/23		7470A, 7470A		100 mL	100 mL	5.0 mL	
qcs				100 mL	100 mL		5.0 mL
CCV~460-23168/25		7470A, 7470A		100 mL	100 mL	5.0 mL	

Oven, Bath or Block Temperature 1:	95 Degrees C
Hood ID or number:	2
Hot Block ID number:	1
Lot # of Nitric Acid:	g17026
Lot # of hydrochloric acid:	h05a02
Sulfuric Acid Lot Number:	g35029
Potassium Permanganate Lot Number:	00605lh
Potassium Persulfate Lot Number:	05518hh
Stannous Chloride Lot Number:	g37640
Hydroxylamine Hydrochloride Lot:	g50470
NaCL Lot #:	g28618

Metals Worksheet

Batch Number: 460-23174
Method: 7470A
Analyst: Sheikh, Razia B

Date Open: Nov 19 2009 12:11PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_DCAL-IN_00163
MB~460-23174/1		7470A, 7470A		30 mL	30 mL	
LCS~460-23174/2		7470A, 7470A		30 mL	30 mL	0.30 mL
460-7904-C-2	GW-017338-111209-ACH-02	7470A, 7470A	T	30 mL	30 mL	
460-7904-A-2~DU	GW-017338-111209-ACH-02	7470A, 7470A	T	30 mL	30 mL	
460-7904-C-2~MS	GW-017338-111209-ACH-02	7470A, 7470A	T	30 mL	30 mL	0.30 mL
460-8062-K-7	RBSS-111809			30 mL	30 mL	
460-7891-A-1	Ambient pH		T	30 mL	30 mL	
460-7891-A-2	pH 8.0		T	30 mL	30 mL	
460-7891-A-3	pH 9.0		T	30 mL	30 mL	
460-7891-A-4	pH 10.0		T	30 mL	30 mL	
460-7904-C-1	EB-017338-111209-ACH-01	7470A, 7470A	T	30 mL	30 mL	
460-7904-C-3	GW-017338-111209-ACH-03	7470A, 7470A	T	30 mL	30 mL	
460-7904-C-4	GW-017338-111209-ACH-04	7470A, 7470A	T	30 mL	30 mL	
460-7904-C-5	GW-017338-111209-ACH-05	7470A, 7470A	T	30 mL	30 mL	
460-7947-G-1	MW-1		T	30 mL	30 mL	
460-7947-E-2	MW-4		T	30 mL	30 mL	
460-7947-G-20	MW-3		T	30 mL	30 mL	
460-7947-G-21	EQUIP BLANK		T	30 mL	30 mL	
460-7950-C-14	FB		T	30 mL	30 mL	
460-7951-E-1	MW-1		T	30 mL	30 mL	
460-7951-E-3	MW-3		T	30 mL	30 mL	
460-7951-E-4	MW-4		T	30 mL	30 mL	
460-7951-D-5	FIELD BLANK		T	30 mL	30 mL	
460-8069-J-4	Field Blank		T	30 mL	30 mL	

Oven, Bath or Block Temperature 1:	95 Celsius	Stannous Chloride Lot Number:	g37640
Hood ID or number:	2	Hydroxylamine Hydrochloride Lot:	g50470
Hot Block ID number:	1	NaCL Lot #:	g28618
Lot # of Nitric Acid:	g17026		
Lot # of hydrochloric acid:	h05a02		
Sulfuric Acid Lot Number:	g35029		
Potassium Permanganate Lot Number:	00605lh		
Potassium Persulfate Lot Number:	05518hh		

Shipping and Receiving Documents

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 1 OF 1

ID # Nº 03054

SSOW Ref. Code: E091009

Required Client Information:

Company: CRA	Report To: Sue Scrachi
Address: 261 Martindale Rd	Copy To: Greg Carli
Unit 3 St. Catherine's	Invoice To: Darla Stewart
ON L2W1A2	P.O.: 4008278
Phone: 905 682 0510	Project Name: GM Wilmington
Fax:	Project Number: 017338
E-mail:	

Laboratory: Test America	
Laboratory Location: Edison, NJ	
Laboratory Contact: Jay Kelly	
Requested Due Date:	TAT: standard
QA/QC Requirements:	

Analysis and Method

3203

7904

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	VOCs	Metals w/ Hg	BNA's							Remarks/Lab ID
1	EB-017338-111209-ACH-01	RB	11/12/09	0930	6	2	3		1			X	X X						1	a	Equipment Rinse Blank
2	GW-017338-111209-ACH-02	WG	11/12/09	1040	18	6	9		3			X	X X						2	a	MS/MSD
3	GW-017338-111209-ACH-03 MSD	WG	11/12/09	1150	8	2	3		1			X	X X						3	a	
4	GW-017338-111209-ACH-04	WG	11/12/09	1200	6	2	3		1			X	X X						4	a	
5	GW-017338-111209-ACH-05	WG	11/12/09	1310	6	2	3		1			X	X X						5	a	
6	TB-017338-111209-ACH-001	TB	11/12/09	—	3		3					X							6	a	trip blank
7	TB	TB	11/9/09																7	a	cancelled per Amanda Hunter 11-13
8	TB	TB	11/9/09																8	a	
9	TB	TB	11/9/09																9	a	
10.																					
11.																					
12.																					
13.																					
14.																					
15.																					
	TOTAL NUMBER OF CONTAINERS																				

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All 8 Addition

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Courier	3		11/12/09	1430		11/12	1430
AIRBILL NO.			11/12	1900	Test Am	11/12/09	1900

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

11/30/2009

Additional Comments: 1°C - IR #98; 2°C IR #98; 1°C IR #98

Sampler Name: Amanda Hunter

Sampler Signature: Date: 11/12/09

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

Login Sample Receipt Check List

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-7904-1

Login Number: 7904

List Source: TestAmerica Edison

Creator: Retana, Camille

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1, 2, 1°C IR #98
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-10889-1

Job Description: GM Wilmington

For:
Conestoga-Rovers & Associates, Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, NY 14304

Attention: Ms. Sue Scrocchi

Approved for release.
Joy Kelly
Project Manager II
3/24/2010 5:54 PM

Joy Kelly
Project Manager II
joy.kelly@testamericainc.com
03/24/2010

cc: Mr. Greg Carli
Ms. Shannon Richardson

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

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Method 8270 DEL ICAL Data 1294

Method 8270 DEL CCAL Data 1350

Raw QC Data 1404

Method 8270 DEL Tune Data 1404

Method 8270 DEL Blank Data 1428

Method 8270 DEL LCS/LCSD Data 1444

Method 8270 DEL MS/MSD Data 1474

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Method 8270C SIM 1521

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Standards Data 1613

Method 8270C SIM ICAL Data 1613

Method 8270C SIM CCAL Data 1641

Raw QC Data 1654

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CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: GM Wilmington

Report Number: 460-10889-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 03/03/2010; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.1, 3.1, 3.2, 2.9, 2.3 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

TOTAL METALS

Samples 460-10889-1 through 460-10889-21 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 03/05/2010, 03/09/2010 and 03/10/2010 and analyzed on 03/05/2010, 03/06/2010, 03/09/2010 and 03/10/2010.

Manganese was detected in method blank MB 460-31540/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

Due to the high concentration of iron, sodium, the matrix spike(MS) for batch 31300 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Due to the high concentration of iron, sodium, the matrix spike (MS) for batch 31650 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Sample 460-10889-19(3X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-10889-1 through 460-10889-21 were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 03/05/2010.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-10889-1 through 460-10889-22 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 03/05/2010 and 03/08/2010.

The matrix spike (MS) recoveries for batch 31311 were outside control limits for 1,1,2-Trichloroethane and 1,2-Dibromo-3-Chloropropane and matrix spike duplicate (MSD) recoveries were outside control limits for 1,1,2-Trichloroethane, 4-Methyl-2-Pentanone and 1,2-Dibromo-3-Chloropropane. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike (MS) recoveries for batch 31440 were outside control limits for Chloroethane and matrix spike duplicate (MSD) recoveries were outside control limits for Chloroethane and Methyl tert-butyl ether.

The laboratory control sample (LCS) for batch 31440 was outside control limits for the following analytes: Chloroethane. This analyte was not detected in any associated samples.

The following sample was diluted due to the abundance of target analytes: GW-017338-030310-REAM-019 (460-10889-19). Elevated reporting limits (RLs) are provided.

The following sample was diluted due to the abundance of target analytes: GW-017338-030210-ACH-012 (460-10889-12). Elevated reporting limits (RLs) are provided.

Samples 460-10889-12(2X), 460-10889-12(25X), 460-10889-13(2X), 460-10889-16(5X), 460-10889-19(1000X), 460-10889-19(50X), 460-10889-20 and 460-10889-21(10X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

POLYCYCLIC AROMATIC HYDROCARBONS (PAHS)

Samples 460-10889-1 through 460-10889-21 were analyzed for polycyclic aromatic hydrocarbons (PAHs) in accordance with EPA SW-846 Method 8270C SIM. The samples were prepared on 03/05/2010 and analyzed on 03/18/2010, 03/19/2010 and 03/22/2010.

Sample 460-10889-21(2X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the PAH analyses.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-10889-1 through 460-10889-21 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 03/05/2010 and analyzed on 03/06/2010, 03/07/2010, 03/08/2010, 03/09/2010 and 03/10/2010.

2,4,6-Tribromophenol (Surr), 2-Fluorobiphenyl, 2-Fluorophenol (Surr), Nitrobenzene-d5 (Surr), Phenol-d5 (Surr) and Terphenyl-d14 (Surr) failed the surrogate recovery criteria low for 460-10889-21.

Benzaldehyde failed the recovery criteria low for LCS 460-31280/2-A. Benzaldehyde failed the recovery criteria low for LCS 460-31376/2-A. 2,4,5-Trichlorophenol failed the recovery criteria high. Benzaldehyde failed the recovery criteria low for LCSD 460-31376/3-A.

Naphthalene and Benzaldehyde failed the recovery criteria low for the MS of sample 460-10889-3 in batch 460-31598.

Naphthalene and Benzaldehyde failed the recovery criteria low for the MSD of sample 460-10889-3 in batch 460-31440.

Sample GW-017338-030310-RAM-021 (460-10889-21) was diluted due to abundance of target analytes. As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

The following sample(s) contained one acid and/or one base surrogate outside acceptance limits: GW-017338-030310-REAM-019 (460-10889-19). The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 31280 were outside control limits for Naphthalene. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The laboratory control sample (LCS) and matrix spike /matrix spike duplicate for batch 31280 were outside control limits for the following analytes: Benzaldehyde.

Samples 460-10889-13(2X), 460-10889-19(5X) and 460-10889-21(10X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-10889-1	GW-017338-030110-ACH-001	GW	03/01/2010 1210	03/03/2010 1900
460-10889-2	GW-017338-030110-ACH-002	GW	03/01/2010 1315	03/03/2010 1900
460-10889-3	GW-017338-030110-ACH-003	GW	03/01/2010 1400	03/03/2010 1900
460-10889-3DU	GW-017338-030110-ACH-003	GW	03/01/2010 1400	03/03/2010 1900
460-10889-3MS	GW-017338-030110-ACH-003	GW	03/01/2010 1400	03/03/2010 1900
460-10889-3MSD	GW-017338-030110-ACH-003	GW	03/01/2010 1400	03/03/2010 1900
460-10889-4	GW-017338-030110-ACH-004	GW	03/01/2010 1545	03/03/2010 1900
460-10889-5	GW-017338-030210-RAM-005	GW	03/02/2010 1210	03/03/2010 1900
460-10889-6EB	EB-017338-030210-ACH-006	GW	03/02/2010 1230	03/03/2010 1900
460-10889-7	GW-017338-030210-RAM-007	GW	03/02/2010 1310	03/03/2010 1900
460-10889-8	GW-017338-030210-ACH-008	GW	03/02/2010 1315	03/03/2010 1900
460-10889-9	GW-017338-030210-RAM-009	GW	03/02/2010 1440	03/03/2010 1900
460-10889-10	GW-017338-030210-ACH-010	GW	03/02/2010 1320	03/03/2010 1900
460-10889-11	GW-017338-030210-RAM-011	GW	03/02/2010 1545	03/03/2010 1900
460-10889-12	GW-017338-030210-ACH-012	GW	03/02/2010 1435	03/03/2010 1900
460-10889-13	GW-017338-030210-ACH-013	GW	03/02/2010 1545	03/03/2010 1900
460-10889-14	GW-017338-030310-ACH-014	GW	03/03/2010 0955	03/03/2010 1900
460-10889-15	GW-017338-030310-RAM-015	GW	03/03/2010 1100	03/03/2010 1900
460-10889-16	GW-017338-030310-ACH-016	GW	03/03/2010 1100	03/03/2010 1900
460-10889-17	GW-017338-030310-RAM-017	GW	03/03/2010 1130	03/03/2010 1900
460-10889-18	GW-017338-030310-ACH-018	GW	03/03/2010 1200	03/03/2010 1900
460-10889-19	GW-017338-030310-RAM-019	GW	03/03/2010 1255	03/03/2010 1900
460-10889-20	GW-017338-030310-ACH-020	GW	03/03/2010 1340	03/03/2010 1900
460-10889-21	GW-017338-030310-RAM-021	GW	03/03/2010 1400	03/03/2010 1900
460-10889-22TB	TRIP BLANK-017338-030310-ACH-001	Water	03/03/2010 0000	03/03/2010 1900

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-10889-1	**GW-017338-030110-ACH-001**					
Tetrachloroethene		0.41	J	1.0	ug/L	8260B
Aluminum		6940		200	ug/L	6010B
Barium		297		200	ug/L	6010B
Calcium		54700		5000	ug/L	6010B
Chromium		11.3		10.0	ug/L	6010B
Cobalt		5.9	J	50.0	ug/L	6010B
Copper		19.8	J	25.0	ug/L	6010B
Iron		25100		150	ug/L	6010B
Lead		8.1		5.0	ug/L	6010B
Magnesium		27400		5000	ug/L	6010B
Manganese		435		15.0	ug/L	6010B
Nickel		7.1	J	40.0	ug/L	6010B
Potassium		8520		5000	ug/L	6010B
Silver		1.9	J	10.0	ug/L	6010B
Sodium		148000		5000	ug/L	6010B
Vanadium		11.8	J	50.0	ug/L	6010B
Zinc		23.2	J	30.0	ug/L	6010B
Mercury		0.40		0.20	ug/L	7470A
460-10889-2	**GW-017338-030110-ACH-002**					
Chloroform		1.5		1.0	ug/L	8260B
Aluminum		1480		200	ug/L	6010B
Barium		292		200	ug/L	6010B
Calcium		29100		5000	ug/L	6010B
Cobalt		25.5	J	50.0	ug/L	6010B
Iron		6370		150	ug/L	6010B
Lead		2.8	J	5.0	ug/L	6010B
Magnesium		19100		5000	ug/L	6010B
Manganese		368		15.0	ug/L	6010B
Potassium		3820	J	5000	ug/L	6010B
Silver		1.1	J	10.0	ug/L	6010B
Sodium		81200		5000	ug/L	6010B
Vanadium		2.8	J	50.0	ug/L	6010B
Zinc		9.6	J	30.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-10889-3	**GW-017338-030110-ACH-003**					
Methyl tert-butyl ether		3.1		1.0	ug/L	8260B
Ethylbenzene		0.31	J	1.0	ug/L	8260B
Cyclohexane		2.3		1.0	ug/L	8260B
Benzene		2.2		1.0	ug/L	8260B
Methylcyclohexane		10		1.0	ug/L	8260B
Toluene		0.58	J	1.0	ug/L	8260B
Chlorobenzene		1.7		1.0	ug/L	8260B
Xylenes, Total		0.82	J	3.0	ug/L	8260B
Isopropylbenzene		3.3		1.0	ug/L	8260B
Naphthalene		100		10	ug/L	8270C
Aluminum		1050		200	ug/L	6010B
Barium		427		200	ug/L	6010B
Calcium		49400		5000	ug/L	6010B
Cobalt		18.1	J	50.0	ug/L	6010B
Iron		62000		150	ug/L	6010B
Magnesium		30600		5000	ug/L	6010B
Manganese		1690		15.0	ug/L	6010B
Potassium		3230	J	5000	ug/L	6010B
Silver		1.6	J	10.0	ug/L	6010B
Sodium		86700		5000	ug/L	6010B
460-10889-4	**GW-017338-030110-ACH-004**					
cis-1,2-Dichloroethene		0.24	J	1.0	ug/L	8260B
Toluene		0.31	J	1.0	ug/L	8260B
Aluminum		1010		200	ug/L	6010B
Barium		251		200	ug/L	6010B
Calcium		43400		5000	ug/L	6010B
Iron		6530		150	ug/L	6010B
Magnesium		13700		5000	ug/L	6010B
Manganese		487		15.0	ug/L	6010B
Potassium		4510	J	5000	ug/L	6010B
Sodium		108000		5000	ug/L	6010B
Vanadium		2.4	J	50.0	ug/L	6010B
Zinc		6.2	J	30.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-10889-5	**GW-017338-030210-RAM-005**					
Chlorobenzene		0.16	J	1.0	ug/L	8260B
Aluminum		2240		200	ug/L	6010B
Barium		89.3	J	200	ug/L	6010B
Calcium		18900		5000	ug/L	6010B
Chromium		3.4	J	10.0	ug/L	6010B
Iron		2700		150	ug/L	6010B
Lead		3.5	J	5.0	ug/L	6010B
Magnesium		4900	J	5000	ug/L	6010B
Manganese		14.4	J	15.0	ug/L	6010B
Nickel		4.1	J	40.0	ug/L	6010B
Potassium		2930	J	5000	ug/L	6010B
Sodium		112000		5000	ug/L	6010B
Vanadium		4.7	J	50.0	ug/L	6010B
Zinc		46.3		30.0	ug/L	6010B
460-10889-6EB	**EB-017338-030210-ACH-006**					
Methylene Chloride		0.96	J	1.0	ug/L	8260B
Barium		4.3	J	200	ug/L	6010B
Calcium		523	J	5000	ug/L	6010B
Magnesium		330	J	5000	ug/L	6010B
Sodium		637	J	5000	ug/L	6010B
460-10889-7	**GW-017338-030210-RAM-007**					
Aluminum		1120		200	ug/L	6010B
Barium		85.1	J	200	ug/L	6010B
Calcium		10800		5000	ug/L	6010B
Cobalt		3.6	J	50.0	ug/L	6010B
Iron		850		150	ug/L	6010B
Magnesium		7010		5000	ug/L	6010B
Manganese		169		15.0	ug/L	6010B
Nickel		7.8	J	40.0	ug/L	6010B
Potassium		774	J	5000	ug/L	6010B
Sodium		14900		5000	ug/L	6010B
Vanadium		2.3	J	50.0	ug/L	6010B
Zinc		28.7	J	30.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-10889-8	**GW-017338-030210-ACH-008**					
Methyl tert-butyl ether		1.5		1.0	ug/L	8260B
Cyclohexane		1.4		1.0	ug/L	8260B
Toluene		1.0		1.0	ug/L	8260B
Xylenes, Total		7.3		3.0	ug/L	8260B
Isopropylbenzene		5.0		1.0	ug/L	8260B
Benzo[a]anthracene		0.042	J	0.051	ug/L	8270C
Benzo[a]pyrene		0.035	J	0.051	ug/L	8270C
Benzo[b]fluoranthene		0.050	J	0.051	ug/L	8270C
Aluminum		3230		200	ug/L	6010B
Barium		456		200	ug/L	6010B
Calcium		55600		5000	ug/L	6010B
Chromium		4.3	J	10.0	ug/L	6010B
Cobalt		3.2	J	50.0	ug/L	6010B
Copper		26.2		25.0	ug/L	6010B
Iron		31300		150	ug/L	6010B
Lead		7.0		5.0	ug/L	6010B
Magnesium		32500		5000	ug/L	6010B
Manganese		528		15.0	ug/L	6010B
Potassium		6610		5000	ug/L	6010B
Silver		5.7	J	10.0	ug/L	6010B
Sodium		96700		5000	ug/L	6010B
Vanadium		5.9	J	50.0	ug/L	6010B
Zinc		21.5	J	30.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-10889-9	**GW-017338-030210-RAM-009**					
Ethylbenzene		290		1.0	ug/L	8260B
Cyclohexane		22		1.0	ug/L	8260B
Benzene		8.3		1.0	ug/L	8260B
Methylcyclohexane		52		1.0	ug/L	8260B
Toluene		41		1.0	ug/L	8260B
Xylenes, Total		920		3.0	ug/L	8260B
Isopropylbenzene		100		1.0	ug/L	8260B
2-Methylnaphthalene		3.7	J	11	ug/L	8270C
2,4-Dimethylphenol		4.8	J	11	ug/L	8270C
Aluminum		859		200	ug/L	6010B
Barium		464		200	ug/L	6010B
Calcium		38500		5000	ug/L	6010B
Cobalt		3.8	J	50.0	ug/L	6010B
Iron		26000		150	ug/L	6010B
Lead		3.7	J	5.0	ug/L	6010B
Magnesium		32000		5000	ug/L	6010B
Manganese		1570		15.0	ug/L	6010B
Potassium		4310	J	5000	ug/L	6010B
Silver		1.8	J	10.0	ug/L	6010B
Sodium		86400		5000	ug/L	6010B
Vanadium		2.5	J	50.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-10889-10	**GW-017338-030210-ACH-010**					
Methyl tert-butyl ether		1.5		1.0	ug/L	8260B
Ethylbenzene		0.26	J	1.0	ug/L	8260B
Methylcyclohexane		0.69	J	1.0	ug/L	8260B
Toluene		1.1		1.0	ug/L	8260B
Xylenes, Total		8.3		3.0	ug/L	8260B
Isopropylbenzene		5.0		1.0	ug/L	8260B
Benzo[a]anthracene		0.031	J	0.053	ug/L	8270C
Caprolactam		0.63	J	11	ug/L	8270C
Aluminum		2460		200	ug/L	6010B
Barium		443		200	ug/L	6010B
Calcium		55100		5000	ug/L	6010B
Chromium		3.6	J	10.0	ug/L	6010B
Cobalt		2.8	J	50.0	ug/L	6010B
Copper		21.9	J	25.0	ug/L	6010B
Iron		29400		150	ug/L	6010B
Lead		6.4		5.0	ug/L	6010B
Magnesium		31800		5000	ug/L	6010B
Manganese		516		15.0	ug/L	6010B
Potassium		6500		5000	ug/L	6010B
Silver		5.3	J	10.0	ug/L	6010B
Sodium		95100		5000	ug/L	6010B
Vanadium		4.7	J	50.0	ug/L	6010B
Zinc		17.2	J	30.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-10889-11	**GW-017338-030210-RAM-011**					
1,2-Dichlorobenzene		0.19	J	1.0	ug/L	8260B
Chloroform		0.22	J	1.0	ug/L	8260B
Ethylbenzene		7.4		1.0	ug/L	8260B
Cyclohexane		0.37	J	1.0	ug/L	8260B
Methylcyclohexane		0.48	J	1.0	ug/L	8260B
Toluene		1.0		1.0	ug/L	8260B
Tetrachloroethene		0.66	J	1.0	ug/L	8260B
Xylenes, Total		22		3.0	ug/L	8260B
Isopropylbenzene		1.4		1.0	ug/L	8260B
1,4-Dichlorobenzene		0.27	J	1.0	ug/L	8260B
Aluminum		17300		200	ug/L	6010B
Barium		286		200	ug/L	6010B
Calcium		40800		5000	ug/L	6010B
Chromium		18.5		10.0	ug/L	6010B
Cobalt		9.3	J	50.0	ug/L	6010B
Copper		25.8		25.0	ug/L	6010B
Iron		23500		150	ug/L	6010B
Lead		15.3		5.0	ug/L	6010B
Magnesium		21200		5000	ug/L	6010B
Manganese		78.7	B	15.0	ug/L	6010B
Nickel		22.9	J	40.0	ug/L	6010B
Potassium		8180		5000	ug/L	6010B
Silver		5.1	J	10.0	ug/L	6010B
Sodium		143000		5000	ug/L	6010B
Vanadium		30.1	J	50.0	ug/L	6010B
Zinc		30.6		30.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-10889-12	**GW-017338-030210-ACH-012**					
Ethylbenzene		870		2.0	ug/L	8260B
Cyclohexane		9.9		2.0	ug/L	8260B
Benzene		5.6		2.0	ug/L	8260B
Methylcyclohexane		28		2.0	ug/L	8260B
Toluene		4000		25	ug/L	8260B
Xylenes, Total		1700		6.0	ug/L	8260B
Isopropylbenzene		360		2.0	ug/L	8260B
Acetophenone		11		10	ug/L	8270C
4-Methylphenol		29		10	ug/L	8270C
Naphthalene		29		10	ug/L	8270C
Benzaldehyde		5.4	J *	10	ug/L	8270C
Aluminum		1290		200	ug/L	6010B
Arsenic		13.2		5.0	ug/L	6010B
Barium		615		200	ug/L	6010B
Calcium		67200		5000	ug/L	6010B
Cobalt		3.1	J	50.0	ug/L	6010B
Iron		28400		150	ug/L	6010B
Lead		3.1	J	5.0	ug/L	6010B
Magnesium		25000		5000	ug/L	6010B
Manganese		933	B	15.0	ug/L	6010B
Potassium		14700		5000	ug/L	6010B
Silver		3.4	J	10.0	ug/L	6010B
Sodium		204000		5000	ug/L	6010B
Vanadium		2.4	J	50.0	ug/L	6010B
Zinc		11.4	J	30.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-10889-13	**GW-017338-030210-ACH-013**					
Ethylbenzene		270		1.0	ug/L	8260B
Cyclohexane		0.69	J	1.0	ug/L	8260B
Benzene		0.51	J	1.0	ug/L	8260B
Methylcyclohexane		1.6		1.0	ug/L	8260B
Toluene		10		1.0	ug/L	8260B
Xylenes, Total		170		3.0	ug/L	8260B
Isopropylbenzene		560		2.0	ug/L	8260B
Benzo[a]anthracene		0.052		0.051	ug/L	8270C
Acetophenone		15		10	ug/L	8270C
Naphthalene		340		20	ug/L	8270C
Fluoranthene		3.4	J	10	ug/L	8270C
Aluminum		1560		200	ug/L	6010B
Barium		484		200	ug/L	6010B
Calcium		96100		5000	ug/L	6010B
Iron		11400		150	ug/L	6010B
Magnesium		16300		5000	ug/L	6010B
Manganese		628	B	15.0	ug/L	6010B
Potassium		23800		5000	ug/L	6010B
Silver		1.9	J	10.0	ug/L	6010B
Sodium		219000		5000	ug/L	6010B
Vanadium		2.7	J	50.0	ug/L	6010B
Zinc		7.8	J	30.0	ug/L	6010B
460-10889-14	**GW-017338-030310-ACH-014**					
Chloroform		0.54	J	1.0	ug/L	8260B
Ethylbenzene		1.1		1.0	ug/L	8260B
Toluene		2.4		1.0	ug/L	8260B
Xylenes, Total		2.0	J	3.0	ug/L	8260B
Isopropylbenzene		0.47	J	1.0	ug/L	8260B
Aluminum		1000		200	ug/L	6010B
Barium		57.7	J	200	ug/L	6010B
Calcium		15400		5000	ug/L	6010B
Copper		20.6	J	25.0	ug/L	6010B
Iron		1460		150	ug/L	6010B
Magnesium		13000		5000	ug/L	6010B
Manganese		329	B	15.0	ug/L	6010B
Potassium		1640	J	5000	ug/L	6010B
Sodium		58700		5000	ug/L	6010B
Vanadium		8.0	J	50.0	ug/L	6010B
Zinc		6.2	J	30.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-10889-15	**GW-017338-030310-RAM-015**					
Ethylbenzene		1.0	J	1.0	ug/L	8260B
Toluene		0.47	J	1.0	ug/L	8260B
Xylenes, Total		2.4	J	3.0	ug/L	8260B
Aluminum		1560		200	ug/L	6010B
Barium		159	J	200	ug/L	6010B
Calcium		35600		5000	ug/L	6010B
Iron		3560		150	ug/L	6010B
Lead		4.3	J	5.0	ug/L	6010B
Magnesium		18600		5000	ug/L	6010B
Manganese		18.3	B	15.0	ug/L	6010B
Potassium		4440	J	5000	ug/L	6010B
Silver		1.1	J	10.0	ug/L	6010B
Sodium		33200		5000	ug/L	6010B
Vanadium		3.0	J	50.0	ug/L	6010B
Zinc		9.3	J	30.0	ug/L	6010B
460-10889-16	**GW-017338-030310-ACH-016**					
1,2-Dichlorobenzene		0.88	J	1.0	ug/L	8260B
Methyl tert-butyl ether		0.73	J	1.0	ug/L	8260B
Ethylbenzene		1.5		1.0	ug/L	8260B
Benzene		4.6		1.0	ug/L	8260B
Toluene		2.1		1.0	ug/L	8260B
Chlorobenzene		1300		5.0	ug/L	8260B
Xylenes, Total		2.5	J	3.0	ug/L	8260B
Isopropylbenzene		4.3		1.0	ug/L	8260B
1,3-Dichlorobenzene		1.1		1.0	ug/L	8260B
1,4-Dichlorobenzene		7.9		1.0	ug/L	8260B
Aluminum		1340		200	ug/L	6010B
Arsenic		13.9		5.0	ug/L	6010B
Barium		463		200	ug/L	6010B
Calcium		36900		5000	ug/L	6010B
Cobalt		13.1	J	50.0	ug/L	6010B
Iron		84800		150	ug/L	6010B
Magnesium		31000		5000	ug/L	6010B
Manganese		2410	B	15.0	ug/L	6010B
Potassium		4200	J	5000	ug/L	6010B
Silver		2.9	J	10.0	ug/L	6010B
Sodium		72000		5000	ug/L	6010B
Vanadium		3.7	J	50.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-10889-17	**GW-017338-030310-RAM-017**					
Methyl tert-butyl ether		35		1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.25	J	1.0	ug/L	8260B
Ethylbenzene		15		1.0	ug/L	8260B
Cyclohexane		23		1.0	ug/L	8260B
Benzene		280		1.0	ug/L	8260B
Methylcyclohexane		35		1.0	ug/L	8260B
Toluene		1.3		1.0	ug/L	8260B
Xylenes, Total		110		3.0	ug/L	8260B
Isopropylbenzene		98		1.0	ug/L	8260B
Phenol		1.7	J	10	ug/L	8270C
Naphthalene		19		10	ug/L	8270C
Aluminum		1030		200	ug/L	6010B
Arsenic		4.6	J	5.0	ug/L	6010B
Barium		140	J	200	ug/L	6010B
Calcium		28700		5000	ug/L	6010B
Copper		15.9	J	25.0	ug/L	6010B
Iron		43000		150	ug/L	6010B
Lead		11.3		5.0	ug/L	6010B
Magnesium		30000		5000	ug/L	6010B
Manganese		352	B	15.0	ug/L	6010B
Potassium		2030	J	5000	ug/L	6010B
Silver		0.99	J	10.0	ug/L	6010B
Sodium		35200		5000	ug/L	6010B
Vanadium		3.3	J	50.0	ug/L	6010B
Zinc		11.2	J	30.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-10889-18	**GW-017338-030310-ACH-018**					
Methyl tert-butyl ether		2.2		1.0	ug/L	8260B
Ethylbenzene		1.2		1.0	ug/L	8260B
Cyclohexane		5.2		1.0	ug/L	8260B
Benzene		5.7		1.0	ug/L	8260B
Toluene		2.3		1.0	ug/L	8260B
Chlorobenzene		1.6		1.0	ug/L	8260B
Xylenes, Total		2.2	J	3.0	ug/L	8260B
Isopropylbenzene		3.5		1.0	ug/L	8260B
Arsenic		12.0		5.0	ug/L	6010B
Barium		456		200	ug/L	6010B
Calcium		48000		5000	ug/L	6010B
Cobalt		40.6	J	50.0	ug/L	6010B
Iron		55600		150	ug/L	6010B
Magnesium		39400		5000	ug/L	6010B
Manganese		870		15.0	ug/L	6010B
Nickel		3.7	J	40.0	ug/L	6010B
Potassium		4520	J	5000	ug/L	6010B
Silver		1.6	J	10.0	ug/L	6010B
Sodium		139000		5000	ug/L	6010B
Zinc		70.1		30.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Sample ID / Analyte	Client Sample ID / Result / Qualifier		Reporting Limit	Units	Method
460-10889-19	**GW-017338-030310-RAM-019**				
Acetone	96000		10000	ug/L	8260B
Methyl tert-butyl ether	630		50	ug/L	8260B
Ethylbenzene	19000		50	ug/L	8260B
Benzene	1000		50	ug/L	8260B
4-Methyl-2-pentanone (MIBK)	380	J	500	ug/L	8260B
Toluene	170000		1000	ug/L	8260B
Xylenes, Total	32000		150	ug/L	8260B
Isopropylbenzene	22	J	50	ug/L	8260B
Acetophenone	20		10	ug/L	8270C
4-Methylphenol	370		50	ug/L	8270C
2-Methylphenol	140		10	ug/L	8270C
2,4-Dimethylphenol	220		10	ug/L	8270C
Benzaldehyde	14	*	10	ug/L	8270C
Aluminum	130	J	200	ug/L	6010B
Barium	722		200	ug/L	6010B
Calcium	92200		5000	ug/L	6010B
Cobalt	4.4	J	50.0	ug/L	6010B
Iron	264000		450	ug/L	6010B
Lead	4.9	J	5.0	ug/L	6010B
Magnesium	99700		5000	ug/L	6010B
Manganese	23600		45.0	ug/L	6010B
Potassium	5050		5000	ug/L	6010B
Silver	9.6	J	10.0	ug/L	6010B
Sodium	160000		5000	ug/L	6010B
Zinc	20.1	J	30.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Sample ID / Analyte	Client Sample ID / Result / Qualifier		Reporting Limit	Units	Method
460-10889-20	**GW-017338-030310-ACH-020**				
Acetone	10		10	ug/L	8260B
Methyl tert-butyl ether	320		1.0	ug/L	8260B
2-Butanone (MEK)	5.7	J	10	ug/L	8260B
Ethylbenzene	2200		10	ug/L	8260B
Cyclohexane	5.4		1.0	ug/L	8260B
Benzene	330		1.0	ug/L	8260B
Methylcyclohexane	1.1		1.0	ug/L	8260B
4-Methyl-2-pentanone (MIBK)	1.2	J	10	ug/L	8260B
Toluene	1200		10	ug/L	8260B
Chlorobenzene	0.65	J	1.0	ug/L	8260B
Xylenes, Total	5400		30	ug/L	8260B
Isopropylbenzene	7.2		1.0	ug/L	8260B
4-Methylphenol	8.3	J	10	ug/L	8270C
2-Methylphenol	2.5	J	10	ug/L	8270C
2,4-Dimethylphenol	30		10	ug/L	8270C
Aluminum	459		200	ug/L	6010B
Arsenic	34.7		5.0	ug/L	6010B
Barium	422		200	ug/L	6010B
Calcium	73600		5000	ug/L	6010B
Cobalt	112		50.0	ug/L	6010B
Iron	97700		150	ug/L	6010B
Lead	3.5	J	5.0	ug/L	6010B
Magnesium	61600		5000	ug/L	6010B
Manganese	869		15.0	ug/L	6010B
Potassium	4220	J	5000	ug/L	6010B
Silver	3.1	J	10.0	ug/L	6010B
Sodium	108000		5000	ug/L	6010B
Vanadium	2.7	J	50.0	ug/L	6010B
Zinc	6.1	J	30.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Sample ID / Analyte	Client Sample ID / Result / Qualifier		Reporting Limit	Units	Method
460-10889-21	**GW-017338-030310-RAM-021**				
Methyl tert-butyl ether	18		1.0	ug/L	8260B
Ethylbenzene	620		10	ug/L	8260B
Cyclohexane	16		1.0	ug/L	8260B
Benzene	15		1.0	ug/L	8260B
Methylcyclohexane	110		1.0	ug/L	8260B
Toluene	5000		10	ug/L	8260B
Chlorobenzene	0.87	J	1.0	ug/L	8260B
Xylenes, Total	3000		30	ug/L	8260B
Styrene	0.81	J	1.0	ug/L	8260B
Isopropylbenzene	9.9		1.0	ug/L	8260B
Acetophenone	180		10	ug/L	8270C
2-Methylnaphthalene	64		10	ug/L	8270C
4-Methylphenol	23		10	ug/L	8270C
2-Methylphenol	7.0	J	10	ug/L	8270C
2,4-Dimethylphenol	15		10	ug/L	8270C
Naphthalene	1700		100	ug/L	8270C
Aluminum	8740		200	ug/L	6010B
Arsenic	24.3		5.0	ug/L	6010B
Barium	200	J	200	ug/L	6010B
Calcium	27300		5000	ug/L	6010B
Chromium	11.8		10.0	ug/L	6010B
Cobalt	6.1	J	50.0	ug/L	6010B
Copper	17.9	J	25.0	ug/L	6010B
Iron	54500		150	ug/L	6010B
Lead	9.3		5.0	ug/L	6010B
Magnesium	18700		5000	ug/L	6010B
Manganese	561		15.0	ug/L	6010B
Nickel	6.5	J	40.0	ug/L	6010B
Potassium	4340	J	5000	ug/L	6010B
Silver	1.6	J	10.0	ug/L	6010B
Sodium	80000		5000	ug/L	6010B
Vanadium	17.1	J	50.0	ug/L	6010B
Zinc	19.7	J	30.0	ug/L	6010B

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organics (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B
Semivolatile Organic Compounds (GC/MS SIM)	TAL EDI	SW846 8270C	
Semivolatile Organics (GC/MS)	TAL EDI	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Total Metals	TAL EDI		SW846 3010A
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A

Lab References:

TAL EDI = TestAmerica Edison

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Method	Analyst	Analyst ID
SW846 8260B	Desai, Saurab	SD
SW846 8270C	Asfaw, Abebaye A.	AAA
SW846 8270C	Crocco, Michael	MC
SW846 8270C	Zhao, Chunxin	CZ
SW846 6010B	Chang, Churn Der	CDC
SW846 7470A	Staib, Thomas	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-001**

Lab Sample ID: 460-10889-1 Date Sampled: 03/01/2010 1210
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16909.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 0932			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 0932				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	0.41	J	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-001**

Lab Sample ID: 460-10889-1 Date Sampled: 03/01/2010 1210
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16909.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 0932			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 0932				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 122
4-Bromofluorobenzene	94		69 - 135
Toluene-d8 (Surr)	94		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-001**

Lab Sample ID: 460-10889-1 Date Sampled: 03/01/2010 1210
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311	Instrument ID: VOAMS4
Preparation:	5030B		Lab File ID: d16909.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	03/05/2010 0932		Final Weight/Volume: 5 mL
Date Prepared:	03/05/2010 0932		

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-002**

Lab Sample ID: 460-10889-2 Date Sampled: 03/01/2010 1315
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16910.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 0956			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 0956				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.5		0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-002**

Lab Sample ID: 460-10889-2 Date Sampled: 03/01/2010 1315
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16910.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 0956			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 0956				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 122
4-Bromofluorobenzene	98		69 - 135
Toluene-d8 (Surr)	99		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-002**

Lab Sample ID: 460-10889-2 Date Sampled: 03/01/2010 1315
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311	Instrument ID: VOAMS4
Preparation:	5030B		Lab File ID: d16910.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	03/05/2010 0956		Final Weight/Volume: 5 mL
Date Prepared:	03/05/2010 0956		

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-003**

Lab Sample ID: 460-10889-3 Date Sampled: 03/01/2010 1400
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method: 8260B Analysis Batch: 460-31311 Instrument ID: VOAMS4
Preparation: 5030B Lab File ID: d16911.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 03/05/2010 1020 Final Weight/Volume: 5 mL
Date Prepared: 03/05/2010 1020

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	3.1		0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	0.31	J	0.25	1.0
Cyclohexane	2.3		0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	2.2		0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	10		0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	0.58	J	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.7		0.16	1.0
Xylenes, Total	0.82	J	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	3.3		0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-003**

Lab Sample ID: 460-10889-3 Date Sampled: 03/01/2010 1400
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16911.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1020			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1020				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 122
4-Bromofluorobenzene	94		69 - 135
Toluene-d8 (Surr)	96		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-003**

Lab Sample ID: 460-10889-3 Date Sampled: 03/01/2010 1400
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16911.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1020			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1020				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
496-11-7	Indane	10.22	140	T J N
	Diethylbenzene isomer	10.26	22	T J
	Ethyldimethylbenzene isomer	10.56	120	T J
	Unknown Aromatic	10.63	18	T J
	Tetramethylbenzene isomer	10.85	100	T J
	Unknown	10.89	23	T J
	Unknown Aromatic-1	11.04	16	T J
	2,3-dihydro-methyl-1H-Indene isomer	11.17	160	T J
	C11H16 Aromatic-1	11.49	10	T J
91-20-3	Naphthalene	11.70	180	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-004**

Lab Sample ID: 460-10889-4 Date Sampled: 03/01/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16912.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1045			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1045				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	0.24	J	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	0.31	J	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-004**

Lab Sample ID: 460-10889-4 Date Sampled: 03/01/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16912.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1045			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1045				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 122
4-Bromofluorobenzene	95		69 - 135
Toluene-d8 (Surr)	96		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-004**

Lab Sample ID: 460-10889-4 Date Sampled: 03/01/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311	Instrument ID: VOAMS4
Preparation:	5030B		Lab File ID: d16912.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	03/05/2010 1045		Final Weight/Volume: 5 mL
Date Prepared:	03/05/2010 1045		

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-005**

Lab Sample ID: 460-10889-5 Date Sampled: 03/02/2010 1210
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16918.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1311			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1311				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	0.16	J	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-005**

Lab Sample ID: 460-10889-5 Date Sampled: 03/02/2010 1210
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16918.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1311			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1311				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 122
4-Bromofluorobenzene	95		69 - 135
Toluene-d8 (Surr)	100		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-005**

Lab Sample ID: 460-10889-5 Date Sampled: 03/02/2010 1210
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16918.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1311			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1311				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **EB-017338-030210-ACH-006**

Lab Sample ID: 460-10889-6EB Date Sampled: 03/02/2010 1230
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method: 8260B Analysis Batch: 460-31311 Instrument ID: VOAMS4
Preparation: 5030B Lab File ID: d16913.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 03/05/2010 1109 Final Weight/Volume: 5 mL
Date Prepared: 03/05/2010 1109

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	0.96	J	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **EB-017338-030210-ACH-006**

Lab Sample ID: 460-10889-6EB Date Sampled: 03/02/2010 1230
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16913.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1109			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1109				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 122
4-Bromofluorobenzene	95		69 - 135
Toluene-d8 (Surr)	97		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **EB-017338-030210-ACH-006**

Lab Sample ID: 460-10889-6EB Date Sampled: 03/02/2010 1230
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16913.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1109			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1109				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-007**

Lab Sample ID: 460-10889-7 Date Sampled: 03/02/2010 1310
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method: 8260B Analysis Batch: 460-31311 Instrument ID: VOAMS4
Preparation: 5030B Lab File ID: d16919.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 03/05/2010 1335 Final Weight/Volume: 5 mL
Date Prepared: 03/05/2010 1335

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-007**

Lab Sample ID: 460-10889-7 Date Sampled: 03/02/2010 1310
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16919.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1335			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1335				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 122
4-Bromofluorobenzene	95		69 - 135
Toluene-d8 (Surr)	98		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-007**

Lab Sample ID: 460-10889-7 Date Sampled: 03/02/2010 1310
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16919.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1335			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1335				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-008**

Lab Sample ID: 460-10889-8 Date Sampled: 03/02/2010 1315
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16914.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1134			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1134				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.5		0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.4		0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0		0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	7.3		0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	5.0		0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-008**

Lab Sample ID: 460-10889-8 Date Sampled: 03/02/2010 1315
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16914.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1134			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1134				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 122
4-Bromofluorobenzene	100		69 - 135
Toluene-d8 (Surr)	99		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-008**

Lab Sample ID: 460-10889-8 Date Sampled: 03/02/2010 1315
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16914.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1134			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1134				

Tentatively Identified Compounds **Number TIC's Found:** **4**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
108-20-3	Isopropyl ether	3.11	5.8	
496-11-7	Indane	10.22	11	T J N
	Diethylbenzene isomer	10.26	5.8	T J
	C10H12 Aromatic	11.17	6.6	T J

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-009**

Lab Sample ID: 460-10889-9 Date Sampled: 03/02/2010 1440
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16922.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1448			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1448				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	290		0.25	1.0
Cyclohexane	22		0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	8.3		0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	52		0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	41		0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	920		0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	100		0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-009**

Lab Sample ID: 460-10889-9 Date Sampled: 03/02/2010 1440
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16922.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1448			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1448				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 122
4-Bromofluorobenzene	95		69 - 135
Toluene-d8 (Surr)	96		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-009**

Lab Sample ID: 460-10889-9 Date Sampled: 03/02/2010 1440
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16922.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1448			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1448				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
108-20-3	Isopropyl ether	3.11	17	
	C8H16 Cycloalkane	6.09	11	T J
103-65-1	N-Propylbenzene	9.33	43	
95-63-6	1,2,4-Trimethylbenzene	9.79	7.4	
	C9H10 Aromatic	10.22	16	T J
	Ethyldimethylbenzene isomer	10.56	18	T J
	C10H12 Aromatic	10.63	13	T J
	Tetramethylbenzene isomer	10.85	12	T J
	C10H12 Aromatic-1	11.17	27	T J
	C11H14 Aromatic-1	11.49	8.7	T J

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-010**

Lab Sample ID: 460-10889-10 Date Sampled: 03/02/2010 1320
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method: 8260B Analysis Batch: 460-31311 Instrument ID: VOAMS4
Preparation: 5030B Lab File ID: d16928.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 03/05/2010 1714 Final Weight/Volume: 5 mL
Date Prepared: 03/05/2010 1714

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.5		0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	0.26	J	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	0.69	J	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.1		0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	8.3		0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	5.0		0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-010**

Lab Sample ID: 460-10889-10 Date Sampled: 03/02/2010 1320
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16928.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1714			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1714				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 122
4-Bromofluorobenzene	100		69 - 135
Toluene-d8 (Surr)	100		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-010**

Lab Sample ID: 460-10889-10 Date Sampled: 03/02/2010 1320
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16928.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1714			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1714				

Tentatively Identified Compounds **Number TIC's Found:** **4**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
108-20-3	Isopropyl ether	3.11	5.9	
496-11-7	Indane	10.22	11	T J N
	Diethylbenzene isomer	10.26	5.5	T J
	C10H12 Aromatic	11.17	7.3	T J

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-011**

Lab Sample ID: 460-10889-11 Date Sampled: 03/02/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16920.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1359			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1359				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	0.19	J	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	0.22	J	0.15	1.0
Ethylbenzene	7.4		0.25	1.0
Cyclohexane	0.37	J	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	0.48	J	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0		0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	0.66	J	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	22		0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.4		0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-011**

Lab Sample ID: 460-10889-11 Date Sampled: 03/02/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16920.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1359			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1359				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.27	J	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 122
4-Bromofluorobenzene	97		69 - 135
Toluene-d8 (Surr)	97		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-011**

Lab Sample ID: 460-10889-11 Date Sampled: 03/02/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16920.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1359			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1359				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-012**

Lab Sample ID: 460-10889-12 Date Sampled: 03/02/2010 1435
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16930.d
Dilution:	2.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1802			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1802				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	2.0	U	0.50	2.0
Dichlorodifluoromethane	2.0	U	0.58	2.0
Chloromethane	2.0	U	0.42	2.0
Vinyl chloride	2.0	U	0.26	2.0
Bromomethane	2.0	U	0.62	2.0
1,2-Dibromo-3-Chloropropane	2.0	U	0.30	2.0
1,2-Dichlorobenzene	2.0	U	0.32	2.0
Trichlorofluoromethane	2.0	U	0.32	2.0
1,1-Dichloroethene	2.0	U	0.28	2.0
1,2-Dichloropropane	2.0	U	0.18	2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	0.56	2.0
Acetone	20	U	5.0	20
Carbon disulfide	2.0	U	0.30	2.0
Methyl acetate	4.0	U	0.66	4.0
Methylene Chloride	2.0	U	0.38	2.0
trans-1,2-Dichloroethene	2.0	U	0.28	2.0
Chlorodibromomethane	2.0	U	0.22	2.0
Methyl tert-butyl ether	2.0	U	0.36	2.0
Chloroethane	2.0	U	0.90	2.0
1,1-Dichloroethane	2.0	U	0.20	2.0
cis-1,2-Dichloroethene	2.0	U	0.40	2.0
2-Butanone (MEK)	20	U	1.6	20
Chloroform	2.0	U	0.30	2.0
Ethylbenzene	870		0.50	2.0
Cyclohexane	9.9		0.26	2.0
Carbon tetrachloride	2.0	U	0.38	2.0
Benzene	5.6		0.26	2.0
1,2-Dichloroethane	2.0	U	0.48	2.0
Trichloroethene	2.0	U	0.36	2.0
Methylcyclohexane	28		0.18	2.0
Dichlorobromomethane	2.0	U	0.19	2.0
cis-1,3-Dichloropropene	2.0	U	0.22	2.0
4-Methyl-2-pentanone (MIBK)	20	U	1.4	20
Toluene	3400	E	0.18	2.0
trans-1,3-Dichloropropene	2.0	U	0.24	2.0
1,1,2-Trichloroethane	2.0	U	0.20	2.0
Tetrachloroethene	2.0	U	0.40	2.0
2-Hexanone	20	U	1.1	20
1,2-Dibromoethane	2.0	U	0.18	2.0
Chlorobenzene	2.0	U	0.32	2.0
Xylenes, Total	1700		0.86	6.0
Styrene	2.0	U	0.26	2.0
Bromoform	2.0	U	0.20	2.0
Isopropylbenzene	360		0.42	2.0
1,1,2,2-Tetrachloroethane	2.0	U	0.18	2.0
1,3-Dichlorobenzene	2.0	U	0.44	2.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-012**

Lab Sample ID: 460-10889-12 Date Sampled: 03/02/2010 1435
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16930.d
Dilution:	2.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1802			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1802				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	2.0	U	0.30	2.0
1,2,4-Trichlorobenzene	2.0	U	0.88	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82		70 - 122
4-Bromofluorobenzene	96		69 - 135
Toluene-d8 (Surr)	94		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-012**

Lab Sample ID: 460-10889-12 Date Sampled: 03/02/2010 1435
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16930.d
Dilution:	2.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1802			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1802				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
103-65-1	N-Propylbenzene	9.33	580	
496-11-7	Indane	10.22	790	T J N
	Diethylbenzene isomer	10.26	83	T J
	Ethyldimethylbenzene isomer	10.56	260	T J
767-58-8	Indan, 1-methyl-	10.63	52	T J N
	Tetramethylbenzene isomer	10.85	160	T J
	2,3-dihydro-methyl-1H-Indene isomer	11.04	160	T J
	2,3-dihydro-methyl-1H-Indene isomer -1	11.17	600	T J
	C10H10 Aromatic	11.36	33	T J
91-20-3	Naphthalene	11.70	52	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-012**

Lab Sample ID: 460-10889-12 Date Sampled: 03/02/2010 1435
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16926.d
Dilution:	25			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1625	Run Type: DL		Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1625				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Toluene	4000		2.2	25

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 122
4-Bromofluorobenzene	98		69 - 135
Toluene-d8 (Surr)	96		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-013**

Lab Sample ID: 460-10889-13 Date Sampled: 03/02/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method: 8260B Analysis Batch: 460-31440 Instrument ID: VOAMS4
Preparation: 5030B Lab File ID: d17016.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 03/08/2010 1616 Final Weight/Volume: 5 mL
Date Prepared: 03/08/2010 1616

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U *	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	270		0.25	1.0
Cyclohexane	0.69	J	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	0.51	J	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.6		0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	10		0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	170		0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	710	E	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-013**

Lab Sample ID: 460-10889-13 Date Sampled: 03/02/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31440		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d17016.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2010 1616			Final Weight/Volume:	5 mL
Date Prepared:	03/08/2010 1616				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 122
4-Bromofluorobenzene	96		69 - 135
Toluene-d8 (Surr)	96		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-013**

Lab Sample ID: 460-10889-13 Date Sampled: 03/02/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31440		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d17016.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2010 1616			Final Weight/Volume:	5 mL
Date Prepared:	03/08/2010 1616				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
103-65-1	N-Propylbenzene	9.33	740	E
	Ethylmethylbenzene isomer	9.42	650	T J
	Ethylmethylbenzene isomer -1	9.66	310	T J
95-63-6	1,2,4-Trimethylbenzene	9.80	830	E
	C10H12 Aromatic	10.22	1600	T J
	Ethyldimethylbenzene isomer	10.57	520	T J
	Tetramethylbenzene isomer	10.86	420	T J
	2,3-dihydro-methyl-1H-Indene isomer	11.05	530	T J
	2,3-dihydro-methyl-1H-Indene isomer -1	11.18	1200	T J
91-20-3	Naphthalene	11.71	610	E

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-013**

Lab Sample ID: 460-10889-13 Date Sampled: 03/02/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16929.d
Dilution:	2.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1738	Run Type: DL		Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1738				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Isopropylbenzene	560		0.42	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 122
4-Bromofluorobenzene	94		69 - 135
Toluene-d8 (Surr)	97		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-014**

Lab Sample ID: 460-10889-14 Date Sampled: 03/03/2010 0955
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16921.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1424			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1424				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	0.54	J	0.15	1.0
Ethylbenzene	1.1		0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	2.4		0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	2.0	J	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	0.47	J	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-014**

Lab Sample ID: 460-10889-14 Date Sampled: 03/03/2010 0955
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16921.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1424			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1424				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 122
4-Bromofluorobenzene	95		69 - 135
Toluene-d8 (Surr)	94		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-014**

Lab Sample ID: 460-10889-14 Date Sampled: 03/03/2010 0955
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16921.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1424			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1424				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-015**

Lab Sample ID: 460-10889-15 Date Sampled: 03/03/2010 1100
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16923.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1512			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1512				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	J	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	0.47	J	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	2.4	J	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-015**

Lab Sample ID: 460-10889-15 Date Sampled: 03/03/2010 1100
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16923.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1512			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1512				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 122
4-Bromofluorobenzene	92		69 - 135
Toluene-d8 (Surr)	93		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-015**

Lab Sample ID: 460-10889-15 Date Sampled: 03/03/2010 1100
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16923.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1512			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1512				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-016**

Lab Sample ID: 460-10889-16 Date Sampled: 03/03/2010 1100
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16924.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1537			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1537				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	0.88	J	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	0.73	J	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.5		0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	4.6		0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	2.1		0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1400	E	0.16	1.0
Xylenes, Total	2.5	J	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	4.3		0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.1		0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-016**

Lab Sample ID: 460-10889-16 Date Sampled: 03/03/2010 1100
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16924.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1537			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1537				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	7.9		0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		70 - 122
4-Bromofluorobenzene	97		69 - 135
Toluene-d8 (Surr)	86		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-016**

Lab Sample ID: 460-10889-16 Date Sampled: 03/03/2010 1100
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16924.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1537			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1537				

Tentatively Identified Compounds **Number TIC's Found:** **2**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
496-11-7	Indane	10.22	26	T J N
	Diethylbenzene isomer	10.26	5.3	T J

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-016**

Lab Sample ID: 460-10889-16 Date Sampled: 03/03/2010 1100
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31440		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d17006.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2010 1209	Run Type:	DL	Final Weight/Volume:	5 mL
Date Prepared:	03/08/2010 1209				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chlorobenzene	1300		0.80	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 122
4-Bromofluorobenzene	113		69 - 135
Toluene-d8 (Surr)	106		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-017**

Lab Sample ID: 460-10889-17 Date Sampled: 03/03/2010 1130
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method: 8260B Analysis Batch: 460-31440 Instrument ID: VOAMS4
Preparation: 5030B Lab File ID: d17018.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 03/08/2010 1705 Final Weight/Volume: 5 mL
Date Prepared: 03/08/2010 1705

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	35		0.18	1.0
Chloroethane	1.0	U *	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	0.25	J	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	15		0.25	1.0
Cyclohexane	23		0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	280		0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	35		0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.3		0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	110		0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	98		0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-017**

Lab Sample ID: 460-10889-17 Date Sampled: 03/03/2010 1130
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31440		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d17018.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2010 1705			Final Weight/Volume:	5 mL
Date Prepared:	03/08/2010 1705				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 122
4-Bromofluorobenzene	110		69 - 135
Toluene-d8 (Surr)	109		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-017**

Lab Sample ID: 460-10889-17 Date Sampled: 03/03/2010 1130
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31440		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d17018.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2010 1705			Final Weight/Volume:	5 mL
Date Prepared:	03/08/2010 1705				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
108-20-3	Isopropyl ether	3.11	17	
103-65-1	N-Propylbenzene	9.33	43	
95-63-6	1,2,4-Trimethylbenzene	9.80	13	
496-11-7	Indane	10.22	38	T J N
	Ethyldimethylbenzene isomer -1	10.56	30	T J
	Tetramethylbenzene isomer	10.86	23	T J
	Tetramethylbenzene isomer -1	10.89	22	T J
	2,3-dihydro-methyl-1H-Indene isomer	11.17	39	T J
76-22-2	Camphor	11.69	18	
91-20-3	Naphthalene	11.71	37	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-018**

Lab Sample ID: 460-10889-18 Date Sampled: 03/03/2010 1200
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method: 8260B Analysis Batch: 460-31440 Instrument ID: VOAMS4
Preparation: 5030B Lab File ID: d17005.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 03/08/2010 1145 Final Weight/Volume: 5 mL
Date Prepared: 03/08/2010 1145

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	2.2		0.18	1.0
Chloroethane	1.0	U *	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.2		0.25	1.0
Cyclohexane	5.2		0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	5.7		0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	2.3		0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.6		0.16	1.0
Xylenes, Total	2.2	J	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	3.5		0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-018**

Lab Sample ID: 460-10889-18 Date Sampled: 03/03/2010 1200
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31440		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d17005.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2010 1145			Final Weight/Volume:	5 mL
Date Prepared:	03/08/2010 1145				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 122
4-Bromofluorobenzene	109		69 - 135
Toluene-d8 (Surr)	104		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-018**

Lab Sample ID: 460-10889-18 Date Sampled: 03/03/2010 1200
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31440		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d17005.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2010 1145			Final Weight/Volume:	5 mL
Date Prepared:	03/08/2010 1145				

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	
108-20-3	Isopropyl ether	3.12	8.3	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-019**

Lab Sample ID: 460-10889-19 Date Sampled: 03/03/2010 1255
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method: 8260B Analysis Batch: 460-31440 Instrument ID: VOAMS4
Preparation: 5030B Lab File ID: d17008.d
Dilution: 50 Initial Weight/Volume: 5 mL
Date Analyzed: 03/08/2010 1302 Final Weight/Volume: 5 mL
Date Prepared: 03/08/2010 1302

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	50	U	12	50
Dichlorodifluoromethane	50	U	14	50
Chloromethane	50	U	10	50
Vinyl chloride	50	U	6.5	50
Bromomethane	50	U	16	50
1,2-Dibromo-3-Chloropropane	50	U	7.5	50
1,2-Dichlorobenzene	50	U	8.0	50
Trichlorofluoromethane	50	U	8.0	50
1,1-Dichloroethene	50	U	7.0	50
1,2-Dichloropropane	50	U	4.5	50
1,1,2-Trichloro-1,2,2-trifluoroethane	50	U	14	50
Acetone	93000	E	120	500
Carbon disulfide	50	U	7.5	50
Methyl acetate	100	U	16	100
Methylene Chloride	50	U	9.5	50
trans-1,2-Dichloroethene	50	U	7.0	50
Chlorodibromomethane	50	U	5.5	50
Methyl tert-butyl ether	630		9.0	50
Chloroethane	50	U *	22	50
1,1-Dichloroethane	50	U	5.0	50
cis-1,2-Dichloroethene	50	U	10	50
2-Butanone (MEK)	500	U	41	500
Chloroform	50	U	7.5	50
Ethylbenzene	19000		12	50
Cyclohexane	50	U	6.5	50
Carbon tetrachloride	50	U	9.5	50
Benzene	1000		6.5	50
1,2-Dichloroethane	50	U	12	50
Trichloroethene	50	U	9.0	50
Methylcyclohexane	50	U	4.5	50
Dichlorobromomethane	50	U	4.6	50
cis-1,3-Dichloropropene	50	U	5.5	50
4-Methyl-2-pentanone (MIBK)	380	J	34	500
Toluene	120000	E	4.5	50
trans-1,3-Dichloropropene	50	U	6.0	50
1,1,2-Trichloroethane	50	U	5.0	50
Tetrachloroethene	50	U	10	50
2-Hexanone	500	U	28	500
1,2-Dibromoethane	50	U	4.5	50
Chlorobenzene	50	U	8.0	50
Xylenes, Total	32000		22	150
Styrene	50	U	6.5	50
Bromoform	50	U	5.0	50
Isopropylbenzene	22	J	10	50
1,1,2,2-Tetrachloroethane	50	U	4.5	50
1,3-Dichlorobenzene	50	U	11	50

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-019**

Lab Sample ID: 460-10889-19 Date Sampled: 03/03/2010 1255
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31440		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d17008.d
Dilution:	50			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2010 1302			Final Weight/Volume:	5 mL
Date Prepared:	03/08/2010 1302				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	50	U	7.5	50
1,2,4-Trichlorobenzene	50	U	22	50

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 122
4-Bromofluorobenzene	114		69 - 135
Toluene-d8 (Surr)	115		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-019**

Lab Sample ID: 460-10889-19 Date Sampled: 03/03/2010 1255
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31440		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d17008.d
Dilution:	50			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2010 1302			Final Weight/Volume:	5 mL
Date Prepared:	03/08/2010 1302				

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	
67-63-0	Isopropyl alcohol	2.57	76000	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-019**

Lab Sample ID: 460-10889-19 Date Sampled: 03/03/2010 1255
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31440		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d17007.d
Dilution:	1000			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2010 1233	Run Type:	DL	Final Weight/Volume:	5 mL
Date Prepared:	03/08/2010 1233				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	96000		2500	10000
Toluene	170000		90	1000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 122
4-Bromofluorobenzene	98		69 - 135
Toluene-d8 (Surr)	98		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-020**

Lab Sample ID: 460-10889-20 Date Sampled: 03/03/2010 1340
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method: 8260B Analysis Batch: 460-31440 Instrument ID: VOAMS4
Preparation: 5030B Lab File ID: d17011.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 03/08/2010 1414 Final Weight/Volume: 5 mL
Date Prepared: 03/08/2010 1414

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10		2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	320		0.18	1.0
Chloroethane	1.0	U *	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	5.7	J	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	3000	E	0.25	1.0
Cyclohexane	5.4		0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	330		0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.1		0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	1.2	J	0.68	10
Toluene	1500	E	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	0.65	J	0.16	1.0
Xylenes, Total	4100	E	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	7.2		0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-020**

Lab Sample ID: 460-10889-20 Date Sampled: 03/03/2010 1340
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31440		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d17011.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2010 1414			Final Weight/Volume:	5 mL
Date Prepared:	03/08/2010 1414				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 122
4-Bromofluorobenzene	99		69 - 135
Toluene-d8 (Surr)	96		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-020**

Lab Sample ID: 460-10889-20 Date Sampled: 03/03/2010 1340
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31440		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d17011.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2010 1414			Final Weight/Volume:	5 mL
Date Prepared:	03/08/2010 1414				

Tentatively Identified Compounds **Number TIC's Found:** **6**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Unknown	1.49	5.6	T J
108-20-3	Isopropyl ether	3.12	14	
994-05-08	Tert-amyl methyl ether	4.52	16	
	C7H14O Ketone	7.79	6.0	T J
	Ethylmethylbenzene isomer	9.42	6.5	T J
496-11-7	Indane	10.22	9.1	T J N

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-020**

Lab Sample ID: 460-10889-20 Date Sampled: 03/03/2010 1340
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31440		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d17013.d
Dilution:	10			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2010 1503	Run Type: DL		Final Weight/Volume:	5 mL
Date Prepared:	03/08/2010 1503				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	2200		2.5	10
Toluene	1200		0.90	10
Xylenes, Total	5400		4.3	30

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 122
4-Bromofluorobenzene	101		69 - 135
Toluene-d8 (Surr)	98		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-021**

Lab Sample ID: 460-10889-21 Date Sampled: 03/03/2010 1400
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method: 8260B Analysis Batch: 460-31440 Instrument ID: VOAMS4
Preparation: 5030B Lab File ID: d17001.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 03/08/2010 1008 Final Weight/Volume: 5 mL
Date Prepared: 03/08/2010 1008

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	18		0.18	1.0
Chloroethane	1.0	U *	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	830	E	0.25	1.0
Cyclohexane	16		0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	15		0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	110		0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	2500	E	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	0.87	J	0.16	1.0
Xylenes, Total	3700	E	0.43	3.0
Styrene	0.81	J	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	9.9		0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-021**

Lab Sample ID: 460-10889-21 Date Sampled: 03/03/2010 1400
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31440		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d17001.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2010 1008			Final Weight/Volume:	5 mL
Date Prepared:	03/08/2010 1008				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 122
4-Bromofluorobenzene	102		69 - 135
Toluene-d8 (Surr)	105		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-021**

Lab Sample ID: 460-10889-21 Date Sampled: 03/03/2010 1400
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31440		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d17001.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2010 1008			Final Weight/Volume:	5 mL
Date Prepared:	03/08/2010 1008				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Trimethylbenzene isomer	10.12	750	T J
	Unknown Aromatic	10.22	930	T J
	Ethyldimethylbenzene isomer	10.29	1100	T J
	Ethyldimethylbenzene isomer-1	10.52	1400	T J
	Ethyldimethylbenzene isomer-2	10.57	1400	T J
	Tetramethylbenzene isomer	10.86	1100	T J
	Tetramethylbenzene isomer-1	10.90	1600	T J
	2,3-dihydro-methyl-1H-Indene isomer	11.05	570	T J
	2,3-dihydro-methyl-1H-Indene isomer-1	11.18	1500	T J
91-20-3	Naphthalene	11.70	1400	E

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-021**

Lab Sample ID: 460-10889-21 Date Sampled: 03/03/2010 1400
Client Matrix: GW Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31440		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d17014.d
Dilution:	10			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2010 1527	Run Type: DL		Final Weight/Volume:	5 mL
Date Prepared:	03/08/2010 1527				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Ethylbenzene	620		2.5	10
Toluene	5000		0.90	10
Xylenes, Total	3000		4.3	30

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 122
4-Bromofluorobenzene	103		69 - 135
Toluene-d8 (Surr)	106		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **TRIP BLANK-017338-030310-ACH-001**

Lab Sample ID: 460-10889-22TB Date Sampled: 03/03/2010 0000
Client Matrix: Water Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16908.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 0908			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 0908				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **TRIP BLANK-017338-030310-ACH-001**

Lab Sample ID: 460-10889-22TB Date Sampled: 03/03/2010 0000
Client Matrix: Water Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16908.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 0908			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 0908				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 122
4-Bromofluorobenzene	92		69 - 135
Toluene-d8 (Surr)	94		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **TRIP BLANK-017338-030310-ACH-001**

Lab Sample ID: 460-10889-22TB Date Sampled: 03/03/2010 0000
Client Matrix: Water Date Received: 03/03/2010 1900

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-31311		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d16908.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 0908			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 0908				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-001**

Lab Sample ID: 460-10889-1 Date Sampled: 03/01/2010 1210
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8516.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0153			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	5.5	10
Phenol	10	U	0.91	10
2,4,6-Trichlorophenol	10	U	3.2	10
Bis(2-chloroethyl)ether	1.0	U	0.42	1.0
2,4-Dichlorophenol	10	U	2.8	10
2-Chlorophenol	10	U	2.7	10
2,4-Dinitrotoluene	2.0	U	0.44	2.0
2,2'-oxybis[1-chloropropane]	10	U	3.3	10
Acetophenone	10	U	4.4	10
2-Methylnaphthalene	10	U	3.2	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.7	10
2-Nitroaniline	20	U	5.8	20
Hexachloroethane	1.0	U	0.51	1.0
Nitrobenzene	1.0	U	0.42	1.0
4-Chloro-3-methylphenol	10	U	2.0	10
Isophorone	10	U	3.7	10
2-Nitrophenol	10	U	3.5	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
2,4-Dimethylphenol	10	U	2.6	10
4-Nitroaniline	20	U	4.1	20
4-Nitrophenol	31	U	2.4	31
Bis(2-chloroethoxy)methane	10	U	3.5	10
Atrazine	10	U	4.9	10
Naphthalene	10	U	3.7	10
Benzaldehyde	10	U *	1.4	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.96	2.0
Benzo[k]fluoranthene	1.0	U	0.31	1.0
Caprolactam	10	U	0.51	10
Carbazole	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.7	10
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
2,4,5-Trichlorophenol	10	U	2.6	10
Dimethyl phthalate	10	U	3.3	10
2-Chloronaphthalene	10	U	3.8	10
Fluoranthene	10	U	2.7	10
Fluorene	10	U	3.3	10
2,6-Dinitrotoluene	2.0	U	0.60	2.0
Acenaphthylene	10	U	4.1	10
3-Nitroaniline	20	U	4.4	20
N-Nitrosodi-n-propylamine	1.0	U	0.33	1.0
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	31	U	4.9	31
Dibenzofuran	10	U	3.7	10
Diethyl phthalate	10	U	3.9	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-001**

Lab Sample ID: 460-10889-1 Date Sampled: 03/01/2010 1210
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8516.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0153			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	31	U	5.3	31
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Di-n-butyl phthalate	10	U	2.8	10
Pyrene	10	U	4.4	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.1	20
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Benzo[g,h,i]perylene	10	U	2.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	103		50 - 119
2-Fluorobiphenyl	89		61 - 112
2-Fluorophenol (Surr)	44		14 - 68
Nitrobenzene-d5 (Surr)	96		61 - 120
Phenol-d5 (Surr)	29		9 - 48
Terphenyl-d14 (Surr)	94		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-001**

Lab Sample ID: 460-10889-1 Date Sampled: 03/01/2010 1210
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8516.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0153			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-001**

Lab Sample ID: 460-10889-1 Date Sampled: 03/01/2010 1210
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-32430		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	h86815.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/18/2010 1517			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.051	U	0.020	0.051
Benzo[a]pyrene	0.051	U	0.031	0.051
Benzo[b]fluoranthene	0.051	U	0.041	0.051
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-002**

Lab Sample ID: 460-10889-2 Date Sampled: 03/01/2010 1315
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8517.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0217			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	5.5	10
Phenol	10	U	0.91	10
2,4,6-Trichlorophenol	10	U	3.2	10
Bis(2-chloroethyl)ether	1.0	U	0.42	1.0
2,4-Dichlorophenol	10	U	2.8	10
2-Chlorophenol	10	U	2.7	10
2,4-Dinitrotoluene	2.0	U	0.44	2.0
2,2'-oxybis[1-chloropropane]	10	U	3.3	10
Acetophenone	10	U	4.4	10
2-Methylnaphthalene	10	U	3.2	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.7	10
2-Nitroaniline	20	U	5.8	20
Hexachloroethane	1.0	U	0.51	1.0
Nitrobenzene	1.0	U	0.42	1.0
4-Chloro-3-methylphenol	10	U	2.0	10
Isophorone	10	U	3.7	10
2-Nitrophenol	10	U	3.5	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
2,4-Dimethylphenol	10	U	2.6	10
4-Nitroaniline	20	U	4.1	20
4-Nitrophenol	31	U	2.4	31
Bis(2-chloroethoxy)methane	10	U	3.5	10
Atrazine	10	U	4.9	10
Naphthalene	10	U	3.7	10
Benzaldehyde	10	U *	1.4	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.96	2.0
Benzo[k]fluoranthene	1.0	U	0.31	1.0
Caprolactam	10	U	0.51	10
Carbazole	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.7	10
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
2,4,5-Trichlorophenol	10	U	2.6	10
Dimethyl phthalate	10	U	3.3	10
2-Chloronaphthalene	10	U	3.8	10
Fluoranthene	10	U	2.7	10
Fluorene	10	U	3.3	10
2,6-Dinitrotoluene	2.0	U	0.60	2.0
Acenaphthylene	10	U	4.1	10
3-Nitroaniline	20	U	4.4	20
N-Nitrosodi-n-propylamine	1.0	U	0.33	1.0
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	31	U	4.9	31
Dibenzofuran	10	U	3.7	10
Diethyl phthalate	10	U	3.9	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-002**

Lab Sample ID: 460-10889-2 Date Sampled: 03/01/2010 1315
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8517.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0217			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	31	U	5.3	31
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Di-n-butyl phthalate	10	U	2.8	10
Pyrene	10	U	4.4	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.1	20
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Benzo[g,h,i]perylene	10	U	2.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	102		50 - 119
2-Fluorobiphenyl	89		61 - 112
2-Fluorophenol (Surr)	45		14 - 68
Nitrobenzene-d5 (Surr)	99		61 - 120
Phenol-d5 (Surr)	30		9 - 48
Terphenyl-d14 (Surr)	90		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-002**

Lab Sample ID: 460-10889-2 Date Sampled: 03/01/2010 1315
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8517.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0217			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-002**

Lab Sample ID: 460-10889-2 Date Sampled: 03/01/2010 1315
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-32430		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	h86816.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/18/2010 1542			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.051	U	0.020	0.051
Benzo[a]pyrene	0.051	U	0.031	0.051
Benzo[b]fluoranthene	0.051	U	0.041	0.051
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-003**

Lab Sample ID: 460-10889-3 Date Sampled: 03/01/2010 1400
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8513.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0041			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	5.5	10
Phenol	10	U	0.91	10
2,4,6-Trichlorophenol	10	U	3.2	10
Bis(2-chloroethyl)ether	1.0	U	0.42	1.0
2,4-Dichlorophenol	10	U	2.8	10
2-Chlorophenol	10	U	2.7	10
2,4-Dinitrotoluene	2.0	U	0.44	2.0
2,2'-oxybis[1-chloropropane]	10	U	3.3	10
Acetophenone	10	U	4.4	10
2-Methylnaphthalene	10	U	3.2	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.7	10
2-Nitroaniline	20	U	5.8	20
Hexachloroethane	1.0	U	0.51	1.0
Nitrobenzene	1.0	U	0.42	1.0
4-Chloro-3-methylphenol	10	U	2.0	10
Isophorone	10	U	3.7	10
2-Nitrophenol	10	U	3.5	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
2,4-Dimethylphenol	10	U	2.6	10
4-Nitroaniline	20	U	4.1	20
4-Nitrophenol	31	U	2.4	31
Bis(2-chloroethoxy)methane	10	U	3.5	10
Atrazine	10	U	4.9	10
Naphthalene	100		3.7	10
Benzaldehyde	10	U *	1.4	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.96	2.0
Benzo[k]fluoranthene	1.0	U	0.31	1.0
Caprolactam	10	U	0.51	10
Carbazole	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.7	10
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
2,4,5-Trichlorophenol	10	U	2.6	10
Dimethyl phthalate	10	U	3.3	10
2-Chloronaphthalene	10	U	3.8	10
Fluoranthene	10	U	2.7	10
Fluorene	10	U	3.3	10
2,6-Dinitrotoluene	2.0	U	0.60	2.0
Acenaphthylene	10	U	4.1	10
3-Nitroaniline	20	U	4.4	20
N-Nitrosodi-n-propylamine	1.0	U	0.33	1.0
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	31	U	4.9	31
Dibenzofuran	10	U	3.7	10
Diethyl phthalate	10	U	3.9	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-003**

Lab Sample ID: 460-10889-3 Date Sampled: 03/01/2010 1400
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8513.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0041			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	31	U	5.3	31
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Di-n-butyl phthalate	10	U	2.8	10
Pyrene	10	U	4.4	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.1	20
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Benzo[g,h,i]perylene	10	U	2.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	106		50 - 119
2-Fluorobiphenyl	94		61 - 112
2-Fluorophenol (Surr)	49		14 - 68
Nitrobenzene-d5 (Surr)	95		61 - 120
Phenol-d5 (Surr)	33		9 - 48
Terphenyl-d14 (Surr)	91		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-003**

Lab Sample ID: 460-10889-3 Date Sampled: 03/01/2010 1400
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8513.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0041			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **8**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
496-11-7	Indane	4.25	78	T J N
	Diethylbenzene isomer	4.40	26	T J
	Ethyldimethylbenzene isomer	4.62	180	T J
	Tetramethylbenzene isomer	4.85	51	T J
	Unknown	4.88	10	T J
	2,3-dihydro-trimethyl-1H-Indene isomer	5.04	10	T J
824-90-8	1-Phenyl-1-butene	5.11	66	T J N
80-05-7	Phenol, 4,4''-(1-methylethylidene)bis-	10.05	58	T J N

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-003**

Lab Sample ID: 460-10889-3 Date Sampled: 03/01/2010 1400
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-32430		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	h86817.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/18/2010 1608			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.051	U	0.020	0.051
Benzo[a]pyrene	0.051	U	0.031	0.051
Benzo[b]fluoranthene	0.051	U	0.041	0.051
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-004**

Lab Sample ID: 460-10889-4 Date Sampled: 03/01/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8518.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0241			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	5.5	10
Phenol	10	U	0.91	10
2,4,6-Trichlorophenol	10	U	3.2	10
Bis(2-chloroethyl)ether	1.0	U	0.42	1.0
2,4-Dichlorophenol	10	U	2.8	10
2-Chlorophenol	10	U	2.7	10
2,4-Dinitrotoluene	2.0	U	0.44	2.0
2,2'-oxybis[1-chloropropane]	10	U	3.3	10
Acetophenone	10	U	4.4	10
2-Methylnaphthalene	10	U	3.2	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.7	10
2-Nitroaniline	20	U	5.8	20
Hexachloroethane	1.0	U	0.51	1.0
Nitrobenzene	1.0	U	0.42	1.0
4-Chloro-3-methylphenol	10	U	2.0	10
Isophorone	10	U	3.7	10
2-Nitrophenol	10	U	3.5	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
2,4-Dimethylphenol	10	U	2.6	10
4-Nitroaniline	20	U	4.1	20
4-Nitrophenol	31	U	2.4	31
Bis(2-chloroethoxy)methane	10	U	3.5	10
Atrazine	10	U	4.9	10
Naphthalene	10	U	3.7	10
Benzaldehyde	10	U *	1.4	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.96	2.0
Benzo[k]fluoranthene	1.0	U	0.31	1.0
Caprolactam	10	U	0.51	10
Carbazole	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.7	10
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
2,4,5-Trichlorophenol	10	U	2.6	10
Dimethyl phthalate	10	U	3.3	10
2-Chloronaphthalene	10	U	3.8	10
Fluoranthene	10	U	2.7	10
Fluorene	10	U	3.3	10
2,6-Dinitrotoluene	2.0	U	0.60	2.0
Acenaphthylene	10	U	4.1	10
3-Nitroaniline	20	U	4.4	20
N-Nitrosodi-n-propylamine	1.0	U	0.33	1.0
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	31	U	4.9	31
Dibenzofuran	10	U	3.7	10
Diethyl phthalate	10	U	3.9	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-004**

Lab Sample ID: 460-10889-4 Date Sampled: 03/01/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8518.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0241			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	31	U	5.3	31
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Di-n-butyl phthalate	10	U	2.8	10
Pyrene	10	U	4.4	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.1	20
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Benzo[g,h,i]perylene	10	U	2.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	88		50 - 119
2-Fluorobiphenyl	84		61 - 112
2-Fluorophenol (Surr)	43		14 - 68
Nitrobenzene-d5 (Surr)	96		61 - 120
Phenol-d5 (Surr)	28		9 - 48
Terphenyl-d14 (Surr)	80		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-004**

Lab Sample ID: 460-10889-4 Date Sampled: 03/01/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8518.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0241			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-004**

Lab Sample ID: 460-10889-4 Date Sampled: 03/01/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-32430		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	h86818.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/18/2010 1633			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.051	U	0.020	0.051
Benzo[a]pyrene	0.051	U	0.031	0.051
Benzo[b]fluoranthene	0.051	U	0.041	0.051
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-005**

Lab Sample ID: 460-10889-5 Date Sampled: 03/02/2010 1210
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8519.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0306			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	5.5	10
Phenol	10	U	0.91	10
2,4,6-Trichlorophenol	10	U	3.2	10
Bis(2-chloroethyl)ether	1.0	U	0.42	1.0
2,4-Dichlorophenol	10	U	2.8	10
2-Chlorophenol	10	U	2.7	10
2,4-Dinitrotoluene	2.0	U	0.44	2.0
2,2'-oxybis[1-chloropropane]	10	U	3.3	10
Acetophenone	10	U	4.4	10
2-Methylnaphthalene	10	U	3.2	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.7	10
2-Nitroaniline	20	U	5.8	20
Hexachloroethane	1.0	U	0.51	1.0
Nitrobenzene	1.0	U	0.42	1.0
4-Chloro-3-methylphenol	10	U	2.0	10
Isophorone	10	U	3.7	10
2-Nitrophenol	10	U	3.5	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
2,4-Dimethylphenol	10	U	2.6	10
4-Nitroaniline	20	U	4.1	20
4-Nitrophenol	31	U	2.4	31
Bis(2-chloroethoxy)methane	10	U	3.5	10
Atrazine	10	U	4.9	10
Naphthalene	10	U	3.7	10
Benzaldehyde	10	U *	1.4	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.96	2.0
Benzo[k]fluoranthene	1.0	U	0.31	1.0
Caprolactam	10	U	0.51	10
Carbazole	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.7	10
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
2,4,5-Trichlorophenol	10	U	2.6	10
Dimethyl phthalate	10	U	3.3	10
2-Chloronaphthalene	10	U	3.8	10
Fluoranthene	10	U	2.7	10
Fluorene	10	U	3.3	10
2,6-Dinitrotoluene	2.0	U	0.60	2.0
Acenaphthylene	10	U	4.1	10
3-Nitroaniline	20	U	4.4	20
N-Nitrosodi-n-propylamine	1.0	U	0.33	1.0
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	31	U	4.9	31
Dibenzofuran	10	U	3.7	10
Diethyl phthalate	10	U	3.9	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-005**

Lab Sample ID: 460-10889-5 Date Sampled: 03/02/2010 1210
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8519.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0306			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	31	U	5.3	31
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Di-n-butyl phthalate	10	U	2.8	10
Pyrene	10	U	4.4	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.1	20
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Benzo[g,h,i]perylene	10	U	2.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	89		50 - 119
2-Fluorobiphenyl	89		61 - 112
2-Fluorophenol (Surr)	44		14 - 68
Nitrobenzene-d5 (Surr)	96		61 - 120
Phenol-d5 (Surr)	29		9 - 48
Terphenyl-d14 (Surr)	90		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-005**

Lab Sample ID: 460-10889-5 Date Sampled: 03/02/2010 1210
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8519.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0306			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-005**

Lab Sample ID: 460-10889-5 Date Sampled: 03/02/2010 1210
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-32430		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	h86819.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/18/2010 1658			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.051	U	0.020	0.051
Benzo[a]pyrene	0.051	U	0.031	0.051
Benzo[b]fluoranthene	0.051	U	0.041	0.051
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **EB-017338-030210-ACH-006**

Lab Sample ID: 460-10889-6EB Date Sampled: 03/02/2010 1230
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8520.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	03/06/2010 0329			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	11	U	5.7	11
Phenol	11	U	0.94	11
2,4,6-Trichlorophenol	11	U	3.3	11
Bis(2-chloroethyl)ether	1.1	U	0.43	1.1
2,4-Dichlorophenol	11	U	2.9	11
2-Chlorophenol	11	U	2.8	11
2,4-Dinitrotoluene	2.1	U	0.45	2.1
2,2'-oxybis[1-chloropropane]	11	U	3.4	11
Acetophenone	11	U	4.5	11
2-Methylnaphthalene	11	U	3.3	11
4-Methylphenol	11	U	1.7	11
2-Methylphenol	11	U	1.7	11
2-Nitroaniline	21	U	6.0	21
Hexachloroethane	1.1	U	0.53	1.1
Nitrobenzene	1.1	U	0.43	1.1
4-Chloro-3-methylphenol	11	U	2.1	11
Isophorone	11	U	3.8	11
2-Nitrophenol	11	U	3.6	11
4-Chlorophenyl phenyl ether	11	U	4.1	11
2,4-Dimethylphenol	11	U	2.6	11
4-Nitroaniline	21	U	4.2	21
4-Nitrophenol	32	U	2.4	32
Bis(2-chloroethoxy)methane	11	U	3.7	11
Atrazine	11	U	5.0	11
Naphthalene	11	U	3.9	11
Benzaldehyde	11	U *	1.4	11
4-Chloroaniline	11	U	2.2	11
Hexachlorobutadiene	2.1	U	0.99	2.1
Benzo[k]fluoranthene	1.1	U	0.32	1.1
Caprolactam	11	U	0.53	11
Carbazole	11	U	3.2	11
Hexachlorocyclopentadiene	11	U	4.8	11
Dibenz(a,h)anthracene	1.1	U	0.17	1.1
2,4,5-Trichlorophenol	11	U	2.6	11
Dimethyl phthalate	11	U	3.4	11
2-Chloronaphthalene	11	U	3.9	11
Fluoranthene	11	U	2.8	11
Fluorene	11	U	3.4	11
2,6-Dinitrotoluene	2.1	U	0.62	2.1
Acenaphthylene	11	U	4.2	11
3-Nitroaniline	21	U	4.6	21
N-Nitrosodi-n-propylamine	1.1	U	0.34	1.1
Acenaphthene	11	U	4.0	11
2,4-Dinitrophenol	32	U	5.1	32
Dibenzofuran	11	U	3.8	11
Diethyl phthalate	11	U	4.0	11

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **EB-017338-030210-ACH-006**

Lab Sample ID: 460-10889-6EB Date Sampled: 03/02/2010 1230
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8520.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	03/06/2010 0329			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	32	U	5.5	32
N-Nitrosodiphenylamine	11	U	4.1	11
4-Bromophenyl phenyl ether	11	U	4.1	11
Phenanthrene	11	U	3.7	11
Anthracene	11	U	3.7	11
Di-n-butyl phthalate	11	U	2.9	11
Pyrene	11	U	4.5	11
Butyl benzyl phthalate	11	U	2.9	11
3,3'-Dichlorobenzidine	21	U	7.3	21
Chrysene	11	U	4.0	11
Bis(2-ethylhexyl) phthalate	11	U	2.5	11
Di-n-octyl phthalate	11	U	2.0	11
Indeno[1,2,3-cd]pyrene	1.1	U	0.13	1.1
Benzo[g,h,i]perylene	11	U	2.9	11

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	88		50 - 119
2-Fluorobiphenyl	82		61 - 112
2-Fluorophenol (Surr)	39		14 - 68
Nitrobenzene-d5 (Surr)	89		61 - 120
Phenol-d5 (Surr)	27		9 - 48
Terphenyl-d14 (Surr)	84		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **EB-017338-030210-ACH-006**

Lab Sample ID: 460-10889-6EB Date Sampled: 03/02/2010 1230
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8520.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	03/06/2010 0329			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **EB-017338-030210-ACH-006**

Lab Sample ID: 460-10889-6EB Date Sampled: 03/02/2010 1230
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-32430		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	h86820.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	03/18/2010 1724			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.053	U	0.021	0.053
Benzo[a]pyrene	0.053	U	0.032	0.053
Benzo[b]fluoranthene	0.053	U	0.042	0.053
Pentachlorophenol	0.21	U	0.15	0.21
Hexachlorobenzene	0.021	U	0.011	0.021

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-007**

Lab Sample ID: 460-10889-7 Date Sampled: 03/02/2010 1310
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8521.d
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	03/06/2010 0354			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	5.6	10
Phenol	10	U	0.93	10
2,4,6-Trichlorophenol	10	U	3.3	10
Bis(2-chloroethyl)ether	1.0	U	0.43	1.0
2,4-Dichlorophenol	10	U	2.9	10
2-Chlorophenol	10	U	2.7	10
2,4-Dinitrotoluene	2.1	U	0.45	2.1
2,2'-oxybis[1-chloropropane]	10	U	3.3	10
Acetophenone	10	U	4.5	10
2-Methylnaphthalene	10	U	3.2	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.7	10
2-Nitroaniline	21	U	5.9	21
Hexachloroethane	1.0	U	0.52	1.0
Nitrobenzene	1.0	U	0.43	1.0
4-Chloro-3-methylphenol	10	U	2.1	10
Isophorone	10	U	3.7	10
2-Nitrophenol	10	U	3.5	10
4-Chlorophenyl phenyl ether	10	U	4.1	10
2,4-Dimethylphenol	10	U	2.6	10
4-Nitroaniline	21	U	4.1	21
4-Nitrophenol	31	U	2.4	31
Bis(2-chloroethoxy)methane	10	U	3.6	10
Atrazine	10	U	5.0	10
Naphthalene	10	U	3.8	10
Benzaldehyde	10	U *	1.4	10
4-Chloroaniline	10	U	2.2	10
Hexachlorobutadiene	2.1	U	0.98	2.1
Benzo[k]fluoranthene	1.0	U	0.31	1.0
Caprolactam	10	U	0.52	10
Carbazole	10	U	3.2	10
Hexachlorocyclopentadiene	10	U	4.8	10
Dibenz(a,h)anthracene	1.0	U	0.17	1.0
2,4,5-Trichlorophenol	10	U	2.6	10
Dimethyl phthalate	10	U	3.4	10
2-Chloronaphthalene	10	U	3.9	10
Fluoranthene	10	U	2.8	10
Fluorene	10	U	3.4	10
2,6-Dinitrotoluene	2.1	U	0.61	2.1
Acenaphthylene	10	U	4.2	10
3-Nitroaniline	21	U	4.5	21
N-Nitrosodi-n-propylamine	1.0	U	0.33	1.0
Acenaphthene	10	U	3.9	10
2,4-Dinitrophenol	31	U	5.0	31
Dibenzofuran	10	U	3.7	10
Diethyl phthalate	10	U	4.0	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-007**

Lab Sample ID: 460-10889-7 Date Sampled: 03/02/2010 1310
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8521.d
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	03/06/2010 0354			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	31	U	5.4	31
N-Nitrosodiphenylamine	10	U	4.0	10
4-Bromophenyl phenyl ether	10	U	4.1	10
Phenanthrene	10	U	3.7	10
Anthracene	10	U	3.7	10
Di-n-butyl phthalate	10	U	2.9	10
Pyrene	10	U	4.4	10
Butyl benzyl phthalate	10	U	2.9	10
3,3'-Dichlorobenzidine	21	U	7.3	21
Chrysene	10	U	3.9	10
Bis(2-ethylhexyl) phthalate	10	U	2.5	10
Di-n-octyl phthalate	10	U	2.0	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Benzo[g,h,i]perylene	10	U	2.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	91		50 - 119
2-Fluorobiphenyl	83		61 - 112
2-Fluorophenol (Surr)	39		14 - 68
Nitrobenzene-d5 (Surr)	90		61 - 120
Phenol-d5 (Surr)	27		9 - 48
Terphenyl-d14 (Surr)	83		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-007**

Lab Sample ID: 460-10889-7 Date Sampled: 03/02/2010 1310
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8521.d
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	03/06/2010 0354			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-007**

Lab Sample ID: 460-10889-7 Date Sampled: 03/02/2010 1310
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-32430		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	h86821.d
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	03/18/2010 1749			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.052	U	0.021	0.052
Benzo[a]pyrene	0.052	U	0.031	0.052
Benzo[b]fluoranthene	0.052	U	0.042	0.052
Pentachlorophenol	0.21	U	0.15	0.21
Hexachlorobenzene	0.021	U	0.010	0.021

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-008**

Lab Sample ID: 460-10889-8 Date Sampled: 03/02/2010 1315
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8522.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0418			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	5.5	10
Phenol	10	U	0.91	10
2,4,6-Trichlorophenol	10	U	3.2	10
Bis(2-chloroethyl)ether	1.0	U	0.42	1.0
2,4-Dichlorophenol	10	U	2.8	10
2-Chlorophenol	10	U	2.7	10
2,4-Dinitrotoluene	2.0	U	0.44	2.0
2,2'-oxybis[1-chloropropane]	10	U	3.3	10
Acetophenone	10	U	4.4	10
2-Methylnaphthalene	10	U	3.2	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.7	10
2-Nitroaniline	20	U	5.8	20
Hexachloroethane	1.0	U	0.51	1.0
Nitrobenzene	1.0	U	0.42	1.0
4-Chloro-3-methylphenol	10	U	2.0	10
Isophorone	10	U	3.7	10
2-Nitrophenol	10	U	3.5	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
2,4-Dimethylphenol	10	U	2.6	10
4-Nitroaniline	20	U	4.1	20
4-Nitrophenol	31	U	2.4	31
Bis(2-chloroethoxy)methane	10	U	3.5	10
Atrazine	10	U	4.9	10
Naphthalene	10	U	3.7	10
Benzaldehyde	10	U *	1.4	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.96	2.0
Benzo[k]fluoranthene	1.0	U	0.31	1.0
Caprolactam	10	U	0.51	10
Carbazole	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.7	10
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
2,4,5-Trichlorophenol	10	U	2.6	10
Dimethyl phthalate	10	U	3.3	10
2-Chloronaphthalene	10	U	3.8	10
Fluoranthene	10	U	2.7	10
Fluorene	10	U	3.3	10
2,6-Dinitrotoluene	2.0	U	0.60	2.0
Acenaphthylene	10	U	4.1	10
3-Nitroaniline	20	U	4.4	20
N-Nitrosodi-n-propylamine	1.0	U	0.33	1.0
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	31	U	4.9	31
Dibenzofuran	10	U	3.7	10
Diethyl phthalate	10	U	3.9	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-008**

Lab Sample ID: 460-10889-8 Date Sampled: 03/02/2010 1315
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8522.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0418			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	31	U	5.3	31
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Di-n-butyl phthalate	10	U	2.8	10
Pyrene	10	U	4.4	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.1	20
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Benzo[g,h,i]perylene	10	U	2.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	81		50 - 119
2-Fluorobiphenyl	78		61 - 112
2-Fluorophenol (Surr)	35		14 - 68
Nitrobenzene-d5 (Surr)	84		61 - 120
Phenol-d5 (Surr)	24		9 - 48
Terphenyl-d14 (Surr)	75		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-008**

Lab Sample ID: 460-10889-8 Date Sampled: 03/02/2010 1315
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8522.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0418			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **1**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
112-36-7	Ethane, 1,1"-oxybis[2-ethoxy-]	4.50	9.5	T J N

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-008**

Lab Sample ID: 460-10889-8 Date Sampled: 03/02/2010 1315
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-32627		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	h86863.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/19/2010 1434			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.042	J	0.020	0.051
Benzo[a]pyrene	0.035	J	0.031	0.051
Benzo[b]fluoranthene	0.050	J	0.041	0.051
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-009**

Lab Sample ID: 460-10889-9 Date Sampled: 03/02/2010 1440
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8523.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	03/06/2010 0442			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	11	U	5.7	11
Phenol	11	U	0.94	11
2,4,6-Trichlorophenol	11	U	3.3	11
Bis(2-chloroethyl)ether	1.1	U	0.43	1.1
2,4-Dichlorophenol	11	U	2.9	11
2-Chlorophenol	11	U	2.8	11
2,4-Dinitrotoluene	2.1	U	0.45	2.1
2,2'-oxybis[1-chloropropane]	11	U	3.4	11
Acetophenone	11	U	4.5	11
2-Methylnaphthalene	3.7	J	3.3	11
4-Methylphenol	11	U	1.7	11
2-Methylphenol	11	U	1.7	11
2-Nitroaniline	21	U	6.0	21
Hexachloroethane	1.1	U	0.53	1.1
Nitrobenzene	1.1	U	0.43	1.1
4-Chloro-3-methylphenol	11	U	2.1	11
Isophorone	11	U	3.8	11
2-Nitrophenol	11	U	3.6	11
4-Chlorophenyl phenyl ether	11	U	4.1	11
2,4-Dimethylphenol	4.8	J	2.6	11
4-Nitroaniline	21	U	4.2	21
4-Nitrophenol	32	U	2.4	32
Bis(2-chloroethoxy)methane	11	U	3.7	11
Atrazine	11	U	5.0	11
Naphthalene	11	U	3.9	11
Benzaldehyde	11	U *	1.4	11
4-Chloroaniline	11	U	2.2	11
Hexachlorobutadiene	2.1	U	0.99	2.1
Benzo[k]fluoranthene	1.1	U	0.32	1.1
Caprolactam	11	U	0.53	11
Carbazole	11	U	3.2	11
Hexachlorocyclopentadiene	11	U	4.8	11
Dibenz(a,h)anthracene	1.1	U	0.17	1.1
2,4,5-Trichlorophenol	11	U	2.6	11
Dimethyl phthalate	11	U	3.4	11
2-Chloronaphthalene	11	U	3.9	11
Fluoranthene	11	U	2.8	11
Fluorene	11	U	3.4	11
2,6-Dinitrotoluene	2.1	U	0.62	2.1
Acenaphthylene	11	U	4.2	11
3-Nitroaniline	21	U	4.6	21
N-Nitrosodi-n-propylamine	1.1	U	0.34	1.1
Acenaphthene	11	U	4.0	11
2,4-Dinitrophenol	32	U	5.1	32
Dibenzofuran	11	U	3.8	11
Diethyl phthalate	11	U	4.0	11

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-009**

Lab Sample ID: 460-10889-9 Date Sampled: 03/02/2010 1440
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8523.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	03/06/2010 0442			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	32	U	5.5	32
N-Nitrosodiphenylamine	11	U	4.1	11
4-Bromophenyl phenyl ether	11	U	4.1	11
Phenanthrene	11	U	3.7	11
Anthracene	11	U	3.7	11
Di-n-butyl phthalate	11	U	2.9	11
Pyrene	11	U	4.5	11
Butyl benzyl phthalate	11	U	2.9	11
3,3'-Dichlorobenzidine	21	U	7.3	21
Chrysene	11	U	4.0	11
Bis(2-ethylhexyl) phthalate	11	U	2.5	11
Di-n-octyl phthalate	11	U	2.0	11
Indeno[1,2,3-cd]pyrene	1.1	U	0.13	1.1
Benzo[g,h,i]perylene	11	U	2.9	11

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	91		50 - 119
2-Fluorobiphenyl	86		61 - 112
2-Fluorophenol (Surr)	25		14 - 68
Nitrobenzene-d5 (Surr)	93		61 - 120
Phenol-d5 (Surr)	31		9 - 48
Terphenyl-d14 (Surr)	82		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-009**

Lab Sample ID: 460-10889-9 Date Sampled: 03/02/2010 1440
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8523.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	03/06/2010 0442			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Unknown Cycloalkane	1.62	20	T J
108-88-3	Toluene	1.92	41	T J N
100-41-4	Ethylbenzene	2.71	190	T J N
	Xylene isomer	3.00	55	T J
	Ethylmethylbenzene isomer	3.28	88	T J
103-65-1	Benzene, propyl-	3.54	42	T J N
	Trimethylbenzene isomer	3.90	9.6	T J
	C9H10 Aromatic	4.25	11	T J
	Tetramethylbenzene isomer	4.85	9.1	T J
	2,3-dihydro-methyl-1H-Indene isomer	5.10	16	T J

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-009**

Lab Sample ID: 460-10889-9 Date Sampled: 03/02/2010 1440
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-32430		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	h86823.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	03/18/2010 1840			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.053	U	0.021	0.053
Benzo[a]pyrene	0.053	U	0.032	0.053
Benzo[b]fluoranthene	0.053	U	0.042	0.053
Pentachlorophenol	0.21	U	0.15	0.21
Hexachlorobenzene	0.021	U	0.011	0.021

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-010**

Lab Sample ID: 460-10889-10 Date Sampled: 03/02/2010 1320
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8524.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	03/06/2010 0506			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	11	U	5.7	11
Phenol	11	U	0.94	11
2,4,6-Trichlorophenol	11	U	3.3	11
Bis(2-chloroethyl)ether	1.1	U	0.43	1.1
2,4-Dichlorophenol	11	U	2.9	11
2-Chlorophenol	11	U	2.8	11
2,4-Dinitrotoluene	2.1	U	0.45	2.1
2,2'-oxybis[1-chloropropane]	11	U	3.4	11
Acetophenone	11	U	4.5	11
2-Methylnaphthalene	11	U	3.3	11
4-Methylphenol	11	U	1.7	11
2-Methylphenol	11	U	1.7	11
2-Nitroaniline	21	U	6.0	21
Hexachloroethane	1.1	U	0.53	1.1
Nitrobenzene	1.1	U	0.43	1.1
4-Chloro-3-methylphenol	11	U	2.1	11
Isophorone	11	U	3.8	11
2-Nitrophenol	11	U	3.6	11
4-Chlorophenyl phenyl ether	11	U	4.1	11
2,4-Dimethylphenol	11	U	2.6	11
4-Nitroaniline	21	U	4.2	21
4-Nitrophenol	32	U	2.4	32
Bis(2-chloroethoxy)methane	11	U	3.7	11
Atrazine	11	U	5.0	11
Naphthalene	11	U	3.9	11
Benzaldehyde	11	U *	1.4	11
4-Chloroaniline	11	U	2.2	11
Hexachlorobutadiene	2.1	U	0.99	2.1
Benzo[k]fluoranthene	1.1	U	0.32	1.1
Caprolactam	0.63	J	0.53	11
Carbazole	11	U	3.2	11
Hexachlorocyclopentadiene	11	U	4.8	11
Dibenz(a,h)anthracene	1.1	U	0.17	1.1
2,4,5-Trichlorophenol	11	U	2.6	11
Dimethyl phthalate	11	U	3.4	11
2-Chloronaphthalene	11	U	3.9	11
Fluoranthene	11	U	2.8	11
Fluorene	11	U	3.4	11
2,6-Dinitrotoluene	2.1	U	0.62	2.1
Acenaphthylene	11	U	4.2	11
3-Nitroaniline	21	U	4.6	21
N-Nitrosodi-n-propylamine	1.1	U	0.34	1.1
Acenaphthene	11	U	4.0	11
2,4-Dinitrophenol	32	U	5.1	32
Dibenzofuran	11	U	3.8	11
Diethyl phthalate	11	U	4.0	11

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-010**

Lab Sample ID: 460-10889-10 Date Sampled: 03/02/2010 1320
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8524.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	03/06/2010 0506			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	32	U	5.5	32
N-Nitrosodiphenylamine	11	U	4.1	11
4-Bromophenyl phenyl ether	11	U	4.1	11
Phenanthrene	11	U	3.7	11
Anthracene	11	U	3.7	11
Di-n-butyl phthalate	11	U	2.9	11
Pyrene	11	U	4.5	11
Butyl benzyl phthalate	11	U	2.9	11
3,3'-Dichlorobenzidine	21	U	7.3	21
Chrysene	11	U	4.0	11
Bis(2-ethylhexyl) phthalate	11	U	2.5	11
Di-n-octyl phthalate	11	U	2.0	11
Indeno[1,2,3-cd]pyrene	1.1	U	0.13	1.1
Benzo[g,h,i]perylene	11	U	2.9	11

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	77		50 - 119
2-Fluorobiphenyl	70		61 - 112
2-Fluorophenol (Surr)	34		14 - 68
Nitrobenzene-d5 (Surr)	79		61 - 120
Phenol-d5 (Surr)	29		9 - 48
Terphenyl-d14 (Surr)	74		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-010**

Lab Sample ID: 460-10889-10 Date Sampled: 03/02/2010 1320
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8524.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	03/06/2010 0506			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-010**

Lab Sample ID: 460-10889-10 Date Sampled: 03/02/2010 1320
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-32430		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	h86824.d
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	03/18/2010 1905			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.031	J	0.021	0.053
Benzo[a]pyrene	0.053	U	0.032	0.053
Benzo[b]fluoranthene	0.053	U	0.042	0.053
Pentachlorophenol	0.21	U	0.15	0.21
Hexachlorobenzene	0.021	U	0.011	0.021

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-011**

Lab Sample ID: 460-10889-11 Date Sampled: 03/02/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8525.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0530			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	5.5	10
Phenol	10	U	0.91	10
2,4,6-Trichlorophenol	10	U	3.2	10
Bis(2-chloroethyl)ether	1.0	U	0.42	1.0
2,4-Dichlorophenol	10	U	2.8	10
2-Chlorophenol	10	U	2.7	10
2,4-Dinitrotoluene	2.0	U	0.44	2.0
2,2'-oxybis[1-chloropropane]	10	U	3.3	10
Acetophenone	10	U	4.4	10
2-Methylnaphthalene	10	U	3.2	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.7	10
2-Nitroaniline	20	U	5.8	20
Hexachloroethane	1.0	U	0.51	1.0
Nitrobenzene	1.0	U	0.42	1.0
4-Chloro-3-methylphenol	10	U	2.0	10
Isophorone	10	U	3.7	10
2-Nitrophenol	10	U	3.5	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
2,4-Dimethylphenol	10	U	2.6	10
4-Nitroaniline	20	U	4.1	20
4-Nitrophenol	31	U	2.4	31
Bis(2-chloroethoxy)methane	10	U	3.5	10
Atrazine	10	U	4.9	10
Naphthalene	10	U	3.7	10
Benzaldehyde	10	U *	1.4	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.96	2.0
Benzo[k]fluoranthene	1.0	U	0.31	1.0
Caprolactam	10	U	0.51	10
Carbazole	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.7	10
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
2,4,5-Trichlorophenol	10	U	2.6	10
Dimethyl phthalate	10	U	3.3	10
2-Chloronaphthalene	10	U	3.8	10
Fluoranthene	10	U	2.7	10
Fluorene	10	U	3.3	10
2,6-Dinitrotoluene	2.0	U	0.60	2.0
Acenaphthylene	10	U	4.1	10
3-Nitroaniline	20	U	4.4	20
N-Nitrosodi-n-propylamine	1.0	U	0.33	1.0
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	31	U	4.9	31
Dibenzofuran	10	U	3.7	10
Diethyl phthalate	10	U	3.9	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-011**

Lab Sample ID: 460-10889-11 Date Sampled: 03/02/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8525.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0530			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	31	U	5.3	31
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Di-n-butyl phthalate	10	U	2.8	10
Pyrene	10	U	4.4	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.1	20
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Benzo[g,h,i]perylene	10	U	2.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	91		50 - 119
2-Fluorobiphenyl	83		61 - 112
2-Fluorophenol (Surr)	39		14 - 68
Nitrobenzene-d5 (Surr)	90		61 - 120
Phenol-d5 (Surr)	27		9 - 48
Terphenyl-d14 (Surr)	82		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-011**

Lab Sample ID: 460-10889-11 Date Sampled: 03/02/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8525.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0530			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-011**

Lab Sample ID: 460-10889-11 Date Sampled: 03/02/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-32430		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	h86825.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/18/2010 1931			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.051	U	0.020	0.051
Benzo[a]pyrene	0.051	U	0.031	0.051
Benzo[b]fluoranthene	0.051	U	0.041	0.051
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-012**

Lab Sample ID: 460-10889-12 Date Sampled: 03/02/2010 1435
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8526.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0554			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	5.5	10
Phenol	10	U	0.91	10
2,4,6-Trichlorophenol	10	U	3.2	10
Bis(2-chloroethyl)ether	1.0	U	0.42	1.0
2,4-Dichlorophenol	10	U	2.8	10
2-Chlorophenol	10	U	2.7	10
2,4-Dinitrotoluene	2.0	U	0.44	2.0
2,2'-oxybis[1-chloropropane]	10	U	3.3	10
Acetophenone	11		4.4	10
2-Methylnaphthalene	10	U	3.2	10
4-Methylphenol	29		1.6	10
2-Methylphenol	10	U	1.7	10
2-Nitroaniline	20	U	5.8	20
Hexachloroethane	1.0	U	0.51	1.0
Nitrobenzene	1.0	U	0.42	1.0
4-Chloro-3-methylphenol	10	U	2.0	10
Isophorone	10	U	3.7	10
2-Nitrophenol	10	U	3.5	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
2,4-Dimethylphenol	10	U	2.6	10
4-Nitroaniline	20	U	4.1	20
4-Nitrophenol	31	U	2.4	31
Bis(2-chloroethoxy)methane	10	U	3.5	10
Atrazine	10	U	4.9	10
Naphthalene	29		3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.96	2.0
Benzo[k]fluoranthene	1.0	U	0.31	1.0
Caprolactam	10	U	0.51	10
Carbazole	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.7	10
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
2,4,5-Trichlorophenol	10	U	2.6	10
Dimethyl phthalate	10	U	3.3	10
2-Chloronaphthalene	10	U	3.8	10
Fluoranthene	10	U	2.7	10
Fluorene	10	U	3.3	10
2,6-Dinitrotoluene	2.0	U	0.60	2.0
Acenaphthylene	10	U	4.1	10
3-Nitroaniline	20	U	4.4	20
N-Nitrosodi-n-propylamine	1.0	U	0.33	1.0
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	31	U	4.9	31
Dibenzofuran	10	U	3.7	10
Diethyl phthalate	10	U	3.9	10
4,6-Dinitro-2-methylphenol	31	U	5.3	31

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-012**

Lab Sample ID: 460-10889-12 Date Sampled: 03/02/2010 1435
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8526.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0554			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Di-n-butyl phthalate	10	U	2.8	10
Pyrene	10	U	4.4	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.1	20
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Benzo[g,h,i]perylene	10	U	2.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	93		50 - 119
2-Fluorobiphenyl	81		61 - 112
2-Fluorophenol (Surr)	19		14 - 68
Nitrobenzene-d5 (Surr)	73		61 - 120
Phenol-d5 (Surr)	23		9 - 48
Terphenyl-d14 (Surr)	79		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-012**

Lab Sample ID: 460-10889-12 Date Sampled: 03/02/2010 1435
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8526.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0554			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Unknown Cycloalkane	1.62	20	T J
75-09-2	Methylene Chloride	1.68	44	T J N
108-88-3	Toluene	1.95	1000	T J N
100-41-4	Ethylbenzene	2.72	460	T J N
	Xylene isomer-1	2.81	620	T J
	Xylene isomer-2	3.01	280	T J
	Ethylmethylbenzene isomer-1	3.28	270	T J
103-65-1	Benzene, propyl-	3.56	370	T J N
496-11-7	Indane	4.26	280	T J N
	Diethylbenzene isomer-1	4.33	130	T J
	Diethylbenzene isomer-2	4.40	79	T J
	Diethylbenzene isomer-3	4.42	20	T J
	Tetramethylbenzene isomer-1	4.85	82	T J
	C10H12 Aromatic	5.04	82	T J
	C10H12 Aromatic-2	5.11	200	T J
65051-83-4	Benzene, (1-methyl-2-cyclopropen-1-yl)-	5.15	26	T J N
	Dimethyl benzoic acid isomer	6.27	22	T J
766-90-5	cis-.beta.-Methylstyrene	6.61	18	T J N
80-05-7	Phenol, 4,4''-(1-methylethylidene)bis-	10.06	440	T J N
	Unknown	13.21	82	T J

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-012**

Lab Sample ID: 460-10889-12 Date Sampled: 03/02/2010 1435
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31837		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8636.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/10/2010 1242			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	5.4	J *	1.4	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	90		61 - 112
Nitrobenzene-d5 (Surr)	77		61 - 120
Terphenyl-d14 (Surr)	99		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-012**

Lab Sample ID: 460-10889-12 Date Sampled: 03/02/2010 1435
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31837		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8636.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/10/2010 1242			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-012**

Lab Sample ID: 460-10889-12 Date Sampled: 03/02/2010 1435
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-32430		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	h86826.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/18/2010 1957			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.051	U	0.020	0.051
Benzo[a]pyrene	0.051	U	0.031	0.051
Benzo[b]fluoranthene	0.051	U	0.041	0.051
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-013**

Lab Sample ID: 460-10889-13 Date Sampled: 03/02/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8527.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0618			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	5.5	10
Phenol	10	U	0.91	10
2,4,6-Trichlorophenol	10	U	3.2	10
Bis(2-chloroethyl)ether	1.0	U	0.42	1.0
2,4-Dichlorophenol	10	U	2.8	10
2-Chlorophenol	10	U	2.7	10
2,4-Dinitrotoluene	2.0	U	0.44	2.0
2,2'-oxybis[1-chloropropane]	10	U	3.3	10
Acetophenone	15		4.4	10
2-Methylnaphthalene	10	U	3.2	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.7	10
2-Nitroaniline	20	U	5.8	20
Hexachloroethane	1.0	U	0.51	1.0
Nitrobenzene	1.0	U	0.42	1.0
4-Chloro-3-methylphenol	10	U	2.0	10
Isophorone	10	U	3.7	10
2-Nitrophenol	10	U	3.5	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
2,4-Dimethylphenol	10	U	2.6	10
4-Nitroaniline	20	U	4.1	20
4-Nitrophenol	31	U	2.4	31
Bis(2-chloroethoxy)methane	10	U	3.5	10
Atrazine	10	U	4.9	10
Benzaldehyde	10	U *	1.4	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.96	2.0
Benzo[k]fluoranthene	1.0	U	0.31	1.0
Caprolactam	10	U	0.51	10
Carbazole	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.7	10
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
2,4,5-Trichlorophenol	10	U	2.6	10
Dimethyl phthalate	10	U	3.3	10
2-Chloronaphthalene	10	U	3.8	10
Fluoranthene	3.4	J	2.7	10
Fluorene	10	U	3.3	10
2,6-Dinitrotoluene	2.0	U	0.60	2.0
Acenaphthylene	10	U	4.1	10
3-Nitroaniline	20	U	4.4	20
N-Nitrosodi-n-propylamine	1.0	U	0.33	1.0
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	31	U	4.9	31
Dibenzofuran	10	U	3.7	10
Diethyl phthalate	10	U	3.9	10
4,6-Dinitro-2-methylphenol	31	U	5.3	31

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-013**

Lab Sample ID: 460-10889-13 Date Sampled: 03/02/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8527.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0618			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Di-n-butyl phthalate	10	U	2.8	10
Pyrene	10	U	4.4	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.1	20
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Benzo[g,h,i]perylene	10	U	2.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	91		50 - 119
2-Fluorobiphenyl	85		61 - 112
2-Fluorophenol (Surr)	36		14 - 68
Nitrobenzene-d5 (Surr)	73		61 - 120
Phenol-d5 (Surr)	24		9 - 48
Terphenyl-d14 (Surr)	73		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-013**

Lab Sample ID: 460-10889-13 Date Sampled: 03/02/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8527.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0618			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **21**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
100-41-4	Ethylbenzene	2.71	190	T J N
	Ethylmethylbenzene isomer	3.28	300	T J
103-65-1	Benzene, propyl-	3.55	340	T J N
	Ethylmethylbenzene isomer-2	3.62	210	T J
	Ethylmethylbenzene isomer-3	3.65	190	T J
	Trimethylbenzene isomer	3.69	180	T J
	Ethylmethylbenzene isomer4	3.77	170	T J
	Trimethylbenzene isomer-2	3.92	440	T J
	Ethylmethylbenzene isomer-5	4.14	160	T J
496-11-7	Indane	4.27	380	T J N
	Diethylbenzene isomer	4.34	240	T J
	Diethylbenzene isomer-2	4.40	110	T J
	Unknown	4.42	47	T J
	Ethyldimethylbenzene isomer	4.62	310	T J
	Tetramethylbenzene isomer	4.86	210	T J
	Ethyldimethylbenzene isomer-2	4.88	65	T J
	C10H12 Aromatic	5.04	240	T J
	C10H12 Aromatic-2	5.12	410	T J
767-59-9	1H-Indene, 1-methyl-	5.15	65	T J N
	Unknown-2	7.27	48	T J
80-05-7	Phenol, 4,4''-(1-methylethylidene)bis-	10.05	470	T J N

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-013**

Lab Sample ID: 460-10889-13 Date Sampled: 03/02/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31814		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8562.d
Dilution:	2.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/07/2010 2030	Run Type: DL		Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Naphthalene	340		7.5	20

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	101		50 - 119
2-Fluorobiphenyl	92		61 - 112
2-Fluorophenol (Surr)	40		14 - 68
Nitrobenzene-d5 (Surr)	79		61 - 120
Phenol-d5 (Surr)	26		9 - 48
Terphenyl-d14 (Surr)	76		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-013**

Lab Sample ID: 460-10889-13 Date Sampled: 03/02/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31814		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8562.d
Dilution:	2.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/07/2010 2030	Run Type:	DL	Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-013**

Lab Sample ID: 460-10889-13 Date Sampled: 03/02/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-32430		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	h86827.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/18/2010 2022			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.052		0.020	0.051
Benzo[a]pyrene	0.051	U	0.031	0.051
Benzo[b]fluoranthene	0.051	U	0.041	0.051
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-014**

Lab Sample ID: 460-10889-14 Date Sampled: 03/03/2010 0955
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8528.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0642			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	5.5	10
Phenol	10	U	0.91	10
2,4,6-Trichlorophenol	10	U	3.2	10
Bis(2-chloroethyl)ether	1.0	U	0.42	1.0
2,4-Dichlorophenol	10	U	2.8	10
2-Chlorophenol	10	U	2.7	10
2,4-Dinitrotoluene	2.0	U	0.44	2.0
2,2'-oxybis[1-chloropropane]	10	U	3.3	10
Acetophenone	10	U	4.4	10
2-Methylnaphthalene	10	U	3.2	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.7	10
2-Nitroaniline	20	U	5.8	20
Hexachloroethane	1.0	U	0.51	1.0
Nitrobenzene	1.0	U	0.42	1.0
4-Chloro-3-methylphenol	10	U	2.0	10
Isophorone	10	U	3.7	10
2-Nitrophenol	10	U	3.5	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
2,4-Dimethylphenol	10	U	2.6	10
4-Nitroaniline	20	U	4.1	20
4-Nitrophenol	31	U	2.4	31
Bis(2-chloroethoxy)methane	10	U	3.5	10
Atrazine	10	U	4.9	10
Naphthalene	10	U	3.7	10
Benzaldehyde	10	U *	1.4	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.96	2.0
Benzo[k]fluoranthene	1.0	U	0.31	1.0
Caprolactam	10	U	0.51	10
Carbazole	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.7	10
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
2,4,5-Trichlorophenol	10	U	2.6	10
Dimethyl phthalate	10	U	3.3	10
2-Chloronaphthalene	10	U	3.8	10
Fluoranthene	10	U	2.7	10
Fluorene	10	U	3.3	10
2,6-Dinitrotoluene	2.0	U	0.60	2.0
Acenaphthylene	10	U	4.1	10
3-Nitroaniline	20	U	4.4	20
N-Nitrosodi-n-propylamine	1.0	U	0.33	1.0
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	31	U	4.9	31
Dibenzofuran	10	U	3.7	10
Diethyl phthalate	10	U	3.9	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-014**

Lab Sample ID: 460-10889-14 Date Sampled: 03/03/2010 0955
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8528.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0642			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	31	U	5.3	31
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Di-n-butyl phthalate	10	U	2.8	10
Pyrene	10	U	4.4	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.1	20
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Benzo[g,h,i]perylene	10	U	2.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	92		50 - 119
2-Fluorobiphenyl	76		61 - 112
2-Fluorophenol (Surr)	38		14 - 68
Nitrobenzene-d5 (Surr)	90		61 - 120
Phenol-d5 (Surr)	25		9 - 48
Terphenyl-d14 (Surr)	86		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-014**

Lab Sample ID: 460-10889-14 Date Sampled: 03/03/2010 0955
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8528.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0642			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-014**

Lab Sample ID: 460-10889-14 Date Sampled: 03/03/2010 0955
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-32430		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	h86829.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/18/2010 2113			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.051	U	0.020	0.051
Benzo[a]pyrene	0.051	U	0.031	0.051
Benzo[b]fluoranthene	0.051	U	0.041	0.051
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-015**

Lab Sample ID: 460-10889-15 Date Sampled: 03/03/2010 1100
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8529.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0706			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	5.5	10
Phenol	10	U	0.91	10
2,4,6-Trichlorophenol	10	U	3.2	10
Bis(2-chloroethyl)ether	1.0	U	0.42	1.0
2,4-Dichlorophenol	10	U	2.8	10
2-Chlorophenol	10	U	2.7	10
2,4-Dinitrotoluene	2.0	U	0.44	2.0
2,2'-oxybis[1-chloropropane]	10	U	3.3	10
Acetophenone	10	U	4.4	10
2-Methylnaphthalene	10	U	3.2	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.7	10
2-Nitroaniline	20	U	5.8	20
Hexachloroethane	1.0	U	0.51	1.0
Nitrobenzene	1.0	U	0.42	1.0
4-Chloro-3-methylphenol	10	U	2.0	10
Isophorone	10	U	3.7	10
2-Nitrophenol	10	U	3.5	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
2,4-Dimethylphenol	10	U	2.6	10
4-Nitroaniline	20	U	4.1	20
4-Nitrophenol	31	U	2.4	31
Bis(2-chloroethoxy)methane	10	U	3.5	10
Atrazine	10	U	4.9	10
Naphthalene	10	U	3.7	10
Benzaldehyde	10	U *	1.4	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.96	2.0
Benzo[k]fluoranthene	1.0	U	0.31	1.0
Caprolactam	10	U	0.51	10
Carbazole	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.7	10
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
2,4,5-Trichlorophenol	10	U	2.6	10
Dimethyl phthalate	10	U	3.3	10
2-Chloronaphthalene	10	U	3.8	10
Fluoranthene	10	U	2.7	10
Fluorene	10	U	3.3	10
2,6-Dinitrotoluene	2.0	U	0.60	2.0
Acenaphthylene	10	U	4.1	10
3-Nitroaniline	20	U	4.4	20
N-Nitrosodi-n-propylamine	1.0	U	0.33	1.0
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	31	U	4.9	31
Dibenzofuran	10	U	3.7	10
Diethyl phthalate	10	U	3.9	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-015**

Lab Sample ID: 460-10889-15 Date Sampled: 03/03/2010 1100
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8529.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0706			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	31	U	5.3	31
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Di-n-butyl phthalate	10	U	2.8	10
Pyrene	10	U	4.4	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.1	20
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Benzo[g,h,i]perylene	10	U	2.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	66		50 - 119
2-Fluorobiphenyl	65		61 - 112
2-Fluorophenol (Surr)	31		14 - 68
Nitrobenzene-d5 (Surr)	74		61 - 120
Phenol-d5 (Surr)	20		9 - 48
Terphenyl-d14 (Surr)	71		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-015**

Lab Sample ID: 460-10889-15 Date Sampled: 03/03/2010 1100
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31598		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	z8529.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0706			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-015**

Lab Sample ID: 460-10889-15 Date Sampled: 03/03/2010 1100
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-32430		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-31280		Lab File ID:	h86830.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/18/2010 2139			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.051	U	0.020	0.051
Benzo[a]pyrene	0.051	U	0.031	0.051
Benzo[b]fluoranthene	0.051	U	0.041	0.051
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-016**

Lab Sample ID: 460-10889-16 Date Sampled: 03/03/2010 1100
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31814		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8553.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1651			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	5.4	10
Phenol	10	U	0.89	10
2,4,6-Trichlorophenol	10	U	3.2	10
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
2,4-Dichlorophenol	10	U	2.8	10
2-Chlorophenol	10	U	2.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
2,2'-oxybis[1-chloropropane]	10	U	3.2	10
Acetophenone	10	U	4.3	10
2-Methylnaphthalene	10	U	3.1	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.7	10
2-Nitroaniline	20	U	5.7	20
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
4-Chloro-3-methylphenol	10	U	2.0	10
Isophorone	10	U	3.6	10
2-Nitrophenol	10	U	3.4	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
2,4-Dimethylphenol	10	U	2.5	10
4-Nitroaniline	20	U	4.0	20
4-Nitrophenol	30	U	2.3	30
Bis(2-chloroethoxy)methane	10	U	3.5	10
Atrazine	10	U	4.8	10
Naphthalene	10	U	3.7	10
Benzaldehyde	10	U *	1.3	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Caprolactam	10	U	0.50	10
Carbazole	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
2,4,5-Trichlorophenol	10	U *	2.5	10
Dimethyl phthalate	10	U	3.3	10
2-Chloronaphthalene	10	U	3.8	10
Fluoranthene	10	U	2.6	10
Fluorene	10	U	3.3	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
Acenaphthylene	10	U	4.0	10
3-Nitroaniline	20	U	4.3	20
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	30	U	4.8	30
Dibenzofuran	10	U	3.6	10
Diethyl phthalate	10	U	3.8	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-016**

Lab Sample ID: 460-10889-16 Date Sampled: 03/03/2010 1100
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31814		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8553.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1651			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	30	U	5.2	30
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Di-n-butyl phthalate	10	U	2.8	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Benzo[g,h,i]perylene	10	U	2.7	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	87		50 - 119
2-Fluorobiphenyl	78		61 - 112
2-Fluorophenol (Surr)	48		14 - 68
Nitrobenzene-d5 (Surr)	82		61 - 120
Phenol-d5 (Surr)	34		9 - 48
Terphenyl-d14 (Surr)	71		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-016**

Lab Sample ID: 460-10889-16 Date Sampled: 03/03/2010 1100
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31814		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8553.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1651			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **6**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
108-90-7	Benzene, chloro-	2.58	330	T J N
13429-07-7	2-Propanol, 1-(2-methoxypropoxy)-	3.98	10	T J N
496-11-7	Indane	4.23	15	T J N
	Unknown-1	6.91	9.6	T J
136-85-6	1H-Benzotriazole, 5-methyl-	7.25	29	T J N
29878-31-7	1H-Benzotriazole, 4-methyl-	7.47	13	T J N

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-016**

Lab Sample ID: 460-10889-16 Date Sampled: 03/03/2010 1100
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-32430		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	h86832.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/18/2010 2230			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.050	U	0.020	0.050
Benzo[a]pyrene	0.050	U	0.030	0.050
Benzo[b]fluoranthene	0.050	U	0.040	0.050
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-017**

Lab Sample ID: 460-10889-17 Date Sampled: 03/03/2010 1130
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31814		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8554.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1715			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	5.4	10
Phenol	1.7	J	0.89	10
2,4,6-Trichlorophenol	10	U	3.2	10
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
2,4-Dichlorophenol	10	U	2.8	10
2-Chlorophenol	10	U	2.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
2,2'-oxybis[1-chloropropane]	10	U	3.2	10
Acetophenone	10	U	4.3	10
2-Methylnaphthalene	10	U	3.1	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.7	10
2-Nitroaniline	20	U	5.7	20
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
4-Chloro-3-methylphenol	10	U	2.0	10
Isophorone	10	U	3.6	10
2-Nitrophenol	10	U	3.4	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
2,4-Dimethylphenol	10	U	2.5	10
4-Nitroaniline	20	U	4.0	20
4-Nitrophenol	30	U	2.3	30
Bis(2-chloroethoxy)methane	10	U	3.5	10
Atrazine	10	U	4.8	10
Naphthalene	19		3.7	10
Benzaldehyde	10	U *	1.3	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Caprolactam	10	U	0.50	10
Carbazole	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
2,4,5-Trichlorophenol	10	U *	2.5	10
Dimethyl phthalate	10	U	3.3	10
2-Chloronaphthalene	10	U	3.8	10
Fluoranthene	10	U	2.6	10
Fluorene	10	U	3.3	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
Acenaphthylene	10	U	4.0	10
3-Nitroaniline	20	U	4.3	20
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	30	U	4.8	30
Dibenzofuran	10	U	3.6	10
Diethyl phthalate	10	U	3.8	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-017**

Lab Sample ID: 460-10889-17 Date Sampled: 03/03/2010 1130
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31814		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8554.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1715			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	30	U	5.2	30
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Di-n-butyl phthalate	10	U	2.8	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Benzo[g,h,i]perylene	10	U	2.7	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	100		50 - 119
2-Fluorobiphenyl	88		61 - 112
2-Fluorophenol (Surr)	52		14 - 68
Nitrobenzene-d5 (Surr)	88		61 - 120
Phenol-d5 (Surr)	39		9 - 48
Terphenyl-d14 (Surr)	82		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-017**

Lab Sample ID: 460-10889-17 Date Sampled: 03/03/2010 1130
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31814		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8554.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1715			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **16**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Unknown	2.10	8.1	T J
19550-46-0	1,3-Dimethylcyclopentanol	2.53	10	T J N
100-41-4	Ethylbenzene	2.69	11	T J N
	Ethylmethylbenzene isomer	3.25	47	T J
103-65-1	Benzene, propyl-	3.52	20	T J N
	Trimethylnaphthalene isomer	3.88	12	T J
	Unknown-2	4.13	19	T J
496-11-7	Indane	4.22	22	T J N
	Unknown-3	4.64	39	T J
	Tetramethylnaphthalene isomer	4.83	10	T J
	Tetramethylbenzene isomer	4.85	9.1	T J
	C10H12 Aromatic	5.07	32	T J
	Unknown-4	6.38	100	T J
	Unknown-5	6.65	15	T J
	Trimethylbenzoic acid isomer	6.77	23	T J
	Trimethylbenzoic acid isomer	6.97	32	T J

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-017**

Lab Sample ID: 460-10889-17 Date Sampled: 03/03/2010 1130
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-32430		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	h86833.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/18/2010 2256			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.050	U	0.020	0.050
Benzo[a]pyrene	0.050	U	0.030	0.050
Benzo[b]fluoranthene	0.050	U	0.040	0.050
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-018**

Lab Sample ID: 460-10889-18 Date Sampled: 03/03/2010 1200
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31814		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8555.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1740			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	5.4	10
Phenol	10	U	0.89	10
2,4,6-Trichlorophenol	10	U	3.2	10
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
2,4-Dichlorophenol	10	U	2.8	10
2-Chlorophenol	10	U	2.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
2,2'-oxybis[1-chloropropane]	10	U	3.2	10
Acetophenone	10	U	4.3	10
2-Methylnaphthalene	10	U	3.1	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.7	10
2-Nitroaniline	20	U	5.7	20
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
4-Chloro-3-methylphenol	10	U	2.0	10
Isophorone	10	U	3.6	10
2-Nitrophenol	10	U	3.4	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
2,4-Dimethylphenol	10	U	2.5	10
4-Nitroaniline	20	U	4.0	20
4-Nitrophenol	30	U	2.3	30
Bis(2-chloroethoxy)methane	10	U	3.5	10
Atrazine	10	U	4.8	10
Naphthalene	10	U	3.7	10
Benzaldehyde	10	U *	1.3	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Caprolactam	10	U	0.50	10
Carbazole	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
2,4,5-Trichlorophenol	10	U *	2.5	10
Dimethyl phthalate	10	U	3.3	10
2-Chloronaphthalene	10	U	3.8	10
Fluoranthene	10	U	2.6	10
Fluorene	10	U	3.3	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
Acenaphthylene	10	U	4.0	10
3-Nitroaniline	20	U	4.3	20
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	30	U	4.8	30
Dibenzofuran	10	U	3.6	10
Diethyl phthalate	10	U	3.8	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-018**

Lab Sample ID: 460-10889-18 Date Sampled: 03/03/2010 1200
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31814		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8555.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1740			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	30	U	5.2	30
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Di-n-butyl phthalate	10	U	2.8	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Benzo[g,h,i]perylene	10	U	2.7	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	92		50 - 119
2-Fluorobiphenyl	83		61 - 112
2-Fluorophenol (Surr)	51		14 - 68
Nitrobenzene-d5 (Surr)	87		61 - 120
Phenol-d5 (Surr)	36		9 - 48
Terphenyl-d14 (Surr)	77		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-018**

Lab Sample ID: 460-10889-18 Date Sampled: 03/03/2010 1200
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31814		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8555.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1740			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-018**

Lab Sample ID: 460-10889-18 Date Sampled: 03/03/2010 1200
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-32627		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	h86859.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/19/2010 1252			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.050	U	0.020	0.050
Benzo[a]pyrene	0.050	U	0.030	0.050
Benzo[b]fluoranthene	0.050	U	0.040	0.050
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-019**

Lab Sample ID: 460-10889-19 Date Sampled: 03/03/2010 1255
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31814		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8556.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1804			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	5.4	10
Phenol	10	U	0.89	10
2,4,6-Trichlorophenol	10	U	3.2	10
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
2,4-Dichlorophenol	10	U	2.8	10
2-Chlorophenol	10	U	2.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
2,2'-oxybis[1-chloropropane]	10	U	3.2	10
Acetophenone	20		4.3	10
2-Methylnaphthalene	10	U	3.1	10
2-Methylphenol	140		1.7	10
2-Nitroaniline	20	U	5.7	20
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
4-Chloro-3-methylphenol	10	U	2.0	10
Isophorone	10	U	3.6	10
2-Nitrophenol	10	U	3.4	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
2,4-Dimethylphenol	220		2.5	10
4-Nitroaniline	20	U	4.0	20
4-Nitrophenol	30	U	2.3	30
Bis(2-chloroethoxy)methane	10	U	3.5	10
Atrazine	10	U	4.8	10
Naphthalene	10	U	3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Caprolactam	10	U	0.50	10
Carbazole	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
2,4,5-Trichlorophenol	10	U *	2.5	10
Dimethyl phthalate	10	U	3.3	10
2-Chloronaphthalene	10	U	3.8	10
Fluoranthene	10	U	2.6	10
Fluorene	10	U	3.3	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
Acenaphthylene	10	U	4.0	10
3-Nitroaniline	20	U	4.3	20
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	30	U	4.8	30
Dibenzofuran	10	U	3.6	10
Diethyl phthalate	10	U	3.8	10
4,6-Dinitro-2-methylphenol	30	U	5.2	30
N-Nitrosodiphenylamine	10	U	3.9	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-019**

Lab Sample ID: 460-10889-19 Date Sampled: 03/03/2010 1255
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31814		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8556.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1804			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4-Bromophenyl phenyl ether	10	U	3.9	10
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Di-n-butyl phthalate	10	U	2.8	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Benzo[g,h,i]perylene	10	U	2.7	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	101		50 - 119
2-Fluorobiphenyl	72		61 - 112
2-Fluorophenol (Surr)	13	X	14 - 68
Nitrobenzene-d5 (Surr)	88		61 - 120
Phenol-d5 (Surr)	40		9 - 48
Terphenyl-d14 (Surr)	74		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-019**

Lab Sample ID: 460-10889-19 Date Sampled: 03/03/2010 1255
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31814		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8556.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1804			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **22**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
108-88-3	Toluene	2.07	7600	T J N
107-92-6	Butanoic acid	2.45	88	T J N
	Unknown	2.61	39	T J
100-41-4	Ethylbenzene	2.78	2300	T J N
	Unknown	2.81	530	T J
	Unknown-2	2.91	2500	T J
	Xylene isomer	3.09	1500	T J
	Ethylmethylbenzene isomer	3.61	25	T J
	Trimethylbenzene isomer	3.89	41	T J
	Unknown Organic Acid	3.92	22	T J
15831-10-4	3 & 4 Methylphenol	4.49	350	E
	Unknown-3	4.52	290	T J
	Nonylphenol isomer	4.75	31	T J
	Unknown-4	4.87	160	T J
	Unknown-5	5.17	29	T J
	Nonylphenol isomer	5.23	55	T J
	Unknown-6	5.72	30	T J
103-82-2	Benzeneacetic acid	5.81	37	T J N
83-33-0	1H-Inden-1-one, 2,3-dihydro-	5.94	69	T J N
	Unknown-7	6.68	3700	T J
	Unknown-8	6.90	25	T J
	Unknown-9	7.01	21	T J

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-019**

Lab Sample ID: 460-10889-19 Date Sampled: 03/03/2010 1255
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31833		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8590.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/09/2010 1535			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	14	*	1.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	87		61 - 112
Nitrobenzene-d5 (Surr)	91		61 - 120
Terphenyl-d14 (Surr)	84		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-019**

Lab Sample ID: 460-10889-19 Date Sampled: 03/03/2010 1255
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31833		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8590.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/09/2010 1535			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-019**

Lab Sample ID: 460-10889-19 Date Sampled: 03/03/2010 1255
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31823		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8572.d
Dilution:	5.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/08/2010 1602	Run Type:	DL	Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4-Methylphenol	370		7.9	50

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	107		50 - 119
2-Fluorobiphenyl	85		61 - 112
2-Fluorophenol (Surr)	27		14 - 68
Nitrobenzene-d5 (Surr)	103		61 - 120
Phenol-d5 (Surr)	46		9 - 48
Terphenyl-d14 (Surr)	96		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-019**

Lab Sample ID: 460-10889-19 Date Sampled: 03/03/2010 1255
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31823		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8572.d
Dilution:	5.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/08/2010 1602	Run Type:	DL	Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-019**

Lab Sample ID: 460-10889-19 Date Sampled: 03/03/2010 1255
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-32627		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	h86860.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/19/2010 1318			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.050	U	0.020	0.050
Benzo[a]pyrene	0.050	U	0.030	0.050
Benzo[b]fluoranthene	0.050	U	0.040	0.050
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-020**

Lab Sample ID: 460-10889-20 Date Sampled: 03/03/2010 1340
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31814		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8557.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1828			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	5.4	10
Phenol	10	U	0.89	10
2,4,6-Trichlorophenol	10	U	3.2	10
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
2,4-Dichlorophenol	10	U	2.8	10
2-Chlorophenol	10	U	2.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
2,2'-oxybis[1-chloropropane]	10	U	3.2	10
Acetophenone	10	U	4.3	10
2-Methylnaphthalene	10	U	3.1	10
4-Methylphenol	8.3	J	1.6	10
2-Methylphenol	2.5	J	1.7	10
2-Nitroaniline	20	U	5.7	20
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
4-Chloro-3-methylphenol	10	U	2.0	10
Isophorone	10	U	3.6	10
2-Nitrophenol	10	U	3.4	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
2,4-Dimethylphenol	30		2.5	10
4-Nitroaniline	20	U	4.0	20
4-Nitrophenol	30	U	2.3	30
Bis(2-chloroethoxy)methane	10	U	3.5	10
Atrazine	10	U	4.8	10
Naphthalene	10	U	3.7	10
Benzaldehyde	10	U *	1.3	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Caprolactam	10	U	0.50	10
Carbazole	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
2,4,5-Trichlorophenol	10	U *	2.5	10
Dimethyl phthalate	10	U	3.3	10
2-Chloronaphthalene	10	U	3.8	10
Fluoranthene	10	U	2.6	10
Fluorene	10	U	3.3	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
Acenaphthylene	10	U	4.0	10
3-Nitroaniline	20	U	4.3	20
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	30	U	4.8	30
Dibenzofuran	10	U	3.6	10
Diethyl phthalate	10	U	3.8	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-020**

Lab Sample ID: 460-10889-20 Date Sampled: 03/03/2010 1340
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31814		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8557.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1828			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	30	U	5.2	30
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Di-n-butyl phthalate	10	U	2.8	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Benzo[g,h,i]perylene	10	U	2.7	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	98		50 - 119
2-Fluorobiphenyl	72		61 - 112
2-Fluorophenol (Surr)	17		14 - 68
Nitrobenzene-d5 (Surr)	89		61 - 120
Phenol-d5 (Surr)	33		9 - 48
Terphenyl-d14 (Surr)	73		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-020**

Lab Sample ID: 460-10889-20 Date Sampled: 03/03/2010 1340
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31814		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8557.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1828			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **18**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Unknown-1	1.57	18	T J
	Unknown-2	1.67	8.5	T J
108-88-3	Toluene	1.92	680	T J N
	Unknown Organic Acid-1	2.18	10	T J
	Unknown Organic Acid-2	2.53	11	T J
100-41-4	Ethylbenzene	2.72	800	T J N
	Xylene isomer-1	2.83	1400	T J
	Xylene isomer-2	2.99	180	T J
	Unknown-3	3.05	50	T J
	Unknown-3	3.96	11	T J
	Unknown-5	4.14	14	T J
15831-10-4	3 & 4 Methylphenol	4.48	8.3	J
	Unknown-6	4.49	16	T J
	Unknown-7	4.94	20	T J
	Unknown Organic Acid-3	5.26	22	T J
	Unknown-8	5.61	12	T J
	Unknown-9	5.70	41	T J
	Unknown-10	6.58	1800	T J

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-020**

Lab Sample ID: 460-10889-20 Date Sampled: 03/03/2010 1340
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-32627		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	h86861.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/19/2010 1343			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.050	U	0.020	0.050
Benzo[a]pyrene	0.050	U	0.030	0.050
Benzo[b]fluoranthene	0.050	U	0.040	0.050
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-021**

Lab Sample ID: 460-10889-21 Date Sampled: 03/03/2010 1400
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31814		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8558.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1852			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	5.4	10
Phenol	10	U	0.89	10
2,4,6-Trichlorophenol	10	U	3.2	10
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
2,4-Dichlorophenol	10	U	2.8	10
2-Chlorophenol	10	U	2.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
2,2'-oxybis[1-chloropropane]	10	U	3.2	10
Acetophenone	180		4.3	10
2-Methylnaphthalene	64		3.1	10
4-Methylphenol	23		1.6	10
2-Methylphenol	7.0	J	1.7	10
2-Nitroaniline	20	U	5.7	20
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
4-Chloro-3-methylphenol	10	U	2.0	10
Isophorone	10	U	3.6	10
2-Nitrophenol	10	U	3.4	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
2,4-Dimethylphenol	15		2.5	10
4-Nitroaniline	20	U	4.0	20
4-Nitrophenol	30	U	2.3	30
Bis(2-chloroethoxy)methane	10	U	3.5	10
Atrazine	10	U	4.8	10
Benzaldehyde	10	U *	1.3	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Caprolactam	10	U	0.50	10
Carbazole	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
2,4,5-Trichlorophenol	10	U *	2.5	10
Dimethyl phthalate	10	U	3.3	10
2-Chloronaphthalene	10	U	3.8	10
Fluoranthene	10	U	2.6	10
Fluorene	10	U	3.3	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
Acenaphthylene	10	U	4.0	10
3-Nitroaniline	20	U	4.3	20
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	30	U	4.8	30
Dibenzofuran	10	U	3.6	10
Diethyl phthalate	10	U	3.8	10
4,6-Dinitro-2-methylphenol	30	U	5.2	30

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-021**

Lab Sample ID: 460-10889-21 Date Sampled: 03/03/2010 1400
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31814		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8558.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1852			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Di-n-butyl phthalate	10	U	2.8	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Benzo[g,h,i]perylene	10	U	2.7	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	92		50 - 119
2-Fluorobiphenyl	76		61 - 112
2-Fluorophenol (Surr)	23		14 - 68
Nitrobenzene-d5 (Surr)	70		61 - 120
Phenol-d5 (Surr)	31		9 - 48
Terphenyl-d14 (Surr)	73		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-021**

Lab Sample ID: 460-10889-21 Date Sampled: 03/03/2010 1400
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31814		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8558.d
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1852			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **23**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
108-88-3	Toluene	1.93	1000	T J N
100-41-4	Ethylbenzene	2.70	340	T J N
	Xylene isomer-1	2.80	780	T J
	Xylene isomer-2	3.00	380	T J
	Trimethylbenzene isomer-1	3.88	120	T J
	Trimethylbenzene isomer-2	4.12	230	T J
496-11-7	Indane	4.24	210	T J N
	Methylpropylbenzene isomer	4.34	160	T J
	Ethyldimethylbenzene isomer-1	4.39	310	T J
15831-10-4	3 & 4 Methylphenol	4.48	23	
	Ethyldimethylbenzene isomer-2	4.54	240	T J
	Ethyldimethylbenzene isomer-3	4.56	180	T J
	Ethyldimethylbenzene isomer-4	4.61	380	T J
	Ethyldimethylbenzene isomer-5	4.64	81	T J
	Unknown-1	4.70	80	T J
	Ethyldimethylbenzene isomer-6	4.75	110	T J
	Tetramethylbenzene isomer-1	4.84	280	T J
	Tetramethylbenzene isomer-2	4.88	360	T J
	C10H12 Aromatic	5.02	180	T J
	Tetramethylbenzene isomer-3	5.10	360	T J
90-12-0	1-Methylnaphthalene	6.15	18	J
	Unknown-2	6.40	140	T J
	Trimethylbenzoic acid isomer	6.98	52	T J

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-021**

Lab Sample ID: 460-10889-21 Date Sampled: 03/03/2010 1400
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31823		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8573.d
Dilution:	10			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/08/2010 1626	Run Type:	DL	Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Naphthalene	1700		37	100

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	0	D	50 - 119
2-Fluorobiphenyl	0	D	61 - 112
2-Fluorophenol (Surr)	0	D	14 - 68
Nitrobenzene-d5 (Surr)	0	D	61 - 120
Phenol-d5 (Surr)	0	D	9 - 48
Terphenyl-d14 (Surr)	0	D	41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-021**

Lab Sample ID: 460-10889-21 Date Sampled: 03/03/2010 1400
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-31823		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	z8573.d
Dilution:	10			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/08/2010 1626	Run Type:	DL	Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-021**

Lab Sample ID: 460-10889-21 Date Sampled: 03/03/2010 1400
Client Matrix: GW Date Received: 03/03/2010 1900

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-32791		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-31376		Lab File ID:	h86925.d
Dilution:	2.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	03/22/2010 1936			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.10	U	0.040	0.10
Benzo[a]pyrene	0.10	U	0.060	0.10
Benzo[b]fluoranthene	0.10	U	0.080	0.10
Pentachlorophenol	0.40	U	0.28	0.40
Hexachlorobenzene	0.040	U	0.020	0.040

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-001**

Lab Sample ID: 460-10889-1 Date Sampled: 03/01/2010 1210
Client Matrix: GW Date Received: 03/03/2010 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-31415		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31300		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/06/2010 0148			Final Weight/Volume:	100 mL
Date Prepared:	03/05/2010 0904				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	6940		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	297		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	54700		72.2	5000
Chromium	11.3		3.2	10.0
Cobalt	5.9	J	2.8	50.0
Copper	19.8	J	3.6	25.0
Iron	25100		40.2	150
Lead	8.1		2.8	5.0
Magnesium	27400		56.9	5000
Manganese	435		2.5	15.0
Nickel	7.1	J	3.5	40.0
Potassium	8520		209	5000
Selenium	10.0	U	4.8	10.0
Silver	1.9	J	0.97	10.0
Sodium	148000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	11.8	J	2.0	50.0
Zinc	23.2	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-31343		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-31286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	03/05/2010 1026			Final Weight/Volume:	30 mL
Date Prepared:	03/05/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.40		0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-002**

Lab Sample ID: 460-10889-2 Date Sampled: 03/01/2010 1315
Client Matrix: GW Date Received: 03/03/2010 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-31415		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31300		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/06/2010 0154			Final Weight/Volume:	100 mL
Date Prepared:	03/05/2010 0904				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	1480		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	292		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	29100		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	25.5	J	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	6370		40.2	150
Lead	2.8	J	2.8	5.0
Magnesium	19100		56.9	5000
Manganese	368		2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	3820	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	1.1	J	0.97	10.0
Sodium	81200		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	2.8	J	2.0	50.0
Zinc	9.6	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-31343		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-31286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	03/05/2010 1027			Final Weight/Volume:	30 mL
Date Prepared:	03/05/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-003**

Lab Sample ID: 460-10889-3 Date Sampled: 03/01/2010 1400
Client Matrix: GW Date Received: 03/03/2010 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-31370		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31300		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/05/2010 1604			Final Weight/Volume:	100 mL
Date Prepared:	03/05/2010 0904				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	1050		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	427		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	49400		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	18.1	J	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	62000		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	30600		56.9	5000
Manganese	1690		2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	3230	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	1.6	J	0.97	10.0
Sodium	86700		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-31343		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-31286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	03/05/2010 1020			Final Weight/Volume:	30 mL
Date Prepared:	03/05/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030110-ACH-004**

Lab Sample ID: 460-10889-4 Date Sampled: 03/01/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-31415		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31300		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/06/2010 0201			Final Weight/Volume:	100 mL
Date Prepared:	03/05/2010 0904				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	1010		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	251		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	43400		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	6530		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	13700		56.9	5000
Manganese	487		2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	4510	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	108000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	2.4	J	2.0	50.0
Zinc	6.2	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-31343		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-31286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	03/05/2010 1033			Final Weight/Volume:	30 mL
Date Prepared:	03/05/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-005**

Lab Sample ID: 460-10889-5 Date Sampled: 03/02/2010 1210
Client Matrix: GW Date Received: 03/03/2010 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-31415		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31300		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/06/2010 0208			Final Weight/Volume:	100 mL
Date Prepared:	03/05/2010 0904				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	2240		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	89.3	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	18900		72.2	5000
Chromium	3.4	J	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	2700		40.2	150
Lead	3.5	J	2.8	5.0
Magnesium	4900	J	56.9	5000
Manganese	14.4	J	2.5	15.0
Nickel	4.1	J	3.5	40.0
Potassium	2930	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	112000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	4.7	J	2.0	50.0
Zinc	46.3		5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-31343		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-31286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	03/05/2010 1035			Final Weight/Volume:	30 mL
Date Prepared:	03/05/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **EB-017338-030210-ACH-006**

Lab Sample ID: 460-10889-6EB Date Sampled: 03/02/2010 1230
Client Matrix: GW Date Received: 03/03/2010 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-31415		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31300		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/06/2010 0214			Final Weight/Volume:	100 mL
Date Prepared:	03/05/2010 0904				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	4.3	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	523	J	72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	330	J	56.9	5000
Manganese	15.0	U	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	5000	U	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	637	J	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-31343		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-31286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	03/05/2010 1037			Final Weight/Volume:	30 mL
Date Prepared:	03/05/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-007**

Lab Sample ID: 460-10889-7 Date Sampled: 03/02/2010 1310
Client Matrix: GW Date Received: 03/03/2010 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-31415		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31300		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/06/2010 0221			Final Weight/Volume:	100 mL
Date Prepared:	03/05/2010 0904				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	1120		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	85.1	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	10800		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	3.6	J	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	850		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	7010		56.9	5000
Manganese	169		2.5	15.0
Nickel	7.8	J	3.5	40.0
Potassium	774	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	14900		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	2.3	J	2.0	50.0
Zinc	28.7	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-31343		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-31286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	03/05/2010 1039			Final Weight/Volume:	30 mL
Date Prepared:	03/05/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-008**

Lab Sample ID: 460-10889-8 Date Sampled: 03/02/2010 1315
Client Matrix: GW Date Received: 03/03/2010 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-31415		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31300		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/06/2010 0228			Final Weight/Volume:	100 mL
Date Prepared:	03/05/2010 0904				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	3230		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	456		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	55600		72.2	5000
Chromium	4.3	J	3.2	10.0
Cobalt	3.2	J	2.8	50.0
Copper	26.2		3.6	25.0
Iron	31300		40.2	150
Lead	7.0		2.8	5.0
Magnesium	32500		56.9	5000
Manganese	528		2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	6610		209	5000
Selenium	10.0	U	4.8	10.0
Silver	5.7	J	0.97	10.0
Sodium	96700		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	5.9	J	2.0	50.0
Zinc	21.5	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-31343		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-31286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	03/05/2010 1041			Final Weight/Volume:	30 mL
Date Prepared:	03/05/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-009**

Lab Sample ID: 460-10889-9 Date Sampled: 03/02/2010 1440
Client Matrix: GW Date Received: 03/03/2010 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-31415		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31300		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/06/2010 0248			Final Weight/Volume:	100 mL
Date Prepared:	03/05/2010 0904				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	859		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	464		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	38500		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	3.8	J	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	26000		40.2	150
Lead	3.7	J	2.8	5.0
Magnesium	32000		56.9	5000
Manganese	1570		2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	4310	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	1.8	J	0.97	10.0
Sodium	86400		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	2.5	J	2.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-31343		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-31286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	03/05/2010 1043			Final Weight/Volume:	30 mL
Date Prepared:	03/05/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-010**

Lab Sample ID: 460-10889-10 Date Sampled: 03/02/2010 1320
Client Matrix: GW Date Received: 03/03/2010 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-31415		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31300		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/06/2010 0254			Final Weight/Volume:	100 mL
Date Prepared:	03/05/2010 0904				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	2460		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	443		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	55100		72.2	5000
Chromium	3.6	J	3.2	10.0
Cobalt	2.8	J	2.8	50.0
Copper	21.9	J	3.6	25.0
Iron	29400		40.2	150
Lead	6.4		2.8	5.0
Magnesium	31800		56.9	5000
Manganese	516		2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	6500		209	5000
Selenium	10.0	U	4.8	10.0
Silver	5.3	J	0.97	10.0
Sodium	95100		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	4.7	J	2.0	50.0
Zinc	17.2	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-31343		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-31286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	03/05/2010 1044			Final Weight/Volume:	30 mL
Date Prepared:	03/05/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-RAM-011**

Lab Sample ID: 460-10889-11 Date Sampled: 03/02/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-31640		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31540		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/09/2010 1817			Final Weight/Volume:	100 mL
Date Prepared:	03/09/2010 0945				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	17300		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	286		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	40800		72.2	5000
Chromium	18.5		3.2	10.0
Cobalt	9.3	J	2.8	50.0
Copper	25.8		3.6	25.0
Iron	23500		40.2	150
Lead	15.3		2.8	5.0
Magnesium	21200		56.9	5000
Manganese	78.7	B	2.5	15.0
Nickel	22.9	J	3.5	40.0
Potassium	8180		209	5000
Selenium	10.0	U	4.8	10.0
Silver	5.1	J	0.97	10.0
Sodium	143000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	30.1	J	2.0	50.0
Zinc	30.6		5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-31343		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-31286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	03/05/2010 1046			Final Weight/Volume:	30 mL
Date Prepared:	03/05/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-012**

Lab Sample ID: 460-10889-12 Date Sampled: 03/02/2010 1435
Client Matrix: GW Date Received: 03/03/2010 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-31640		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31540		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/09/2010 1824			Final Weight/Volume:	100 mL
Date Prepared:	03/09/2010 0945				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	1290		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	13.2		3.8	5.0
Barium	615		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	67200		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	3.1	J	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	28400		40.2	150
Lead	3.1	J	2.8	5.0
Magnesium	25000		56.9	5000
Manganese	933	B	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	14700		209	5000
Selenium	10.0	U	4.8	10.0
Silver	3.4	J	0.97	10.0
Sodium	204000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	2.4	J	2.0	50.0
Zinc	11.4	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-31343		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-31286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	03/05/2010 1048			Final Weight/Volume:	30 mL
Date Prepared:	03/05/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030210-ACH-013**

Lab Sample ID: 460-10889-13 Date Sampled: 03/02/2010 1545
Client Matrix: GW Date Received: 03/03/2010 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-31640		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31540		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/09/2010 1830			Final Weight/Volume:	100 mL
Date Prepared:	03/09/2010 0945				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	1560		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	484		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	96100		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	11400		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	16300		56.9	5000
Manganese	628	B	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	23800		209	5000
Selenium	10.0	U	4.8	10.0
Silver	1.9	J	0.97	10.0
Sodium	219000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	2.7	J	2.0	50.0
Zinc	7.8	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-31343		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-31286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	03/05/2010 1054			Final Weight/Volume:	30 mL
Date Prepared:	03/05/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-014**

Lab Sample ID: 460-10889-14 Date Sampled: 03/03/2010 0955
Client Matrix: GW Date Received: 03/03/2010 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-31640		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31540		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/09/2010 1837			Final Weight/Volume:	100 mL
Date Prepared:	03/09/2010 0945				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	1000		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	57.7	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	15400		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	20.6	J	3.6	25.0
Iron	1460		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	13000		56.9	5000
Manganese	329	B	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	1640	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	58700		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	8.0	J	2.0	50.0
Zinc	6.2	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-31343		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-31286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	03/05/2010 1056			Final Weight/Volume:	30 mL
Date Prepared:	03/05/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-015**

Lab Sample ID: 460-10889-15 Date Sampled: 03/03/2010 1100
Client Matrix: GW Date Received: 03/03/2010 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-31640		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31540		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/09/2010 1844			Final Weight/Volume:	100 mL
Date Prepared:	03/09/2010 0945				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	1560		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	159	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	35600		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	3560		40.2	150
Lead	4.3	J	2.8	5.0
Magnesium	18600		56.9	5000
Manganese	18.3	B	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	4440	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	1.1	J	0.97	10.0
Sodium	33200		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	3.0	J	2.0	50.0
Zinc	9.3	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-31343		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-31286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	03/05/2010 1057			Final Weight/Volume:	30 mL
Date Prepared:	03/05/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-016**

Lab Sample ID: 460-10889-16 Date Sampled: 03/03/2010 1100
Client Matrix: GW Date Received: 03/03/2010 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-31640		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31540		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/09/2010 1850			Final Weight/Volume:	100 mL
Date Prepared:	03/09/2010 0945				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	1340		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	13.9		3.8	5.0
Barium	463		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	36900		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	13.1	J	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	84800		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	31000		56.9	5000
Manganese	2410	B	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	4200	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	2.9	J	0.97	10.0
Sodium	72000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	3.7	J	2.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-31343		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-31286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	03/05/2010 1100			Final Weight/Volume:	30 mL
Date Prepared:	03/05/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-017**

Lab Sample ID: 460-10889-17 Date Sampled: 03/03/2010 1130
Client Matrix: GW Date Received: 03/03/2010 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-31640		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31540		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/09/2010 1911			Final Weight/Volume:	100 mL
Date Prepared:	03/09/2010 0945				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	1030		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	4.6	J	3.8	5.0
Barium	140	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	28700		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	15.9	J	3.6	25.0
Iron	43000		40.2	150
Lead	11.3		2.8	5.0
Magnesium	30000		56.9	5000
Manganese	352	B	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	2030	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	0.99	J	0.97	10.0
Sodium	35200		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	3.3	J	2.0	50.0
Zinc	11.2	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-31343		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-31286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	03/05/2010 1101			Final Weight/Volume:	30 mL
Date Prepared:	03/05/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-018**

Lab Sample ID: 460-10889-18 Date Sampled: 03/03/2010 1200
Client Matrix: GW Date Received: 03/03/2010 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-31742		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31650		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/10/2010 1604			Final Weight/Volume:	100 mL
Date Prepared:	03/10/2010 0920				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	12.0		3.8	5.0
Barium	456		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	48000		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	40.6	J	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	55600		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	39400		56.9	5000
Manganese	870		2.5	15.0
Nickel	3.7	J	3.5	40.0
Potassium	4520	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	1.6	J	0.97	10.0
Sodium	139000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	70.1		5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-31343		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-31286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	03/05/2010 1103			Final Weight/Volume:	30 mL
Date Prepared:	03/05/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-019**

Lab Sample ID: 460-10889-19 Date Sampled: 03/03/2010 1255
Client Matrix: GW Date Received: 03/03/2010 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-31742		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31650		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/10/2010 1624			Final Weight/Volume:	100 mL
Date Prepared:	03/10/2010 0920				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	130	J	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	722		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	92200		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	4.4	J	2.8	50.0
Copper	25.0	U	3.6	25.0
Lead	4.9	J	2.8	5.0
Magnesium	99700		56.9	5000
Nickel	40.0	U	3.5	40.0
Potassium	5050		209	5000
Selenium	10.0	U	4.8	10.0
Silver	9.6	J	0.97	10.0
Sodium	160000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	20.1	J	5.8	30.0

Method:	6010B	Analysis Batch: 460-31742		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31650		Lab File ID:	N/A
Dilution:	3.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/10/2010 1645			Final Weight/Volume:	100 mL
Date Prepared:	03/10/2010 0920				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	264000		120	450
Manganese	23600		7.5	45.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-31343		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-31286		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	03/05/2010 1105			Final Weight/Volume:	30 mL
Date Prepared:	03/05/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-ACH-020**

Lab Sample ID: 460-10889-20 Date Sampled: 03/03/2010 1340
Client Matrix: GW Date Received: 03/03/2010 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-31742		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31650		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/10/2010 1651			Final Weight/Volume:	100 mL
Date Prepared:	03/10/2010 0920				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	459		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	34.7		3.8	5.0
Barium	422		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	73600		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	112		2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	97700		40.2	150
Lead	3.5	J	2.8	5.0
Magnesium	61600		56.9	5000
Manganese	869		2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	4220	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	3.1	J	0.97	10.0
Sodium	108000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	2.7	J	2.0	50.0
Zinc	6.1	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-31343		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-31289		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	03/05/2010 1119			Final Weight/Volume:	30 mL
Date Prepared:	03/05/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Client Sample ID: **GW-017338-030310-RAM-021**

Lab Sample ID: 460-10889-21 Date Sampled: 03/03/2010 1400
Client Matrix: GW Date Received: 03/03/2010 1900

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-31742		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-31650		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	03/10/2010 1658			Final Weight/Volume:	100 mL
Date Prepared:	03/10/2010 0920				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	8740		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	24.3		3.8	5.0
Barium	200	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	27300		72.2	5000
Chromium	11.8		3.2	10.0
Cobalt	6.1	J	2.8	50.0
Copper	17.9	J	3.6	25.0
Iron	54500		40.2	150
Lead	9.3		2.8	5.0
Magnesium	18700		56.9	5000
Manganese	561		2.5	15.0
Nickel	6.5	J	3.5	40.0
Potassium	4340	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	1.6	J	0.97	10.0
Sodium	80000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	17.1	J	2.0	50.0
Zinc	19.7	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-31343		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-31289		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	03/05/2010 1125			Final Weight/Volume:	30 mL
Date Prepared:	03/05/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-10889-1

Surrogate Recovery Report

8260B Volatile Organics (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-10889-1	GW-017338-030110-ACH-001	91	94	94
460-10889-2	GW-017338-030110-ACH-002	100	99	98
460-10889-3	GW-017338-030110-ACH-003	90	96	94
460-10889-4	GW-017338-030110-ACH-004	91	96	95
460-10889-5	GW-017338-030210-RAM-005	97	100	95
460-10889-6	EB-017338-030210-ACH-006	93	97	95
460-10889-7	GW-017338-030210-RAM-007	95	98	95
460-10889-8	GW-017338-030210-ACH-008	97	99	100
460-10889-9	GW-017338-030210-RAM-009	89	96	95
460-10889-10	GW-017338-030210-ACH-010	97	100	100
460-10889-11	GW-017338-030210-RAM-011	96	97	97
460-10889-12 DL	GW-017338-030210-ACH-012 DL	92	96	98
460-10889-12	GW-017338-030210-ACH-012	82	94	96
460-10889-13 DL	GW-017338-030210-ACH-013 DL	93	97	94
460-10889-13	GW-017338-030210-ACH-013	101	96	96
460-10889-14	GW-017338-030310-ACH-014	92	94	95
460-10889-15	GW-017338-030310-RAM-015	91	93	92
460-10889-16	GW-017338-030310-ACH-016	86	86	97

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = 4-Bromofluorobenzene	69-135

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-10889-1

Surrogate Recovery Report

8260B Volatile Organics (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-10889-16 DL	GW-017338-030310-ACH-016 DL	108	106	113
460-10889-17	GW-017338-030310-RAM-017	109	109	110
460-10889-18	GW-017338-030310-ACH-018	104	104	109
460-10889-19 DL	GW-017338-030310-RAM-019 DL	100	98	98
460-10889-19	GW-017338-030310-RAM-019	102	115	114
460-10889-20	GW-017338-030310-ACH-020	94	96	99
460-10889-20 DL	GW-017338-030310-ACH-020 DL	97	98	101
460-10889-21	GW-017338-030310-RAM-021	99	105	102
460-10889-21 DL	GW-017338-030310-RAM-021 DL	106	106	103
460-10889-22	TRIP BLANK-017338-030310-ACH-001	90	94	92
MB 460-31311/4		91	95	94
MB 460-31440/3		108	107	107
LCS 460-31311/3		87	94	93
LCS 460-31440/2		101	101	104
460-10889-3 MS	GW-017338-030110-ACH-003 MS	88	94	96
460-10889-21 MS	GW-017338-030310-RAM-021 MS	97	95	96
460-10889-3 MSD	GW-017338-030110-ACH-003 MSD	94	99	100
460-10889-21 MSD	GW-017338-030310-RAM-021 MSD	95	95	94

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = 4-Bromofluorobenzene	69-135

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Surrogate Recovery Report

8270C Semivolatile Organics (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-10889-1	GW-017338-030110-ACH-001	44	29	96	89	103	94
460-10889-2	GW-017338-030110-ACH-002	45	30	99	89	102	90
460-10889-3	GW-017338-030110-ACH-003	49	33	95	94	106	91
460-10889-4	GW-017338-030110-ACH-004	43	28	96	84	88	80
460-10889-5	GW-017338-030210-RAM-005	44	29	96	89	89	90
460-10889-6	EB-017338-030210-ACH-006	39	27	89	82	88	84
460-10889-7	GW-017338-030210-RAM-007	39	27	90	83	91	83
460-10889-8	GW-017338-030210-ACH-008	35	24	84	78	81	75
460-10889-9	GW-017338-030210-RAM-009	25	31	93	86	91	82
460-10889-10	GW-017338-030210-ACH-010	34	29	79	70	77	74
460-10889-11	GW-017338-030210-RAM-011	39	27	90	83	91	82
460-10889-12	GW-017338-030210-ACH-012	19	23	73	81	93	79
460-10889-13	GW-017338-030210-ACH-013	36	24	73	85	91	73
460-10889-13 DL	GW-017338-030210-ACH-013 DL	40	26	79	92	101	76
460-10889-14	GW-017338-030310-ACH-014	38	25	90	76	92	86
460-10889-15	GW-017338-030310-RAM-015	31	20	74	65	66	71
460-10889-16	GW-017338-030310-ACH-016	48	34	82	78	87	71
460-10889-17	GW-017338-030310-RAM-017	52	39	88	88	100	82

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	14-68
PHL = Phenol-d5 (Surr)	9-48
NBZ = Nitrobenzene-d5 (Surr)	61-120
FBP = 2-Fluorobiphenyl	61-112
TBP = 2,4,6-Tribromophenol (Surr)	50-119
TPH = Terphenyl-d14 (Surr)	41-124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Surrogate Recovery Report

8270C Semivolatile Organics (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-10889-18	GW-017338-030310-ACH-018	51	36	87	83	92	77
460-10889-19	GW-017338-030310-RAM-019	13X	40	88	72	101	74
460-10889-19 DL	GW-017338-030310-RAM-019 DL	27	46	103	85	107	96
460-10889-20	GW-017338-030310-ACH-020	17	33	89	72	98	73
460-10889-21	GW-017338-030310-RAM-021	23	31	70	76	92	73
460-10889-21 DL	GW-017338-030310-RAM-021 DL	0D	0D	0D	0D	0D	0D
MB 460-31280/1-A		46	31	96	91	103	90
MB 460-31376/1-A		51	36	96	87	107	84
LCS 460-31280/2-A		45	29	87	84	94	87
LCS 460-31376/2-A		54	35	98	94	106	90
LCSD 460-31376/3-A		52	34	92	86	97	84
460-10889-3 MS	GW-017338-030110-ACH-003 MS	41	32	81	87	86	76
460-10889-3 MSD	GW-017338-030110-ACH-003 MSD	40	32	81	88	95	80

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	14-68
PHL = Phenol-d5 (Surr)	9-48
NBZ = Nitrobenzene-d5 (Surr)	61-120
FBP = 2-Fluorobiphenyl	61-112
TBP = 2,4,6-Tribromophenol (Surr)	50-119
TPH = Terphenyl-d14 (Surr)	41-124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Surrogate Recovery Report

8270C Semivolatile Organics (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	NBZ %Rec	FBP %Rec	TPH %Rec
460-10889-12	GW-017338-030210-ACH-012	77	90	99
460-10889-19	GW-017338-030310-RAM-019	91	87	84
LCS 460-31280/2-A		89	91	100
LCS 460-31376/2-A		100	100	104
LCSD 460-31376/3-A		95	95	100
460-10889-3 MS	GW-017338-030110-ACH-003 MS	84	92	93
460-10889-3 MSD	GW-017338-030110-ACH-003 MSD	84	98	96

Surrogate	Acceptance Limits
NBZ = Nitrobenzene-d5 (Surr)	61-120
FBP = 2-Fluorobiphenyl	61-112
TPH = Terphenyl-d14 (Surr)	41-124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Method Blank - Batch: 460-31311

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-31311/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/05/2010 0833
Date Prepared: 03/05/2010 0833

Analysis Batch: 460-31311
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS4
Lab File ID: d16907.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Method Blank - Batch: 460-31311

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-31311/4	Analysis Batch:	460-31311	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d16907.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 0833			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 0833				

Analyte	Result	Qual	MDL	RL
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	70 - 122
4-Bromofluorobenzene	94	69 - 135
Toluene-d8 (Surr)	95	69 - 125

Method Blank TICs- Batch: 460-31311

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Control Sample - Batch: 460-31311

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 460-31311/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/05/2010 0744
Date Prepared: 03/05/2010 0744

Analysis Batch: 460-31311
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS4
Lab File ID: d16905.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	20.3	102	74 - 128	
Dichlorodifluoromethane	20.0	22.6	113	46 - 145	
Chloromethane	20.0	19.7	99	58 - 146	
Vinyl chloride	20.0	22.8	114	61 - 144	
Bromomethane	20.0	18.7	93	55 - 153	
1,2-Dibromo-3-Chloropropane	20.0	19.9	99	70 - 116	
1,2-Dichlorobenzene	20.0	19.5	97	82 - 122	
Trichlorofluoromethane	20.0	20.5	103	69 - 147	
1,1-Dichloroethene	20.0	18.8	94	56 - 139	
1,2-Dichloropropane	20.0	19.7	98	80 - 120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.2	96	47 - 139	
Acetone	20.0	23.9	119	45 - 156	
Carbon disulfide	20.0	18.9	95	58 - 139	
Methyl acetate	20.0	20.0	100	50 - 151	
Methylene Chloride	20.0	18.2	91	79 - 119	
trans-1,2-Dichloroethene	20.0	18.2	91	75 - 122	
Chlorodibromomethane	20.0	20.5	103	80 - 120	
Methyl tert-butyl ether	20.0	19.0	95	71 - 115	
Chloroethane	20.0	17.9	89	69 - 145	
1,1-Dichloroethane	20.0	18.6	93	78 - 122	
cis-1,2-Dichloroethene	20.0	19.3	96	80 - 120	
2-Butanone (MEK)	20.0	19.0	95	65 - 114	
Chloroform	20.0	19.5	97	82 - 123	
Ethylbenzene	20.0	20.4	102	79 - 126	
Cyclohexane	20.0	20.3	101	58 - 133	
Carbon tetrachloride	20.0	18.9	94	73 - 120	
Benzene	20.0	19.2	96	83 - 124	
1,2-Dichloroethane	20.0	19.2	96	74 - 118	
Trichloroethene	20.0	19.7	98	78 - 119	
Methylcyclohexane	20.0	19.1	95	61 - 129	
Dichlorobromomethane	20.0	20.1	101	79 - 119	
cis-1,3-Dichloropropene	20.0	19.1	96	80 - 120	
4-Methyl-2-pentanone (MIBK)	20.0	18.2	91	53 - 120	
Toluene	20.0	19.6	98	80 - 120	
trans-1,3-Dichloropropene	20.0	19.5	97	78 - 118	
1,1,2-Trichloroethane	20.0	19.5	98	79 - 119	
Tetrachloroethene	20.0	20.8	104	68 - 139	
2-Hexanone	20.0	17.0	85	53 - 121	
1,2-Dibromoethane	20.0	19.9	100	78 - 118	
Chlorobenzene	20.0	19.6	98	81 - 121	
Styrene	20.0	20.2	101	69 - 112	
Bromoform	20.0	20.6	103	73 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Control Sample - Batch: 460-31311

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-31311/3	Analysis Batch:	460-31311	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d16905.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 0744			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 0744				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Isopropylbenzene	20.0	22.3	112	80 - 125	
1,1,2,2-Tetrachloroethane	20.0	20.1	100	74 - 126	
1,3-Dichlorobenzene	20.0	19.7	99	81 - 126	
1,4-Dichlorobenzene	20.0	19.8	99	83 - 123	
1,2,4-Trichlorobenzene	20.0	20.2	101	66 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87	70 - 122
4-Bromofluorobenzene	93	69 - 135
Toluene-d8 (Surr)	94	69 - 125

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-31311

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-10889-3	Analysis Batch:	460-31311	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d16915.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1158			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1158				

MSD Lab Sample ID:	460-10889-3	Analysis Batch:	460-31311	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d16916.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1222			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1222				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	100	98	74 - 128	2	30		
Dichlorodifluoromethane	114	104	46 - 145	9	30		
Chloromethane	94	105	58 - 146	11	30		
Vinyl chloride	100	99	61 - 144	2	30		
Bromomethane	93	84	55 - 153	11	30		
1,2-Dibromo-3-Chloropropane	128	131	70 - 116	2	30	F	F
1,2-Dichlorobenzene	106	107	82 - 122	1	30		
Trichlorofluoromethane	95	104	69 - 147	9	30		
1,1-Dichloroethene	91	93	56 - 139	2	30		
1,2-Dichloropropane	103	102	80 - 120	1	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	93	93	47 - 139	0	30		
Acetone	107	107	45 - 156	1	30		
Carbon disulfide	90	88	58 - 139	2	30		
Methyl acetate	109	106	50 - 151	3	30		
Methylene Chloride	85	88	79 - 119	3	30		
trans-1,2-Dichloroethene	91	90	75 - 122	1	30		
Chlorodibromomethane	103	108	80 - 120	4	30		
Methyl tert-butyl ether	94	95	71 - 115	1	30		
Chloroethane	90	88	69 - 145	3	30		
1,1-Dichloroethane	93	94	78 - 122	2	30		
cis-1,2-Dichloroethene	97	99	80 - 120	2	30		
2-Butanone (MEK)	103	106	65 - 114	3	30		
Chloroform	98	97	82 - 123	1	30		
Ethylbenzene	105	105	79 - 126	1	30		
Cyclohexane	104	103	58 - 133	1	30		
Carbon tetrachloride	95	89	73 - 120	6	30		
Benzene	94	97	83 - 124	3	30		
1,2-Dichloroethane	100	101	74 - 118	1	30		
Trichloroethene	101	99	78 - 119	2	30		
Methylcyclohexane	93	91	61 - 129	1	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-31311

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-10889-3	Analysis Batch:	460-31311	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d16915.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1158			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1158				

MSD Lab Sample ID:	460-10889-3	Analysis Batch:	460-31311	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d16916.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	03/05/2010 1222			Final Weight/Volume:	5 mL
Date Prepared:	03/05/2010 1222				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorobromomethane	102	104	79 - 119	1	30		
cis-1,3-Dichloropropene	96	100	80 - 120	4	30		
4-Methyl-2-pentanone (MIBK)	112	121	53 - 120	8	30		F
Toluene	99	102	80 - 120	3	30		
trans-1,3-Dichloropropene	102	103	78 - 118	1	30		
1,1,2-Trichloroethane	137	140	79 - 119	2	30	F	F
Tetrachloroethene	102	104	68 - 139	2	30		
2-Hexanone	104	102	53 - 121	2	30		
1,2-Dibromoethane	108	107	78 - 118	1	30		
Chlorobenzene	99	101	81 - 121	2	30		
Styrene	101	104	69 - 112	3	30		
Bromoform	107	111	73 - 123	3	30		
Isopropylbenzene	118	119	80 - 125	1	30		
1,1,2,2-Tetrachloroethane	116	122	74 - 126	5	30		
1,3-Dichlorobenzene	102	103	81 - 126	1	30		
1,4-Dichlorobenzene	103	104	83 - 123	1	30		
1,2,4-Trichlorobenzene	115	117	66 - 120	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	94	70 - 122
4-Bromofluorobenzene	96	100	69 - 135
Toluene-d8 (Surr)	94	99	69 - 125

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-10889-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-31311

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-10889-3	Units: ug/L	MSD Lab Sample ID:	460-10889-3	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	03/05/2010 1158		Date Analyzed:	03/05/2010 1222	
Date Prepared:	03/05/2010 1158		Date Prepared:	03/05/2010 1222	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1,1-Trichloroethane	1.0	U	20.0	20.0	20.1		19.6	
Dichlorodifluoromethane	1.0	U	20.0	20.0	22.8		20.9	
Chloromethane	1.0	U	20.0	20.0	18.8		21.1	
Vinyl chloride	1.0	U	20.0	20.0	20.1		19.7	
Bromomethane	1.0	U	20.0	20.0	18.6		16.7	
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	20.0	25.6	F	26.2	F
1,2-Dichlorobenzene	1.0	U	20.0	20.0	21.1		21.3	
Trichlorofluoromethane	1.0	U	20.0	20.0	19.0		20.8	
1,1-Dichloroethene	1.0	U	20.0	20.0	18.2		18.5	
1,2-Dichloropropane	1.0	U	20.0	20.0	20.5		20.4	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	20.0	18.5		18.6	
Acetone	10	U	20.0	20.0	21.4		21.3	
Carbon disulfide	1.0	U	20.0	20.0	18.1		17.6	
Methyl acetate	2.0	U	20.0	20.0	21.8		21.3	
Methylene Chloride	1.0	U	20.0	20.0	17.0		17.5	
trans-1,2-Dichloroethene	1.0	U	20.0	20.0	18.1		18.0	
Chlorodibromomethane	1.0	U	20.0	20.0	20.7		21.6	
Methyl tert-butyl ether	3.1		20.0	20.0	21.9		22.0	
Chloroethane	1.0	U	20.0	20.0	18.0		17.5	
1,1-Dichloroethane	1.0	U	20.0	20.0	18.5		18.8	
cis-1,2-Dichloroethene	1.0	U	20.0	20.0	19.4		19.8	
2-Butanone (MEK)	10	U	20.0	20.0	20.6		21.3	
Chloroform	1.0	U	20.0	20.0	19.6		19.5	
Ethylbenzene	0.31	J	20.0	20.0	21.2		21.3	
Cyclohexane	2.3		20.0	20.0	23.0		22.8	
Carbon tetrachloride	1.0	U	20.0	20.0	19.0		17.8	
Benzene	2.2		20.0	20.0	21.1		21.6	
1,2-Dichloroethane	1.0	U	20.0	20.0	20.0		20.2	
Trichloroethene	1.0	U	20.0	20.0	20.2		19.9	
Methylcyclohexane	10		20.0	20.0	28.9		28.6	
Dichlorobromomethane	1.0	U	20.0	20.0	20.5		20.7	
cis-1,3-Dichloropropene	1.0	U	20.0	20.0	19.2		20.0	
4-Methyl-2-pentanone (MIBK)	10	U	20.0	20.0	22.3		24.1	F
Toluene	0.58	J	20.0	20.0	20.3		20.9	
trans-1,3-Dichloropropene	1.0	U	20.0	20.0	20.5		20.6	
1,1,2-Trichloroethane	1.0	U	20.0	20.0	27.4	F	27.9	F
Tetrachloroethene	1.0	U	20.0	20.0	20.5		20.8	
2-Hexanone	10	U	20.0	20.0	20.7		20.3	
1,2-Dibromoethane	1.0	U	20.0	20.0	21.6		21.3	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-10889-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-31311

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-10889-3	Units: ug/L	MSD Lab Sample ID:	460-10889-3	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	03/05/2010 1158		Date Analyzed:	03/05/2010 1222	
Date Prepared:	03/05/2010 1158		Date Prepared:	03/05/2010 1222	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chlorobenzene	1.7		20.0	20.0	21.4	21.8
Styrene	1.0	U	20.0	20.0	20.3	20.8
Bromoform	1.0	U	20.0	20.0	21.5	22.1
Isopropylbenzene	3.3		20.0	20.0	26.9	27.1
1,1,2,2-Tetrachloroethane	1.0	U	20.0	20.0	23.2	24.4
1,3-Dichlorobenzene	1.0	U	20.0	20.0	20.4	20.7
1,4-Dichlorobenzene	1.0	U	20.0	20.0	20.7	20.9
1,2,4-Trichlorobenzene	1.0	U	20.0	20.0	22.9	23.4

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Method Blank - Batch: 460-31440

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-31440/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/08/2010 0932
Date Prepared: 03/08/2010 0932

Analysis Batch: 460-31440
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS4
Lab File ID: d17000.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Method Blank - Batch: 460-31440

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-31440/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/08/2010 0932
Date Prepared: 03/08/2010 0932

Analysis Batch: 460-31440
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS4
Lab File ID: d17000.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	70 - 122
4-Bromofluorobenzene	107	69 - 135
Toluene-d8 (Surr)	107	69 - 125

Method Blank TICs- Batch: 460-31440

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Control Sample - Batch: 460-31440

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 460-31440/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/08/2010 0844
Date Prepared: 03/08/2010 0844

Analysis Batch: 460-31440
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS4
Lab File ID: d16998.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	19.6	98	74 - 128	
Dichlorodifluoromethane	20.0	17.2	86	46 - 145	
Chloromethane	20.0	19.7	98	58 - 146	
Vinyl chloride	20.0	16.7	83	61 - 144	
Bromomethane	20.0	16.9	85	55 - 153	
1,2-Dibromo-3-Chloropropane	20.0	21.9	109	70 - 116	
1,2-Dichlorobenzene	20.0	20.1	100	82 - 122	
Trichlorofluoromethane	20.0	15.1	76	69 - 147	
1,1-Dichloroethene	20.0	19.9	100	56 - 139	
1,2-Dichloropropane	20.0	20.1	101	80 - 120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.7	98	47 - 139	
Acetone	20.0	19.0	95	45 - 156	
Carbon disulfide	20.0	20.9	104	58 - 139	
Methyl acetate	20.0	21.9	109	50 - 151	
Methylene Chloride	20.0	19.5	97	79 - 119	
trans-1,2-Dichloroethene	20.0	18.8	94	75 - 122	
Chlorodibromomethane	20.0	20.4	102	80 - 120	
Methyl tert-butyl ether	20.0	21.2	106	71 - 115	
Chloroethane	20.0	9.72	49	69 - 145	*
1,1-Dichloroethane	20.0	19.4	97	78 - 122	
cis-1,2-Dichloroethene	20.0	20.2	101	80 - 120	
2-Butanone (MEK)	20.0	20.4	102	65 - 114	
Chloroform	20.0	20.1	100	82 - 123	
Ethylbenzene	20.0	19.9	99	79 - 126	
Cyclohexane	20.0	20.8	104	58 - 133	
Carbon tetrachloride	20.0	19.8	99	73 - 120	
Benzene	20.0	19.4	97	83 - 124	
1,2-Dichloroethane	20.0	20.1	101	74 - 118	
Trichloroethene	20.0	20.0	100	78 - 119	
Methylcyclohexane	20.0	20.3	101	61 - 129	
Dichlorobromomethane	20.0	20.5	103	79 - 119	
cis-1,3-Dichloropropene	20.0	19.5	98	80 - 120	
4-Methyl-2-pentanone (MIBK)	20.0	20.4	102	53 - 120	
Toluene	20.0	20.0	100	80 - 120	
trans-1,3-Dichloropropene	20.0	20.8	104	78 - 118	
1,1,2-Trichloroethane	20.0	20.1	101	79 - 119	
Tetrachloroethene	20.0	20.4	102	68 - 139	
2-Hexanone	20.0	18.2	91	53 - 121	
1,2-Dibromoethane	20.0	20.4	102	78 - 118	
Chlorobenzene	20.0	20.2	101	81 - 121	
Styrene	20.0	20.8	104	69 - 112	
Bromoform	20.0	21.6	108	73 - 123	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Control Sample - Batch: 460-31440

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-31440/2	Analysis Batch:	460-31440	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d16998.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2010 0844			Final Weight/Volume:	5 mL
Date Prepared:	03/08/2010 0844				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Isopropylbenzene	20.0	21.4	107	80 - 125	
1,1,2,2-Tetrachloroethane	20.0	20.8	104	74 - 126	
1,3-Dichlorobenzene	20.0	19.6	98	81 - 126	
1,4-Dichlorobenzene	20.0	20.0	100	83 - 123	
1,2,4-Trichlorobenzene	20.0	20.8	104	66 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	70 - 122
4-Bromofluorobenzene	104	69 - 135
Toluene-d8 (Surr)	101	69 - 125

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-31440

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-10889-21	Analysis Batch:	460-31440	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d17002.d
Dilution:	50			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2010 1033			Final Weight/Volume:	5 mL
Date Prepared:	03/08/2010 1033				

MSD Lab Sample ID:	460-10889-21	Analysis Batch:	460-31440	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d17003.d
Dilution:	50			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2010 1057			Final Weight/Volume:	5 mL
Date Prepared:	03/08/2010 1057				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	92	85	74 - 128	8	30		
Dichlorodifluoromethane	56	49	46 - 145	14	30		
Chloromethane	94	95	58 - 146	0	30		
Vinyl chloride	66	62	61 - 144	6	30		
Bromomethane	103	104	55 - 153	1	30		
1,2-Dibromo-3-Chloropropane	98	90	70 - 116	9	30		
1,2-Dichlorobenzene	96	89	82 - 122	8	30		
Trichlorofluoromethane	95	84	69 - 147	13	30		
1,1-Dichloroethene	93	92	56 - 139	1	30		
1,2-Dichloropropane	93	87	80 - 120	6	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	75	79	47 - 139	5	30		
Acetone	98	110	45 - 156	11	30		
Carbon disulfide	82	78	58 - 139	4	30		
Methyl acetate	80	75	50 - 151	7	30		
Methylene Chloride	85	85	79 - 119	1	30		
trans-1,2-Dichloroethene	86	82	75 - 122	5	30		
Chlorodibromomethane	95	90	80 - 120	5	30		
Methyl tert-butyl ether	73	70	71 - 115	4	30		F
Chloroethane	49	46	69 - 145	6	30	F	F
1,1-Dichloroethane	89	86	78 - 122	4	30		
cis-1,2-Dichloroethene	93	89	80 - 120	5	30		
2-Butanone (MEK)	74	73	65 - 114	2	30		
Chloroform	94	86	82 - 123	8	30		
Ethylbenzene	107	95	79 - 126	8	30		
Cyclohexane	80	76	58 - 133	5	30		
Carbon tetrachloride	93	88	73 - 120	6	30		
Benzene	95	88	83 - 124	8	30		
1,2-Dichloroethane	87	81	74 - 118	8	30		
Trichloroethene	91	85	78 - 119	6	30		
Methylcyclohexane	76	73	61 - 129	4	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-31440

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-10889-21	Analysis Batch:	460-31440	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d17002.d
Dilution:	50			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2010 1033			Final Weight/Volume:	5 mL
Date Prepared:	03/08/2010 1033				

MSD Lab Sample ID:	460-10889-21	Analysis Batch:	460-31440	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d17003.d
Dilution:	50			Initial Weight/Volume:	5 mL
Date Analyzed:	03/08/2010 1057			Final Weight/Volume:	5 mL
Date Prepared:	03/08/2010 1057				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorobromomethane	92	88	79 - 119	4	30		
cis-1,3-Dichloropropene	97	90	80 - 120	7	30		
4-Methyl-2-pentanone (MIBK)	73	69	53 - 120	5	30		
Toluene	118	85	80 - 120	6	30	4	4
trans-1,3-Dichloropropene	97	93	78 - 118	5	30		
1,1,2-Trichloroethane	105	98	79 - 119	6	30		
Tetrachloroethene	98	93	68 - 139	5	30		
2-Hexanone	62	60	53 - 121	3	30		
1,2-Dibromoethane	96	88	78 - 118	8	30		
Chlorobenzene	94	89	81 - 121	6	30		
Styrene	100	93	69 - 112	7	30		
Bromoform	97	91	73 - 123	5	30		
Isopropylbenzene	106	100	80 - 125	6	30		
1,1,2,2-Tetrachloroethane	98	93	74 - 126	5	30		
1,3-Dichlorobenzene	100	92	81 - 126	8	30		
1,4-Dichlorobenzene	98	91	83 - 123	8	30		
1,2,4-Trichlorobenzene	104	100	66 - 120	4	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	95	70 - 122
4-Bromofluorobenzene	96	94	69 - 135
Toluene-d8 (Surr)	95	95	69 - 125

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-10889-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-31440

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-10889-21	Units: ug/L	MSD Lab Sample ID:	460-10889-21	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	50		Dilution:	50	
Date Analyzed:	03/08/2010 1033		Date Analyzed:	03/08/2010 1057	
Date Prepared:	03/08/2010 1033		Date Prepared:	03/08/2010 1057	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1,1-Trichloroethane	10	U	1000	1000	921		852	
Dichlorodifluoromethane	10	U	1000	1000	559		488	
Chloromethane	10	U	1000	1000	944		948	
Vinyl chloride	10	U	1000	1000	662		623	
Bromomethane	10	U	1000	1000	1030		1040	
1,2-Dibromo-3-Chloropropane	10	U	1000	1000	981		897	
1,2-Dichlorobenzene	10	U	1000	1000	964		895	
Trichlorofluoromethane	10	U	1000	1000	954		837	
1,1-Dichloroethene	10	U	1000	1000	928		915	
1,2-Dichloropropane	10	U	1000	1000	932		874	
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	1000	1000	755		791	
Acetone	100	U	1000	1000	982		1100	
Carbon disulfide	10	U	1000	1000	818		782	
Methyl acetate	20	U	1000	1000	803		752	
Methylene Chloride	10	U	1000	1000	847		854	
trans-1,2-Dichloroethene	10	U	1000	1000	862		816	
Chlorodibromomethane	10	U	1000	1000	946		899	
Methyl tert-butyl ether	16		1000	1000	742		712	F
Chloroethane	10	U	1000	1000	487	F	459	F
1,1-Dichloroethane	10	U	1000	1000	894		858	
cis-1,2-Dichloroethene	10	U	1000	1000	935		891	
2-Butanone (MEK)	100	U	1000	1000	741		730	
Chloroform	10	U	1000	1000	937		864	
Ethylbenzene	620		1000	1000	1690		1570	
Cyclohexane	10	U	1000	1000	804		762	
Carbon tetrachloride	10	U	1000	1000	932		880	
Benzene	13		1000	1000	964		892	
1,2-Dichloroethane	10	U	1000	1000	875		810	
Trichloroethene	10	U	1000	1000	908		854	
Methylcyclohexane	65		1000	1000	827		791	
Dichlorobromomethane	10	U	1000	1000	920		883	
cis-1,3-Dichloropropene	10	U	1000	1000	970		901	
4-Methyl-2-pentanone (MIBK)	100	U	1000	1000	726		691	
Toluene	5000		1000	1000	6150	4	5810	4
trans-1,3-Dichloropropene	10	U	1000	1000	971		926	
1,1,2-Trichloroethane	10	U	1000	1000	1050		984	
Tetrachloroethene	10	U	1000	1000	978		926	
2-Hexanone	100	U	1000	1000	620		599	
1,2-Dibromoethane	10	U	1000	1000	960		882	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-10889-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-31440

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-10889-21	Units: ug/L	MSD Lab Sample ID:	460-10889-21	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	50		Dilution:	50	
Date Analyzed:	03/08/2010 1033		Date Analyzed:	03/08/2010 1057	
Date Prepared:	03/08/2010 1033		Date Prepared:	03/08/2010 1057	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chlorobenzene	10	U	1000	1000	944	889
Styrene	10	U	1000	1000	997	927
Bromoform	10	U	1000	1000	965	915
Isopropylbenzene	7.5	J	1000	1000	1070	1000
1,1,2,2-Tetrachloroethane	10	U	1000	1000	977	934
1,3-Dichlorobenzene	10	U	1000	1000	999	921
1,4-Dichlorobenzene	10	U	1000	1000	980	908
1,2,4-Trichlorobenzene	10	U	1000	1000	1040	1000

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Method Blank - Batch: 460-31280

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 460-31280/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2010 2005
Date Prepared: 03/05/2010 0735

Analysis Batch: 460-31814
Prep Batch: 460-31280
Units: ug/L

Instrument ID: BNAMS11
Lab File ID: z8561.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
1,1'-Biphenyl	10	U	5.4	10
Phenol	10	U	0.89	10
2,4,6-Trichlorophenol	10	U	3.2	10
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
2,4-Dichlorophenol	10	U	2.8	10
2-Chlorophenol	10	U	2.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
2,2'-oxybis[1-chloropropane]	10	U	3.2	10
Acetophenone	10	U	4.3	10
2-Methylnaphthalene	10	U	3.1	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.7	10
2-Nitroaniline	20	U	5.7	20
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
4-Chloro-3-methylphenol	10	U	2.0	10
Isophorone	10	U	3.6	10
2-Nitrophenol	10	U	3.4	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
2,4-Dimethylphenol	10	U	2.5	10
4-Nitroaniline	20	U	4.0	20
4-Nitrophenol	30	U	2.3	30
Bis(2-chloroethoxy)methane	10	U	3.5	10
Atrazine	10	U	4.8	10
Naphthalene	10	U	3.7	10
Benzaldehyde	10	U	1.3	10
4-Chloroaniline	10	U	2.1	10
Benzo[a]pyrene	1.0	U	0.18	1.0
Hexachlorobutadiene	2.0	U	0.94	2.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Caprolactam	10	U	0.50	10
Carbazole	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
2,4,5-Trichlorophenol	10	U	2.5	10
Dimethyl phthalate	10	U	3.3	10
2-Chloronaphthalene	10	U	3.8	10
Fluoranthene	10	U	2.6	10
Fluorene	10	U	3.3	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
Acenaphthylene	10	U	4.0	10

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Method Blank - Batch: 460-31280

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 460-31280/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2010 2005
Date Prepared: 03/05/2010 0735

Analysis Batch: 460-31814
Prep Batch: 460-31280
Units: ug/L

Instrument ID: BNAMS11
Lab File ID: z8561.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
3-Nitroaniline	20	U	4.3	20
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	30	U	4.8	30
Dibenzofuran	10	U	3.6	10
Diethyl phthalate	10	U	3.8	10
4,6-Dinitro-2-methylphenol	30	U	5.2	30
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10
Hexachlorobenzene	1.0	U	0.27	1.0
Pentachlorophenol	30	U	5.1	30
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Di-n-butyl phthalate	10	U	2.8	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Benzo[g,h,i]perylene	10	U	2.7	10

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	103	50 - 119
2-Fluorobiphenyl	91	61 - 112
2-Fluorophenol (Surr)	46	14 - 68
Nitrobenzene-d5 (Surr)	96	61 - 120
Phenol-d5 (Surr)	31	9 - 48
Terphenyl-d14 (Surr)	90	41 - 124

Method Blank TICs- Batch: 460-31280

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Method Blank - Batch: 460-31280

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 460-31280/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/18/2010 1451
Date Prepared: 03/05/2010 0735

Analysis Batch: 460-32430
Prep Batch: 460-31280
Units: ug/L

Instrument ID: BNAMS9
Lab File ID: h86814.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Benzo[a]anthracene	0.050	U	0.020	0.050
Benzo[a]pyrene	0.050	U	0.030	0.050
Benzo[b]fluoranthene	0.050	U	0.040	0.050
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Control Sample - Batch: 460-31280

Method: 8270C
Preparation: 3510C

Lab Sample ID: LCS 460-31280/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/06/2010 0005
Date Prepared: 03/05/2010 0735

Analysis Batch: 460-31598
Prep Batch: 460-31280
Units: ug/L

Instrument ID: BNAMS11
Lab File ID: z8512.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1'-Biphenyl	100	91.2	91	63 - 123	
Phenol	100	35.4	35	31 - 128	
2,4,6-Trichlorophenol	100	89.3	89	70 - 112	
Bis(2-chloroethyl)ether	100	88.0	88	76 - 132	
2,4-Dichlorophenol	100	87.6	88	66 - 108	
2-Chlorophenol	100	75.2	75	57 - 96	
2,4-Dinitrotoluene	100	96.8	97	71 - 119	
2,2'-oxybis[1-chloropropane]	100	91.0	91	71 - 123	
Acetophenone	100	100	100	81 - 158	
2-Methylnaphthalene	100	88.5	89	71 - 122	
4-Methylphenol	100	64.6	65	35 - 75	
2-Methylphenol	100	66.0	66	44 - 87	
2-Nitroaniline	100	89.9	90	64 - 114	
Hexachloroethane	100	78.0	78	58 - 103	
Nitrobenzene	100	84.7	85	66 - 118	
4-Chloro-3-methylphenol	100	84.9	85	62 - 105	
Isophorone	100	92.0	92	73 - 108	
2-Nitrophenol	100	82.6	83	66 - 110	
4-Chlorophenyl phenyl ether	100	90.9	91	70 - 115	
2,4-Dimethylphenol	100	77.3	77	58 - 98	
4-Nitroaniline	100	90.7	91	61 - 110	
4-Nitrophenol	100	24.4	24	10 - 50	J
Bis(2-chloroethoxy)methane	100	90.4	90	74 - 116	
Atrazine	100	93.6	94	47 - 129	
Naphthalene	100	84.1	84	64 - 110	
4-Chloroaniline	100	90.0	90	63 - 105	
Benzo[a]pyrene	100	85.4	85	47 - 98	
Hexachlorobutadiene	100	76.1	76	61 - 117	
Benzo[k]fluoranthene	100	98.6	99	46 - 119	
Caprolactam	100	19.0	19	10 - 44	
Carbazole	100	92.0	92	64 - 110	
Hexachlorocyclopentadiene	100	66.0	66	42 - 110	
Dibenz(a,h)anthracene	100	89.2	89	51 - 112	
2,4,5-Trichlorophenol	100	89.2	89	67 - 109	
Dimethyl phthalate	100	101	101	70 - 131	
2-Chloronaphthalene	100	84.0	84	65 - 109	
Fluoranthene	100	89.7	90	67 - 115	
Fluorene	100	91.7	92	72 - 130	
2,6-Dinitrotoluene	100	91.7	92	67 - 120	
Acenaphthylene	100	88.1	88	60 - 119	
3-Nitroaniline	100	90.5	91	62 - 111	
N-Nitrosodi-n-propylamine	100	100	100	76 - 117	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Control Sample - Batch: 460-31280

Method: 8270C
Preparation: 3510C

Lab Sample ID:	LCS 460-31280/2-A	Analysis Batch:	460-31598	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-31280	Lab File ID:	z8512.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	03/06/2010 0005			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	100	97.1	97	67 - 114	
2,4-Dinitrophenol	100	70.0	70	34 - 120	
Dibenzofuran	100	90.0	90	71 - 115	
Diethyl phthalate	100	92.0	92	66 - 116	
4,6-Dinitro-2-methylphenol	100	86.9	87	64 - 115	
N-Nitrosodiphenylamine	100	99.8	100	69 - 114	
4-Bromophenyl phenyl ether	100	87.3	87	71 - 118	
Hexachlorobenzene	100	87.7	88	73 - 120	
Pentachlorophenol	100	83.8	84	67 - 125	
Phenanthrene	100	90.7	91	65 - 114	
Anthracene	100	89.5	90	65 - 113	
Di-n-butyl phthalate	100	87.8	88	53 - 120	
Pyrene	100	88.9	89	64 - 127	
Butyl benzyl phthalate	100	88.4	88	56 - 126	
3,3'-Dichlorobenzidine	100	100	100	64 - 132	
Benzo[a]anthracene	100	90.3	90	65 - 125	
Chrysene	100	95.1	95	66 - 130	
Bis(2-ethylhexyl) phthalate	100	91.3	91	30 - 134	
Di-n-octyl phthalate	100	90.3	90	39 - 117	
Benzo[b]fluoranthene	100	88.4	88	60 - 112	
Indeno[1,2,3-cd]pyrene	100	90.8	91	54 - 117	
Benzo[g,h,i]perylene	100	94.5	94	46 - 113	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	94	50 - 119
2-Fluorobiphenyl	84	61 - 112
2-Fluorophenol (Surr)	45	14 - 68
Nitrobenzene-d5 (Surr)	87	61 - 120
Phenol-d5 (Surr)	29	9 - 48
Terphenyl-d14 (Surr)	87	41 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Control Sample - Batch: 460-31280

Method: 8270C
Preparation: 3510C

Lab Sample ID:	LCS 460-31280/2-A	Analysis Batch:	460-32805	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-31280	Lab File ID:	z8983.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	03/22/2010 1840			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzaldehyde	100	66.7	67	80 - 154	*

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	91	61 - 112
Nitrobenzene-d5 (Surr)	89	61 - 120
Terphenyl-d14 (Surr)	100	41 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-31280

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-10889-3	Analysis Batch:	460-31598	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-31280	Lab File ID:	z8514.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0105			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

MSD Lab Sample ID:	460-10889-3	Analysis Batch:	460-31598	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-31280	Lab File ID:	z8515.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0129			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1'-Biphenyl	94	95	63 - 123	1	30		
Phenol	38	38	31 - 128	0	30		
2,4,6-Trichlorophenol	88	94	70 - 112	7	30		
Bis(2-chloroethyl)ether	87	87	76 - 132	0	30		
2,4-Dichlorophenol	86	88	66 - 108	2	30		
2-Chlorophenol	73	73	57 - 96	0	30		
2,4-Dinitrotoluene	88	97	71 - 119	9	30		
2,2'-oxybis[1-chloropropane]	90	90	71 - 123	0	30		
Acetophenone	95	96	81 - 158	2	30		
2-Methylnaphthalene	89	93	71 - 122	3	30		
4-Methylphenol	73	74	35 - 75	1	30		
2-Methylphenol	73	73	44 - 87	1	30		
2-Nitroaniline	86	91	64 - 114	5	30		
Hexachloroethane	80	81	58 - 103	0	30		
Nitrobenzene	85	85	66 - 118	0	30		
4-Chloro-3-methylphenol	80	86	62 - 105	7	30		
Isophorone	86	90	73 - 108	5	30		
2-Nitrophenol	83	83	66 - 110	1	30		
4-Chlorophenyl phenyl ether	87	92	70 - 115	6	30		
2,4-Dimethylphenol	84	86	58 - 98	3	30		
4-Nitroaniline	72	80	61 - 110	10	30		
4-Nitrophenol	18	21	10 - 50	17	30	J	J
Bis(2-chloroethoxy)methane	87	88	74 - 116	1	30		
Atrazine	78	84	47 - 129	7	30		
Naphthalene	56	57	64 - 110	1	30	F	F
4-Chloroaniline	74	77	63 - 105	4	30		
Benzo[a]pyrene	81	84	47 - 98	4	30		
Hexachlorobutadiene	80	80	61 - 117	0	30		
Benzo[k]fluoranthene	86	90	46 - 119	4	30		
Caprolactam	13	15	10 - 44	12	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-31280

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-10889-3	Analysis Batch:	460-31598	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-31280	Lab File ID:	z8514.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0105			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

MSD Lab Sample ID:	460-10889-3	Analysis Batch:	460-31598	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-31280	Lab File ID:	z8515.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0129			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Carbazole	86	92	64 - 110	7	30		
Hexachlorocyclopentadiene	67	66	42 - 110	1	30		
Dibenz(a,h)anthracene	91	89	51 - 112	2	30		
2,4,5-Trichlorophenol	88	88	67 - 109	0	30		
Dimethyl phthalate	90	98	70 - 131	8	30		
2-Chloronaphthalene	87	91	65 - 109	4	30		
Fluoranthene	83	93	67 - 115	11	30		
Fluorene	87	92	72 - 130	5	30		
2,6-Dinitrotoluene	85	92	67 - 120	8	30		
Acenaphthylene	85	89	60 - 119	4	30		
3-Nitroaniline	73	83	62 - 111	13	30		
N-Nitrosodi-n-propylamine	94	96	76 - 117	3	30		
Acenaphthene	97	99	67 - 114	3	30		
2,4-Dinitrophenol	79	89	34 - 120	12	30		
Dibenzofuran	88	93	71 - 115	5	30		
Diethyl phthalate	82	90	66 - 116	9	30		
4,6-Dinitro-2-methylphenol	83	94	64 - 115	13	30		
N-Nitrosodiphenylamine	96	99	69 - 114	3	30		
4-Bromophenyl phenyl ether	86	91	71 - 118	6	30		
Hexachlorobenzene	86	91	73 - 120	5	30		
Pentachlorophenol	86	93	67 - 125	7	30		
Phenanthrene	89	92	65 - 114	4	30		
Anthracene	86	92	65 - 113	6	30		
Di-n-butyl phthalate	80	89	53 - 120	11	30		
Pyrene	80	86	64 - 127	7	30		
Butyl benzyl phthalate	81	88	56 - 126	9	30		
3,3'-Dichlorobenzidine	90	95	64 - 132	5	30		
Benzo[a]anthracene	86	94	65 - 125	8	30		
Chrysene	88	94	66 - 130	6	30		
Bis(2-ethylhexyl) phthalate	83	90	30 - 134	9	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-31280

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-10889-3	Analysis Batch:	460-31598	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-31280	Lab File ID:	z8514.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0105			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

MSD Lab Sample ID:	460-10889-3	Analysis Batch:	460-31598	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-31280	Lab File ID:	z8515.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/06/2010 0129			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Di-n-octyl phthalate	78	84	39 - 117	7	30		
Benzo[b]fluoranthene	85	86	60 - 112	2	30		
Indeno[1,2,3-cd]pyrene	95	97	54 - 117	2	30		
Benzo[g,h,i]perylene	95	94	46 - 113	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	86	95	50 - 119
2-Fluorobiphenyl	87	88	61 - 112
2-Fluorophenol (Surr)	41	40	14 - 68
Nitrobenzene-d5 (Surr)	81	81	61 - 120
Phenol-d5 (Surr)	32	32	9 - 48
Terphenyl-d14 (Surr)	76	80	41 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-31280

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-10889-3	Analysis Batch:	460-32805	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-31280	Lab File ID:	z8985.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/22/2010 1928			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

MSD Lab Sample ID:	460-10889-3	Analysis Batch:	460-32805	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-31280	Lab File ID:	z8986.d
Dilution:	1.0			Initial Weight/Volume:	980 mL
Date Analyzed:	03/22/2010 1953			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 0735			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzaldehyde	61	61	80 - 154	1	30	F	F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl	92	98	61 - 112
Nitrobenzene-d5 (Surr)	84	84	61 - 120
Terphenyl-d14 (Surr)	93	96	41 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-10889-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-31280

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-10889-3	Units: ug/L	MSD Lab Sample ID:	460-10889-3	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	03/06/2010 0105		Date Analyzed:	03/06/2010 0129	
Date Prepared:	03/05/2010 0735		Date Prepared:	03/05/2010 0735	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1'-Biphenyl	10	U	102	102	96.2		96.8	
Phenol	10	U	102	102	38.6		38.7	
2,4,6-Trichlorophenol	10	U	102	102	89.4		95.6	
Bis(2-chloroethyl)ether	1.0	U	102	102	89.0		88.8	
2,4-Dichlorophenol	10	U	102	102	87.6		89.3	
2-Chlorophenol	10	U	102	102	74.4		74.3	
2,4-Dinitrotoluene	2.0	U	102	102	89.8		98.6	
2,2'-oxybis[1-chloropropane]	10	U	102	102	91.7		91.8	
Acetophenone	10	U	102	102	96.8		98.3	
2-Methylnaphthalene	10	U	102	102	91.3		94.4	
4-Methylphenol	10	U	102	102	74.9		75.8	
2-Methylphenol	10	U	102	102	74.7		74.2	
2-Nitroaniline	20	U	102	102	88.1		92.6	
Hexachloroethane	1.0	U	102	102	81.9		82.2	
Nitrobenzene	1.0	U	102	102	86.8		86.8	
4-Chloro-3-methylphenol	10	U	102	102	81.3		87.4	
Isophorone	10	U	102	102	87.7		92.1	
2-Nitrophenol	10	U	102	102	84.3		84.8	
4-Chlorophenyl phenyl ether	10	U	102	102	88.6		93.7	
2,4-Dimethylphenol	10	U	102	102	85.5		88.2	
4-Nitroaniline	20	U	102	102	73.6		81.5	
4-Nitrophenol	31	U	102	102	18.4	J	21.8	J
Bis(2-chloroethoxy)methane	10	U	102	102	89.2		90.1	
Atrazine	10	U	102	102	80.0		85.8	
Naphthalene	100		102	102	159	F	160	F
4-Chloroaniline	10	U	102	102	76.0		78.8	
Benzo[a]pyrene	1.0	U	102	102	82.7		85.6	
Hexachlorobutadiene	2.0	U	102	102	81.9		82.0	
Benzo[k]fluoranthene	1.0	U	102	102	88.2		91.9	
Caprolactam	10	U	102	102	13.2		15.0	
Carbazole	10	U	102	102	87.7		94.1	
Hexachlorocyclopentadiene	10	U	102	102	67.9		67.3	
Dibenz(a,h)anthracene	1.0	U	102	102	93.0		90.8	
2,4,5-Trichlorophenol	10	U	102	102	89.9		89.8	
Dimethyl phthalate	10	U	102	102	91.7		99.6	
2-Chloronaphthalene	10	U	102	102	88.7		92.4	
Fluoranthene	10	U	102	102	85.0		95.1	
Fluorene	10	U	102	102	89.2		93.9	
2,6-Dinitrotoluene	2.0	U	102	102	87.0		94.2	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-10889-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-31280

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-10889-3	Units: ug/L	MSD Lab Sample ID:	460-10889-3	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	03/06/2010 0105		Date Analyzed:	03/06/2010 0129	
Date Prepared:	03/05/2010 0735		Date Prepared:	03/05/2010 0735	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Acenaphthylene	10	U	102	102	87.2	91.0
3-Nitroaniline	20	U	102	102	74.2	84.2
N-Nitrosodi-n-propylamine	1.0	U	102	102	95.7	98.2
Acenaphthene	10	U	102	102	98.8	102
2,4-Dinitrophenol	31	U	102	102	80.6	91.1
Dibenzofuran	10	U	102	102	90.1	94.6
Diethyl phthalate	10	U	102	102	83.7	91.9
4,6-Dinitro-2-methylphenol	31	U	102	102	84.7	96.3
N-Nitrosodiphenylamine	10	U	102	102	98.0	101
4-Bromophenyl phenyl ether	10	U	102	102	87.3	92.7
Hexachlorobenzene	1.0	U	102	102	87.6	92.5
Pentachlorophenol	31	U	102	102	88.1	94.6
Phenanthrene	10	U	102	102	90.6	94.4
Anthracene	10	U	102	102	88.1	93.6
Di-n-butyl phthalate	10	U	102	102	81.8	91.2
Pyrene	10	U	102	102	81.9	87.8
Butyl benzyl phthalate	10	U	102	102	82.4	90.2
3,3'-Dichlorobenzidine	20	U	102	102	91.5	96.6
Benzo[a]anthracene	1.0	U	102	102	88.0	95.8
Chrysene	10	U	102	102	89.6	95.5
Bis(2-ethylhexyl) phthalate	10	U	102	102	84.3	92.0
Di-n-octyl phthalate	10	U	102	102	79.6	85.7
Benzo[b]fluoranthene	1.0	U	102	102	86.3	87.8
Indeno[1,2,3-cd]pyrene	1.0	U	102	102	97.0	98.7
Benzo[g,h,i]perylene	10	U	102	102	96.9	96.4

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-10889-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-31280

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-10889-3	Units: ug/L	MSD Lab Sample ID:	460-10889-3	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	03/22/2010 1928		Date Analyzed:	03/22/2010 1953	
Date Prepared:	03/05/2010 0735		Date Prepared:	03/05/2010 0735	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Benzaldehyde	10	U	102	102	62.1	F	61.8	F

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Method Blank - Batch: 460-31376

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 460-31376/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2010 1538
Date Prepared: 03/05/2010 2000

Analysis Batch: 460-31814
Prep Batch: 460-31376
Units: ug/L

Instrument ID: BNAMS11
Lab File ID: z8550.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
1,1'-Biphenyl	10	U	5.4	10
Phenol	10	U	0.89	10
2,4,6-Trichlorophenol	10	U	3.2	10
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
2,4-Dichlorophenol	10	U	2.8	10
2-Chlorophenol	10	U	2.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
2,2'-oxybis[1-chloropropane]	10	U	3.2	10
Acetophenone	10	U	4.3	10
2-Methylnaphthalene	10	U	3.1	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.7	10
2-Nitroaniline	20	U	5.7	20
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
4-Chloro-3-methylphenol	10	U	2.0	10
Isophorone	10	U	3.6	10
2-Nitrophenol	10	U	3.4	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
2,4-Dimethylphenol	10	U	2.5	10
4-Nitroaniline	20	U	4.0	20
4-Nitrophenol	30	U	2.3	30
Bis(2-chloroethoxy)methane	10	U	3.5	10
Atrazine	10	U	4.8	10
Naphthalene	10	U	3.7	10
Benzaldehyde	10	U	1.3	10
4-Chloroaniline	10	U	2.1	10
Benzo[a]pyrene	1.0	U	0.18	1.0
Hexachlorobutadiene	2.0	U	0.94	2.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Caprolactam	10	U	0.50	10
Carbazole	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
2,4,5-Trichlorophenol	10	U	2.5	10
Dimethyl phthalate	10	U	3.3	10
2-Chloronaphthalene	10	U	3.8	10
Fluoranthene	10	U	2.6	10
Fluorene	10	U	3.3	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
Acenaphthylene	10	U	4.0	10

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Method Blank - Batch: 460-31376

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 460-31376/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/07/2010 1538
Date Prepared: 03/05/2010 2000

Analysis Batch: 460-31814
Prep Batch: 460-31376
Units: ug/L

Instrument ID: BNAMS11
Lab File ID: z8550.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
3-Nitroaniline	20	U	4.3	20
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Acenaphthene	10	U	3.8	10
2,4-Dinitrophenol	30	U	4.8	30
Dibenzofuran	10	U	3.6	10
Diethyl phthalate	10	U	3.8	10
4,6-Dinitro-2-methylphenol	30	U	5.2	30
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10
Hexachlorobenzene	1.0	U	0.27	1.0
Pentachlorophenol	30	U	5.1	30
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Di-n-butyl phthalate	10	U	2.8	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Benzo[g,h,i]perylene	10	U	2.7	10

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	107	50 - 119
2-Fluorobiphenyl	87	61 - 112
2-Fluorophenol (Surr)	51	14 - 68
Nitrobenzene-d5 (Surr)	96	61 - 120
Phenol-d5 (Surr)	36	9 - 48
Terphenyl-d14 (Surr)	84	41 - 124

Method Blank TICs- Batch: 460-31376

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Method Blank - Batch: 460-31376

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 460-31376/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/19/2010 1500
Date Prepared: 03/05/2010 2000

Analysis Batch: 460-32627
Prep Batch: 460-31376
Units: ug/L

Instrument ID: BNAMS9
Lab File ID: h86864.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Benzo[a]anthracene	0.050	U	0.020	0.050
Benzo[a]pyrene	0.050	U	0.030	0.050
Benzo[b]fluoranthene	0.050	U	0.040	0.050
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-31376

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-31376/2-A	Analysis Batch:	460-31814	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-31376	Lab File ID:	z8551.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1602			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

LCSD Lab Sample ID:	LCSD 460-31376/3-A	Analysis Batch:	460-31814	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-31376	Lab File ID:	z8552.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1627			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1'-Biphenyl	106	99	63 - 123	7	30		
Phenol	43	41	31 - 128	4	30		
2,4,6-Trichlorophenol	101	96	70 - 112	5	30		
Bis(2-chloroethyl)ether	100	97	76 - 132	3	30		
2,4-Dichlorophenol	100	95	66 - 108	5	30		
2-Chlorophenol	89	86	57 - 96	4	30		
2,4-Dinitrotoluene	109	101	71 - 119	7	30		
2,2'-oxybis[1-chloropropane]	106	101	71 - 123	5	30		
Acetophenone	112	106	81 - 158	6	30		
2-Methylnaphthalene	101	95	71 - 122	6	30		
4-Methylphenol	74	73	35 - 75	1	30		
2-Methylphenol	76	73	44 - 87	4	30		
2-Nitroaniline	105	96	64 - 114	8	30		
Hexachloroethane	97	93	58 - 103	5	30		
Nitrobenzene	98	91	66 - 118	7	30		
4-Chloro-3-methylphenol	90	86	62 - 105	4	30		
Isophorone	100	95	73 - 108	5	30		
2-Nitrophenol	97	93	66 - 110	5	30		
4-Chlorophenyl phenyl ether	102	94	70 - 115	8	30		
2,4-Dimethylphenol	91	86	58 - 98	6	30		
4-Nitroaniline	107	99	61 - 110	8	30		
4-Nitrophenol	33	31	10 - 50	6	30		
Bis(2-chloroethoxy)methane	99	94	74 - 116	5	30		
Atrazine	107	100	47 - 129	7	30		
Naphthalene	98	92	64 - 110	6	30		
4-Chloroaniline	84	79	63 - 105	7	30		
Benzo[a]pyrene	93	86	47 - 98	8	30		
Hexachlorobutadiene	96	91	61 - 117	5	30		
Benzo[k]fluoranthene	104	95	46 - 119	9	30		
Caprolactam	21	20	10 - 44	4	30		
Carbazole	101	96	64 - 110	5	30		
Hexachlorocyclopentadiene	96	90	42 - 110	6	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-31376

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-31376/2-A	Analysis Batch:	460-31814	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-31376	Lab File ID:	z8551.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1602			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

LCSD Lab Sample ID:	LCSD 460-31376/3-A	Analysis Batch:	460-31814	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-31376	Lab File ID:	z8552.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1627			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Dibenz(a,h)anthracene	102	88	51 - 112	15	30		
2,4,5-Trichlorophenol	110	102	67 - 109	8	30	*	
Dimethyl phthalate	110	103	70 - 131	7	30		
2-Chloronaphthalene	99	92	65 - 109	7	30		
Fluoranthene	94	91	67 - 115	4	30		
Fluorene	104	97	72 - 130	7	30		
2,6-Dinitrotoluene	106	97	67 - 120	8	30		
Acenaphthylene	104	96	60 - 119	8	30		
3-Nitroaniline	96	90	62 - 111	6	30		
N-Nitrosodi-n-propylamine	109	105	76 - 117	4	30		
Acenaphthene	112	104	67 - 114	7	30		
2,4-Dinitrophenol	92	83	34 - 120	10	30		
Dibenzofuran	104	97	71 - 115	7	30		
Diethyl phthalate	105	100	66 - 116	5	30		
4,6-Dinitro-2-methylphenol	101	91	64 - 115	10	30		
N-Nitrosodiphenylamine	107	101	69 - 114	6	30		
4-Bromophenyl phenyl ether	96	90	71 - 118	6	30		
Hexachlorobenzene	95	89	73 - 120	7	30		
Pentachlorophenol	92	88	67 - 125	5	30		
Phenanthrene	96	90	65 - 114	7	30		
Anthracene	96	92	65 - 113	5	30		
Di-n-butyl phthalate	96	92	53 - 120	4	30		
Pyrene	97	91	64 - 127	6	30		
Butyl benzyl phthalate	97	91	56 - 126	6	30		
3,3'-Dichlorobenzidine	116	117	64 - 132	1	30		
Benzo[a]anthracene	97	92	65 - 125	4	30		
Chrysene	99	94	66 - 130	5	30		
Bis(2-ethylhexyl) phthalate	94	92	30 - 134	2	30		
Di-n-octyl phthalate	95	87	39 - 117	9	30		
Benzo[b]fluoranthene	94	86	60 - 112	9	30		
Indeno[1,2,3-cd]pyrene	95	93	54 - 117	2	30		
Benzo[g,h,i]perylene	103	93	46 - 113	10	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-31376

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-31376/2-A	Analysis Batch:	460-31814	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-31376	Lab File ID:	z8551.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1602			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

LCSD Lab Sample ID:	LCSD 460-31376/3-A	Analysis Batch:	460-31814	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-31376	Lab File ID:	z8552.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	03/07/2010 1627			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	106	97	50 - 119
2-Fluorobiphenyl	94	86	61 - 112
2-Fluorophenol (Surr)	54	52	14 - 68
Nitrobenzene-d5 (Surr)	98	92	61 - 120
Phenol-d5 (Surr)	35	34	9 - 48
Terphenyl-d14 (Surr)	90	84	41 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-31376

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-31376/2-A	Analysis Batch:	460-32805	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-31376	Lab File ID:	z8980.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	03/22/2010 1727			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

LCSD Lab Sample ID:	LCSD 460-31376/3-A	Analysis Batch:	460-32805	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-31376	Lab File ID:	z8981.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	03/22/2010 1751			Final Weight/Volume:	2 mL
Date Prepared:	03/05/2010 2000			Injection Volume:	1 uL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzaldehyde	78	73	80 - 154	7	30	*	*

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2-Fluorobiphenyl	100	95	61 - 112
Nitrobenzene-d5 (Surr)	100	95	61 - 120
Terphenyl-d14 (Surr)	104	100	41 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-31376

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-31376/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-31376/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	03/07/2010 1602			Date Analyzed:	03/07/2010 1627
Date Prepared:	03/05/2010 2000			Date Prepared:	03/05/2010 2000

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual
1,1'-Biphenyl	100	100	106		98.9
Phenol	100	100	43.2		41.4
2,4,6-Trichlorophenol	100	100	101		96.3
Bis(2-chloroethyl)ether	100	100	100		96.9
2,4-Dichlorophenol	100	100	100		95.3
2-Chlorophenol	100	100	89.3		85.8
2,4-Dinitrotoluene	100	100	109		101
2,2'-oxybis[1-chloropropane]	100	100	106		101
Acetophenone	100	100	112		106
2-Methylnaphthalene	100	100	101		95.0
4-Methylphenol	100	100	74.3		73.5
2-Methylphenol	100	100	76.1		73.1
2-Nitroaniline	100	100	105		96.5
Hexachloroethane	100	100	97.2		92.9
Nitrobenzene	100	100	97.6		91.3
4-Chloro-3-methylphenol	100	100	89.8		86.4
Isophorone	100	100	100		95.2
2-Nitrophenol	100	100	97.1		92.7
4-Chlorophenyl phenyl ether	100	100	102		94.1
2,4-Dimethylphenol	100	100	90.8		85.6
4-Nitroaniline	100	100	107		99.3
4-Nitrophenol	100	100	32.9		30.9
Bis(2-chloroethoxy)methane	100	100	98.7		93.7
Atrazine	100	100	107		100
Naphthalene	100	100	98.0		92.1
4-Chloroaniline	100	100	84.4		78.7
Benzo[a]pyrene	100	100	92.9		86.0
Hexachlorobutadiene	100	100	96.1		91.4
Benzo[k]fluoranthene	100	100	104		95.2
Caprolactam	100	100	21.0		20.2
Carbazole	100	100	101		95.8
Hexachlorocyclopentadiene	100	100	95.9		89.9
Dibenz(a,h)anthracene	100	100	102		87.9
2,4,5-Trichlorophenol	100	100	110	*	102
Dimethyl phthalate	100	100	110		103
2-Chloronaphthalene	100	100	98.8		92.3
Fluoranthene	100	100	94.4		90.7
Fluorene	100	100	104		96.7
2,6-Dinitrotoluene	100	100	106		97.4

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-31376

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-31376/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-31376/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	03/07/2010 1602			Date Analyzed:	03/07/2010 1627
Date Prepared:	03/05/2010 2000			Date Prepared:	03/05/2010 2000

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Acenaphthylene	100	100	104	96.2
3-Nitroaniline	100	100	95.6	89.6
N-Nitrosodi-n-propylamine	100	100	109	105
Acenaphthene	100	100	112	104
2,4-Dinitrophenol	100	100	92.2	83.1
Dibenzofuran	100	100	104	96.9
Diethyl phthalate	100	100	105	99.7
4,6-Dinitro-2-methylphenol	100	100	101	91.0
N-Nitrosodiphenylamine	100	100	107	101
4-Bromophenyl phenyl ether	100	100	95.7	90.3
Hexachlorobenzene	100	100	95.4	88.7
Pentachlorophenol	100	100	92.2	87.7
Phenanthrene	100	100	96.5	90.4
Anthracene	100	100	96.3	91.5
Di-n-butyl phthalate	100	100	96.2	92.0
Pyrene	100	100	96.5	91.2
Butyl benzyl phthalate	100	100	96.6	91.1
3,3'-Dichlorobenzidine	100	100	116	117
Benzo[a]anthracene	100	100	96.5	92.4
Chrysene	100	100	99.2	94.5
Bis(2-ethylhexyl) phthalate	100	100	93.6	91.7
Di-n-octyl phthalate	100	100	95.1	86.6
Benzo[b]fluoranthene	100	100	94.4	86.4
Indeno[1,2,3-cd]pyrene	100	100	95.2	93.3
Benzo[g,h,i]perylene	100	100	103	93.4

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-31376

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-31376/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 460-31376/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	03/22/2010 1727			Date Analyzed:	03/22/2010 1751
Date Prepared:	03/05/2010 2000			Date Prepared:	03/05/2010 2000

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual	
Benzaldehyde	100	100	78.4	*	72.9	*

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-10889-1

Method Blank - Batch: 460-31300

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 460-31300/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/05/2010 1544
Date Prepared: 03/05/2010 0904

Analysis Batch: 460-31370
Prep Batch: 460-31300
Units: ug/L

Instrument ID: ICP4
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	200	U	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	5000	U	72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	5000	U	56.9	5000
Manganese	15.0	U	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	5000	U	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	5000	U	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	30.0	U	5.8	30.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Control Sample - Batch: 460-31300

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 460-31300/2-A	Analysis Batch:	460-31370	Instrument ID:	ICP4
Client Matrix:	Water	Prep Batch:	460-31300	Lab File ID:	N/A
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	100 mL
Date Analyzed:	03/05/2010 1551			Final Weight/Volume:	100 mL
Date Prepared:	03/05/2010 0904				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2000	2050	103	80 - 120	
Antimony	500	486	97	80 - 120	
Arsenic	2000	1990	99	80 - 120	
Barium	2000	2090	104	80 - 120	
Beryllium	50.0	48.8	98	80 - 120	
Cadmium	50.0	51.3	103	80 - 120	
Calcium	20000	19820	99	80 - 120	
Chromium	200	208	104	80 - 120	
Cobalt	500	526	105	80 - 120	
Copper	250	250	100	80 - 120	
Iron	1000	1080	108	80 - 120	
Lead	500	530	106	80 - 120	
Magnesium	20000	21030	105	80 - 120	
Manganese	500	524	105	80 - 120	
Nickel	500	532	106	80 - 120	
Potassium	20000	20570	103	80 - 120	
Selenium	2000	2010	101	80 - 120	
Silver	50.0	46.1	92	80 - 120	
Sodium	20000	20190	101	80 - 120	
Thallium	2000	2250	112	80 - 120	
Vanadium	500	498	100	80 - 120	
Zinc	500	520	104	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Matrix Spike - Batch: 460-31300

Method: 6010B
Preparation: 3010A

Lab Sample ID: 460-10889-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/05/2010 1617
Date Prepared: 03/05/2010 0904

Analysis Batch: 460-31370
Prep Batch: 460-31300
Units: ug/L

Instrument ID: ICP4
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	1050		2000	3300	112	75 - 125	
Antimony	10.0	U	500	483	97	75 - 125	
Arsenic	5.0	U	2000	2010	100	75 - 125	
Barium	427		2000	2470	102	75 - 125	
Beryllium	2.0	U	50.0	49.0	98	75 - 125	
Cadmium	5.0	U	50.0	50.7	101	75 - 125	
Calcium	49400		20000	68170	94	75 - 125	
Chromium	10.0	U	200	207	104	75 - 125	
Cobalt	18.1	J	500	530	102	75 - 125	
Copper	25.0	U	250	250	100	75 - 125	
Iron	62000		1000	62730	70	75 - 125	4
Lead	5.0	U	500	512	102	75 - 125	
Magnesium	30600		20000	51750	106	75 - 125	
Manganese	1690		500	2150	92	75 - 125	
Nickel	40.0	U	500	519	104	75 - 125	
Potassium	3230	J	20000	23390	101	75 - 125	
Selenium	10.0	U	2000	2010	101	75 - 125	
Silver	1.6	J	50.0	48.1	93	75 - 125	
Sodium	86700		20000	105200	93	75 - 125	4
Thallium	10.0	U	2000	2120	106	75 - 125	
Vanadium	50.0	U	500	497	99	75 - 125	
Zinc	30.0	U	500	514	103	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Duplicate - Batch: 460-31300

Method: 6010B
Preparation: 3010A

Lab Sample ID: 460-10889-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/05/2010 1557
Date Prepared: 03/05/2010 0904

Analysis Batch: 460-31370
Prep Batch: 460-31300
Units: ug/L

Instrument ID: ICP4
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	1050		1020	2	20	
Antimony	10.0	U	10.0	NC	20	U
Arsenic	5.0	U	5.0	NC	20	U
Barium	427		436	2	20	
Beryllium	2.0	U	2.0	NC	20	U
Cadmium	5.0	U	5.0	NC	20	U
Calcium	49400		49510	0	20	
Chromium	10.0	U	10.0	NC	20	U
Cobalt	18.1	J	18.6	3	20	J
Copper	25.0	U	25.0	NC	20	U
Iron	62000		62580	1	20	
Lead	5.0	U	5.0	NC	20	U
Magnesium	30600		31030	1	20	
Manganese	1690		1690	0	20	
Nickel	40.0	U	40.0	NC	20	U
Potassium	3230	J	3220	0	20	J
Selenium	10.0	U	10.0	NC	20	U
Silver	1.6	J	1.72	10	20	J
Sodium	86700		87130	1	20	
Thallium	10.0	U	10.0	NC	20	U
Vanadium	50.0	U	50.0	NC	20	U
Zinc	30.0	U	30.0	NC	20	U

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-10889-1

Method Blank - Batch: 460-31540

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 460-31540/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/09/2010 1651
Date Prepared: 03/09/2010 0945

Analysis Batch: 460-31640
Prep Batch: 460-31540
Units: ug/L

Instrument ID: ICP4
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	200	U	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	5000	U	72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	5000	U	56.9	5000
Manganese	2.70	J	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	5000	U	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	5000	U	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	30.0	U	5.8	30.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Control Sample - Batch: 460-31540

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 460-31540/2-A	Analysis Batch:	460-31640	Instrument ID:	ICP4
Client Matrix:	Water	Prep Batch:	460-31540	Lab File ID:	N/A
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	100 mL
Date Analyzed:	03/09/2010 1657			Final Weight/Volume:	100 mL
Date Prepared:	03/09/2010 0945				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2000	2080	104	80 - 120	
Antimony	500	501	100	80 - 120	
Arsenic	2000	2040	102	80 - 120	
Barium	2000	2100	105	80 - 120	
Beryllium	50.0	50.3	101	80 - 120	
Cadmium	50.0	51.6	103	80 - 120	
Calcium	20000	20150	101	80 - 120	
Chromium	200	205	102	80 - 120	
Cobalt	500	517	103	80 - 120	
Copper	250	255	102	80 - 120	
Iron	1000	1100	110	80 - 120	
Lead	500	533	107	80 - 120	
Magnesium	20000	20880	104	80 - 120	
Manganese	500	537	107	80 - 120	
Nickel	500	531	106	80 - 120	
Potassium	20000	20760	104	80 - 120	
Selenium	2000	2070	103	80 - 120	
Silver	50.0	48.7	97	80 - 120	
Sodium	20000	20580	103	80 - 120	
Thallium	2000	2280	114	80 - 120	
Vanadium	500	509	102	80 - 120	
Zinc	500	517	103	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-10889-1

Matrix Spike - Batch: 460-31540

Method: 6010B
Preparation: 3010A

Lab Sample ID: 460-11019-D-1-C MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/09/2010 1724
Date Prepared: 03/09/2010 0945

Analysis Batch: 460-31640
Prep Batch: 460-31540
Units: ug/L

Instrument ID: ICP4
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	200	U	2000	2110	106	75 - 125	
Antimony	10.0	U	500	510	102	75 - 125	
Arsenic	5.0	U	2000	2090	104	75 - 125	
Barium	24.5	J	2000	2130	105	75 - 125	
Beryllium	2.0	U	50.0	51.4	103	75 - 125	
Cadmium	5.0	U	50.0	51.6	103	75 - 125	
Calcium	18200		20000	39300	105	75 - 125	
Chromium	10.0	U	200	206	103	75 - 125	
Cobalt	50.0	U	500	520	104	75 - 125	
Copper	42.2		250	299	103	75 - 125	
Iron	1750		1000	2780	103	75 - 125	
Lead	7.0		500	535	106	75 - 125	
Magnesium	4320	J	20000	25130	104	75 - 125	
Manganese	27.5		500	560	107	75 - 125	
Nickel	5.4	J	500	536	106	75 - 125	
Potassium	2150	J	20000	23410	106	75 - 125	
Selenium	10.0	U	2000	2080	104	75 - 125	
Silver	10.0	U	50.0	49.1	98	75 - 125	
Sodium	78600		20000	99310	103	75 - 125	
Thallium	10.0	U	2000	2230	111	75 - 125	
Vanadium	50.0	U	500	513	103	75 - 125	
Zinc	20.1	J	500	542	104	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-10889-1

Duplicate - Batch: 460-31540

Method: 6010B
Preparation: 3010A

Lab Sample ID: 460-11019-D-1-B DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/09/2010 1704
Date Prepared: 03/09/2010 0945

Analysis Batch: 460-31640
Prep Batch: 460-31540
Units: ug/L

Instrument ID: ICP4
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	200	U	200	NC	20	U
Antimony	10.0	U	10.0	NC	20	U
Arsenic	5.0	U	5.0	NC	20	U
Barium	24.5	J	24.7	1	20	J
Beryllium	2.0	U	2.0	NC	20	U
Cadmium	5.0	U	5.0	NC	20	U
Calcium	18200		18100	1	20	
Chromium	10.0	U	10.0	NC	20	U
Cobalt	50.0	U	50.0	NC	20	U
Copper	42.2		33.8	22	20	
Iron	1750		1710	2	20	
Lead	7.0		7.31	5	20	
Magnesium	4320	J	4270	1	20	J
Manganese	27.5		27.0	2	20	
Nickel	5.4	J	5.49	2	20	J
Potassium	2150	J	2120	1	20	J
Selenium	10.0	U	10.0	NC	20	U
Silver	10.0	U	10.0	NC	20	U
Sodium	78600		76220	3	20	
Thallium	10.0	U	10.0	NC	20	U
Vanadium	50.0	U	50.0	NC	20	U
Zinc	20.1	J	20.3	1	20	J

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-10889-1

Method Blank - Batch: 460-31650

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 460-31650/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/10/2010 1544
Date Prepared: 03/10/2010 0920

Analysis Batch: 460-31742
Prep Batch: 460-31650
Units: ug/L

Instrument ID: ICP4
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	200	U	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	5000	U	72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	5000	U	56.9	5000
Manganese	15.0	U	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	5000	U	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	5000	U	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	30.0	U	5.8	30.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-10889-1

Lab Control Sample - Batch: 460-31650

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 460-31650/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/10/2010 1551
Date Prepared: 03/10/2010 0920

Analysis Batch: 460-31742
Prep Batch: 460-31650
Units: ug/L

Instrument ID: ICP4
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2000	2090	105	80 - 120	
Antimony	500	507	101	80 - 120	
Arsenic	2000	2080	104	80 - 120	
Barium	2000	2160	108	80 - 120	
Beryllium	50.0	50.9	102	80 - 120	
Cadmium	50.0	52.9	106	80 - 120	
Calcium	20000	20060	100	80 - 120	
Chromium	200	211	106	80 - 120	
Cobalt	500	537	107	80 - 120	
Copper	250	261	104	80 - 120	
Iron	1000	1130	113	80 - 120	
Lead	500	544	109	80 - 120	
Magnesium	20000	21620	108	80 - 120	
Manganese	500	542	108	80 - 120	
Nickel	500	544	109	80 - 120	
Potassium	20000	20570	103	80 - 120	
Selenium	2000	2100	105	80 - 120	
Silver	50.0	48.8	98	80 - 120	
Sodium	20000	20540	103	80 - 120	
Thallium	2000	2320	116	80 - 120	
Vanadium	500	515	103	80 - 120	
Zinc	500	530	106	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Matrix Spike - Batch: 460-31650

Method: 6010B
Preparation: 3010A

Lab Sample ID: 460-10889-18
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/10/2010 1617
Date Prepared: 03/10/2010 0920

Analysis Batch: 460-31742
Prep Batch: 460-31650
Units: ug/L

Instrument ID: ICP4
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	200	U	2000	2100	105	75 - 125	
Antimony	10.0	U	500	518	104	75 - 125	
Arsenic	12.0		2000	2170	108	75 - 125	
Barium	456		2000	2610	108	75 - 125	
Beryllium	2.0	U	50.0	51.5	103	75 - 125	
Cadmium	5.0	U	50.0	52.7	105	75 - 125	
Calcium	48000		20000	67930	100	75 - 125	
Chromium	10.0	U	200	212	106	75 - 125	
Cobalt	40.6	J	500	572	106	75 - 125	
Copper	25.0	U	250	263	105	75 - 125	
Iron	55600		1000	56140	49	75 - 125	4
Lead	5.0	U	500	536	107	75 - 125	
Magnesium	39400		20000	60890	107	75 - 125	
Manganese	870		500	1390	104	75 - 125	
Nickel	3.7	J	500	543	108	75 - 125	
Potassium	4520	J	20000	25490	105	75 - 125	
Selenium	10.0	U	2000	2170	108	75 - 125	
Silver	1.6	J	50.0	51.0	99	75 - 125	
Sodium	139000		20000	157900	94	75 - 125	4
Thallium	10.0	U	2000	2220	111	75 - 125	
Vanadium	50.0	U	500	519	104	75 - 125	
Zinc	70.1		500	602	106	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-10889-1

Duplicate - Batch: 460-31650

Method: 6010B
Preparation: 3010A

Lab Sample ID: 460-10889-18
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/10/2010 1557
Date Prepared: 03/10/2010 0920

Analysis Batch: 460-31742
Prep Batch: 460-31650
Units: ug/L

Instrument ID: ICP4
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	200	U	200	NC	20	U
Antimony	10.0	U	10.0	NC	20	U
Arsenic	12.0		13.2	9	20	
Barium	456		447	2	20	
Beryllium	2.0	U	2.0	NC	20	U
Cadmium	5.0	U	5.0	NC	20	U
Calcium	48000		47610	1	20	
Chromium	10.0	U	10.0	NC	20	U
Cobalt	40.6	J	40.3	1	20	J
Copper	25.0	U	25.0	NC	20	U
Iron	55600		54860	1	20	
Lead	5.0	U	5.0	NC	20	U
Magnesium	39400		38580	2	20	
Manganese	870		859	1	20	
Nickel	3.7	J	3.79	3	20	J
Potassium	4520	J	4500	1	20	J
Selenium	10.0	U	10.0	NC	20	U
Silver	1.6	J	1.63	1	20	J
Sodium	139000		138400	1	20	
Thallium	10.0	U	10.0	NC	20	U
Vanadium	50.0	U	50.0	NC	20	U
Zinc	70.1		68.9	2	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Method Blank - Batch: 460-31286

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 460-31286/12-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/05/2010 1012
Date Prepared: 03/05/2010 0730

Analysis Batch: 460-31343
Prep Batch: 460-31286
Units: ug/L

Instrument ID: LEEMAN5
Lab File ID: N/A
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.18	0.20

Lab Control Sample - Batch: 460-31286

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 460-31286/13-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/05/2010 1014
Date Prepared: 03/05/2010 0730

Analysis Batch: 460-31343
Prep Batch: 460-31286
Units: ug/L

Instrument ID: LEEMAN5
Lab File ID: N/A
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	1.03	103	80 - 120	

Matrix Spike - Batch: 460-31286

Method: 7470A
Preparation: 7470A

Lab Sample ID: 460-10889-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/05/2010 1022
Date Prepared: 03/05/2010 0730

Analysis Batch: 460-31343
Prep Batch: 460-31286
Units: ug/L

Instrument ID: LEEMAN5
Lab File ID: N/A
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.20	U	1.00	1.08	108	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-10889-1

Duplicate - Batch: 460-31286

Method: 7470A
Preparation: 7470A

Lab Sample ID: 460-10889-3DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/05/2010 1018
Date Prepared: 03/05/2010 0730

Analysis Batch: 460-31343
Prep Batch: 460-31286
Units: ug/L

Instrument ID: LEEMAN5
Lab File ID: N/A
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.20	U	0.20	NC	20	U

Calculations are performed before rounding to avoid round-off errors in calculated results.

Method Blank - Batch: 460-31289

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 460-31289/11-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/05/2010 1112
Date Prepared: 03/05/2010 0730

Analysis Batch: 460-31343
Prep Batch: 460-31289
Units: ug/L

Instrument ID: LEEMAN5
Lab File ID: N/A
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.18	0.20

Lab Control Sample - Batch: 460-31289

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 460-31289/12-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/05/2010 1114
Date Prepared: 03/05/2010 0730

Analysis Batch: 460-31343
Prep Batch: 460-31289
Units: ug/L

Instrument ID: LEEMAN5
Lab File ID: N/A
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	1.03	103	80 - 120	

Matrix Spike - Batch: 460-31289

Method: 7470A
Preparation: 7470A

Lab Sample ID: 460-10889-20
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/05/2010 1122
Date Prepared: 03/05/2010 0730

Analysis Batch: 460-31343
Prep Batch: 460-31289
Units: ug/L

Instrument ID: LEEMAN5
Lab File ID: N/A
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.20	U	1.00	1.06	106	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-10889-1

Duplicate - Batch: 460-31289

Method: 7470A
Preparation: 7470A

Lab Sample ID: 460-10889-20
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/05/2010 1120
Date Prepared: 03/05/2010 0730

Analysis Batch: 460-31343
Prep Batch: 460-31289
Units: ug/L

Instrument ID: LEEMAN5
Lab File ID: N/A
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.20	U	0.20	NC	20	U

Calculations are performed before rounding to avoid round-off errors in calculated results.

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	E	Result exceeded calibration range.
	T	Result is a tentatively identified compound (TIC) and an estimated value.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	N	This flag indicates the presumptive evidence of a compound.
GC/MS Semi VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	E	Result exceeded calibration range.
	T	Result is a tentatively identified compound (TIC) and an estimated value.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
	N	This flag indicates the presumptive evidence of a compound.

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Lab Section	Qualifier	Description
Metals		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-31311					
LCS 460-31311/3	Lab Control Sample	T	Water	8260B	
MB 460-31311/4	Method Blank	T	Water	8260B	
460-10889-1	GW-017338-030110-ACH-001	T	Water	8260B	
460-10889-2	GW-017338-030110-ACH-002	T	Water	8260B	
460-10889-3	GW-017338-030110-ACH-003	T	Water	8260B	
460-10889-3MS	Matrix Spike	T	Water	8260B	
460-10889-3MSD	Matrix Spike Duplicate	T	Water	8260B	
460-10889-4	GW-017338-030110-ACH-004	T	Water	8260B	
460-10889-5	GW-017338-030210-RAM-005	T	Water	8260B	
460-10889-6EB	EB-017338-030210-ACH-006	T	Water	8260B	
460-10889-7	GW-017338-030210-RAM-007	T	Water	8260B	
460-10889-8	GW-017338-030210-ACH-008	T	Water	8260B	
460-10889-9	GW-017338-030210-RAM-009	T	Water	8260B	
460-10889-10	GW-017338-030210-ACH-010	T	Water	8260B	
460-10889-11	GW-017338-030210-RAM-011	T	Water	8260B	
460-10889-12	GW-017338-030210-ACH-012	T	Water	8260B	
460-10889-12DL	GW-017338-030210-ACH-012	T	Water	8260B	
460-10889-13DL	GW-017338-030210-ACH-013	T	Water	8260B	
460-10889-14	GW-017338-030310-ACH-014	T	Water	8260B	
460-10889-15	GW-017338-030310-RAM-015	T	Water	8260B	
460-10889-16	GW-017338-030310-ACH-016	T	Water	8260B	
460-10889-22TB	TRIP BLANK-017338-030310-ACH-001	T	Water	8260B	
Analysis Batch:460-31440					
LCS 460-31440/2	Lab Control Sample	T	Water	8260B	
MB 460-31440/3	Method Blank	T	Water	8260B	
460-10889-13	GW-017338-030210-ACH-013	T	Water	8260B	
460-10889-16DL	GW-017338-030310-ACH-016	T	Water	8260B	
460-10889-17	GW-017338-030310-RAM-017	T	Water	8260B	
460-10889-18	GW-017338-030310-ACH-018	T	Water	8260B	
460-10889-19	GW-017338-030310-RAM-019	T	Water	8260B	
460-10889-19DL	GW-017338-030310-RAM-019	T	Water	8260B	
460-10889-20	GW-017338-030310-ACH-020	T	Water	8260B	
460-10889-20DL	GW-017338-030310-ACH-020	T	Water	8260B	
460-10889-21	GW-017338-030310-RAM-021	T	Water	8260B	
460-10889-21DL	GW-017338-030310-RAM-021	T	Water	8260B	
460-10889-21MS	Matrix Spike	T	Water	8260B	
460-10889-21MSD	Matrix Spike Duplicate	T	Water	8260B	

Report Basis

T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-31280					
LCS 460-31280/2-A	Lab Control Sample	T	Water	3510C	
MB 460-31280/1-A	Method Blank	T	Water	3510C	
460-10889-1	GW-017338-030110-ACH-001	T	Water	3510C	
460-10889-2	GW-017338-030110-ACH-002	T	Water	3510C	
460-10889-3	GW-017338-030110-ACH-003	T	Water	3510C	
460-10889-3MS	Matrix Spike	T	Water	3510C	
460-10889-3MSD	Matrix Spike Duplicate	T	Water	3510C	
460-10889-4	GW-017338-030110-ACH-004	T	Water	3510C	
460-10889-5	GW-017338-030210-RAM-005	T	Water	3510C	
460-10889-6EB	EB-017338-030210-ACH-006	T	Water	3510C	
460-10889-7	GW-017338-030210-RAM-007	T	Water	3510C	
460-10889-8	GW-017338-030210-ACH-008	T	Water	3510C	
460-10889-9	GW-017338-030210-RAM-009	T	Water	3510C	
460-10889-10	GW-017338-030210-ACH-010	T	Water	3510C	
460-10889-11	GW-017338-030210-RAM-011	T	Water	3510C	
460-10889-12	GW-017338-030210-ACH-012	T	Water	3510C	
460-10889-13	GW-017338-030210-ACH-013	T	Water	3510C	
460-10889-13DL	GW-017338-030210-ACH-013	T	Water	3510C	
460-10889-14	GW-017338-030310-ACH-014	T	Water	3510C	
460-10889-15	GW-017338-030310-RAM-015	T	Water	3510C	
Prep Batch: 460-31376					
LCS 460-31376/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-31376/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-31376/1-A	Method Blank	T	Water	3510C	
460-10889-16	GW-017338-030310-ACH-016	T	Water	3510C	
460-10889-17	GW-017338-030310-RAM-017	T	Water	3510C	
460-10889-18	GW-017338-030310-ACH-018	T	Water	3510C	
460-10889-19	GW-017338-030310-RAM-019	T	Water	3510C	
460-10889-19DL	GW-017338-030310-RAM-019	T	Water	3510C	
460-10889-20	GW-017338-030310-ACH-020	T	Water	3510C	
460-10889-21	GW-017338-030310-RAM-021	T	Water	3510C	
460-10889-21DL	GW-017338-030310-RAM-021	T	Water	3510C	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-31598					
LCS 460-31280/2-A	Lab Control Sample	T	Water	8270C	460-31280
460-10889-1	GW-017338-030110-ACH-001	T	Water	8270C	460-31280
460-10889-2	GW-017338-030110-ACH-002	T	Water	8270C	460-31280
460-10889-3	GW-017338-030110-ACH-003	T	Water	8270C	460-31280
460-10889-3MS	Matrix Spike	T	Water	8270C	460-31280
460-10889-3MSD	Matrix Spike Duplicate	T	Water	8270C	460-31280
460-10889-4	GW-017338-030110-ACH-004	T	Water	8270C	460-31280
460-10889-5	GW-017338-030210-RAM-005	T	Water	8270C	460-31280
460-10889-6EB	EB-017338-030210-ACH-006	T	Water	8270C	460-31280
460-10889-7	GW-017338-030210-RAM-007	T	Water	8270C	460-31280
460-10889-8	GW-017338-030210-ACH-008	T	Water	8270C	460-31280
460-10889-9	GW-017338-030210-RAM-009	T	Water	8270C	460-31280
460-10889-10	GW-017338-030210-ACH-010	T	Water	8270C	460-31280
460-10889-11	GW-017338-030210-RAM-011	T	Water	8270C	460-31280
460-10889-12	GW-017338-030210-ACH-012	T	Water	8270C	460-31280
460-10889-13	GW-017338-030210-ACH-013	T	Water	8270C	460-31280
460-10889-14	GW-017338-030310-ACH-014	T	Water	8270C	460-31280
460-10889-15	GW-017338-030310-RAM-015	T	Water	8270C	460-31280
Analysis Batch:460-31814					
MB 460-31280/1-A	Method Blank	T	Water	8270C	460-31280
LCS 460-31376/2-A	Lab Control Sample	T	Water	8270C	460-31376
LCSD 460-31376/3-A	Lab Control Sample Duplicate	T	Water	8270C	460-31376
MB 460-31376/1-A	Method Blank	T	Water	8270C	460-31376
460-10889-13DL	GW-017338-030210-ACH-013	T	Water	8270C	460-31280
460-10889-16	GW-017338-030310-ACH-016	T	Water	8270C	460-31376
460-10889-17	GW-017338-030310-RAM-017	T	Water	8270C	460-31376
460-10889-18	GW-017338-030310-ACH-018	T	Water	8270C	460-31376
460-10889-19	GW-017338-030310-RAM-019	T	Water	8270C	460-31376
460-10889-20	GW-017338-030310-ACH-020	T	Water	8270C	460-31376
460-10889-21	GW-017338-030310-RAM-021	T	Water	8270C	460-31376
Analysis Batch:460-31823					
460-10889-19DL	GW-017338-030310-RAM-019	T	Water	8270C	460-31376
460-10889-21DL	GW-017338-030310-RAM-021	T	Water	8270C	460-31376
Analysis Batch:460-31833					
460-10889-19	GW-017338-030310-RAM-019	T	Water	8270C	460-31376
Analysis Batch:460-31837					
460-10889-12	GW-017338-030210-ACH-012	T	Water	8270C	460-31280

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-32430					
MB 460-31280/1-A	Method Blank	T	Water	8270C	460-31280
460-10889-1	GW-017338-030110-ACH-001	T	Water	8270C	460-31280
460-10889-2	GW-017338-030110-ACH-002	T	Water	8270C	460-31280
460-10889-3	GW-017338-030110-ACH-003	T	Water	8270C	460-31280
460-10889-4	GW-017338-030110-ACH-004	T	Water	8270C	460-31280
460-10889-5	GW-017338-030210-RAM-005	T	Water	8270C	460-31280
460-10889-6EB	EB-017338-030210-ACH-006	T	Water	8270C	460-31280
460-10889-7	GW-017338-030210-RAM-007	T	Water	8270C	460-31280
460-10889-9	GW-017338-030210-RAM-009	T	Water	8270C	460-31280
460-10889-10	GW-017338-030210-ACH-010	T	Water	8270C	460-31280
460-10889-11	GW-017338-030210-RAM-011	T	Water	8270C	460-31280
460-10889-12	GW-017338-030210-ACH-012	T	Water	8270C	460-31280
460-10889-13	GW-017338-030210-ACH-013	T	Water	8270C	460-31280
460-10889-14	GW-017338-030310-ACH-014	T	Water	8270C	460-31280
460-10889-15	GW-017338-030310-RAM-015	T	Water	8270C	460-31280
460-10889-16	GW-017338-030310-ACH-016	T	Water	8270C	460-31376
460-10889-17	GW-017338-030310-RAM-017	T	Water	8270C	460-31376
Analysis Batch:460-32627					
MB 460-31376/1-A	Method Blank	T	Water	8270C	460-31376
460-10889-8	GW-017338-030210-ACH-008	T	Water	8270C	460-31280
460-10889-18	GW-017338-030310-ACH-018	T	Water	8270C	460-31376
460-10889-19	GW-017338-030310-RAM-019	T	Water	8270C	460-31376
460-10889-20	GW-017338-030310-ACH-020	T	Water	8270C	460-31376
Analysis Batch:460-32791					
460-10889-21	GW-017338-030310-RAM-021	T	Water	8270C	460-31376
Analysis Batch:460-32805					
LCS 460-31280/2-A	Lab Control Sample	T	Water	8270C	460-31280
LCS 460-31376/2-A	Lab Control Sample	T	Water	8270C	460-31376
LCSD 460-31376/3-A	Lab Control Sample Duplicate	T	Water	8270C	460-31376
460-10889-3MS	Matrix Spike	T	Water	8270C	460-31280
460-10889-3MSD	Matrix Spike Duplicate	T	Water	8270C	460-31280

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-31286					
LCS 460-31286/13-A	Lab Control Sample	T	Water	7470A	
MB 460-31286/12-A	Method Blank	T	Water	7470A	
460-10889-1	GW-017338-030110-ACH-001	T	Water	7470A	
460-10889-2	GW-017338-030110-ACH-002	T	Water	7470A	
460-10889-3	GW-017338-030110-ACH-003	T	Water	7470A	
460-10889-3DUDU	Duplicate	T	Water	7470A	
460-10889-3MS	Matrix Spike	T	Water	7470A	
460-10889-4	GW-017338-030110-ACH-004	T	Water	7470A	
460-10889-5	GW-017338-030210-RAM-005	T	Water	7470A	
460-10889-6EB	EB-017338-030210-ACH-006	T	Water	7470A	
460-10889-7	GW-017338-030210-RAM-007	T	Water	7470A	
460-10889-8	GW-017338-030210-ACH-008	T	Water	7470A	
460-10889-9	GW-017338-030210-RAM-009	T	Water	7470A	
460-10889-10	GW-017338-030210-ACH-010	T	Water	7470A	
460-10889-11	GW-017338-030210-RAM-011	T	Water	7470A	
460-10889-12	GW-017338-030210-ACH-012	T	Water	7470A	
460-10889-13	GW-017338-030210-ACH-013	T	Water	7470A	
460-10889-14	GW-017338-030310-ACH-014	T	Water	7470A	
460-10889-15	GW-017338-030310-RAM-015	T	Water	7470A	
460-10889-16	GW-017338-030310-ACH-016	T	Water	7470A	
460-10889-17	GW-017338-030310-RAM-017	T	Water	7470A	
460-10889-18	GW-017338-030310-ACH-018	T	Water	7470A	
460-10889-19	GW-017338-030310-RAM-019	T	Water	7470A	
Prep Batch: 460-31289					
LCS 460-31289/12-A	Lab Control Sample	T	Water	7470A	
MB 460-31289/11-A	Method Blank	T	Water	7470A	
460-10889-20	GW-017338-030310-ACH-020	T	Water	7470A	
460-10889-20DU	Duplicate	T	Water	7470A	
460-10889-20MS	Matrix Spike	T	Water	7470A	
460-10889-21	GW-017338-030310-RAM-021	T	Water	7470A	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-31300					
LCS 460-31300/2-A	Lab Control Sample	T	Water	3010A	
MB 460-31300/1-A	Method Blank	T	Water	3010A	
460-10889-1	GW-017338-030110-ACH-001	T	Water	3010A	
460-10889-2	GW-017338-030110-ACH-002	T	Water	3010A	
460-10889-3	GW-017338-030110-ACH-003	T	Water	3010A	
460-10889-3DU	Duplicate	T	Water	3010A	
460-10889-3MS	Matrix Spike	T	Water	3010A	
460-10889-4	GW-017338-030110-ACH-004	T	Water	3010A	
460-10889-5	GW-017338-030210-RAM-005	T	Water	3010A	
460-10889-6EB	EB-017338-030210-ACH-006	T	Water	3010A	
460-10889-7	GW-017338-030210-RAM-007	T	Water	3010A	
460-10889-8	GW-017338-030210-ACH-008	T	Water	3010A	
460-10889-9	GW-017338-030210-RAM-009	T	Water	3010A	
460-10889-10	GW-017338-030210-ACH-010	T	Water	3010A	
Analysis Batch:460-31343					
LCS 460-31286/13-A	Lab Control Sample	T	Water	7470A	460-31286
MB 460-31286/12-A	Method Blank	T	Water	7470A	460-31286
LCS 460-31289/12-A	Lab Control Sample	T	Water	7470A	460-31289
MB 460-31289/11-A	Method Blank	T	Water	7470A	460-31289
460-10889-1	GW-017338-030110-ACH-001	T	Water	7470A	460-31286
460-10889-2	GW-017338-030110-ACH-002	T	Water	7470A	460-31286
460-10889-3	GW-017338-030110-ACH-003	T	Water	7470A	460-31286
460-10889-3DUDU	Duplicate	T	Water	7470A	460-31286
460-10889-3MS	Matrix Spike	T	Water	7470A	460-31286
460-10889-4	GW-017338-030110-ACH-004	T	Water	7470A	460-31286
460-10889-5	GW-017338-030210-RAM-005	T	Water	7470A	460-31286
460-10889-6EB	EB-017338-030210-ACH-006	T	Water	7470A	460-31286
460-10889-7	GW-017338-030210-RAM-007	T	Water	7470A	460-31286
460-10889-8	GW-017338-030210-ACH-008	T	Water	7470A	460-31286
460-10889-9	GW-017338-030210-RAM-009	T	Water	7470A	460-31286
460-10889-10	GW-017338-030210-ACH-010	T	Water	7470A	460-31286
460-10889-11	GW-017338-030210-RAM-011	T	Water	7470A	460-31286
460-10889-12	GW-017338-030210-ACH-012	T	Water	7470A	460-31286
460-10889-13	GW-017338-030210-ACH-013	T	Water	7470A	460-31286
460-10889-14	GW-017338-030310-ACH-014	T	Water	7470A	460-31286
460-10889-15	GW-017338-030310-RAM-015	T	Water	7470A	460-31286
460-10889-16	GW-017338-030310-ACH-016	T	Water	7470A	460-31286
460-10889-17	GW-017338-030310-RAM-017	T	Water	7470A	460-31286
460-10889-18	GW-017338-030310-ACH-018	T	Water	7470A	460-31286
460-10889-19	GW-017338-030310-RAM-019	T	Water	7470A	460-31286
460-10889-20	GW-017338-030310-ACH-020	T	Water	7470A	460-31289
460-10889-20DU	Duplicate	T	Water	7470A	460-31289
460-10889-20MS	Matrix Spike	T	Water	7470A	460-31289
460-10889-21	GW-017338-030310-RAM-021	T	Water	7470A	460-31289

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-31370					
LCS 460-31300/2-A	Lab Control Sample	T	Water	6010B	460-31300
MB 460-31300/1-A	Method Blank	T	Water	6010B	460-31300
460-10889-3	GW-017338-030110-ACH-003	T	Water	6010B	460-31300
460-10889-3DU	Duplicate	T	Water	6010B	460-31300
460-10889-3MS	Matrix Spike	T	Water	6010B	460-31300
Analysis Batch:460-31415					
460-10889-1	GW-017338-030110-ACH-001	T	Water	6010B	460-31300
460-10889-2	GW-017338-030110-ACH-002	T	Water	6010B	460-31300
460-10889-4	GW-017338-030110-ACH-004	T	Water	6010B	460-31300
460-10889-5	GW-017338-030210-RAM-005	T	Water	6010B	460-31300
460-10889-6EB	EB-017338-030210-ACH-006	T	Water	6010B	460-31300
460-10889-7	GW-017338-030210-RAM-007	T	Water	6010B	460-31300
460-10889-8	GW-017338-030210-ACH-008	T	Water	6010B	460-31300
460-10889-9	GW-017338-030210-RAM-009	T	Water	6010B	460-31300
460-10889-10	GW-017338-030210-ACH-010	T	Water	6010B	460-31300
Prep Batch: 460-31540					
LCS 460-31540/2-A	Lab Control Sample	T	Water	3010A	
MB 460-31540/1-A	Method Blank	T	Water	3010A	
460-10889-11	GW-017338-030210-RAM-011	T	Water	3010A	
460-10889-12	GW-017338-030210-ACH-012	T	Water	3010A	
460-10889-13	GW-017338-030210-ACH-013	T	Water	3010A	
460-10889-14	GW-017338-030310-ACH-014	T	Water	3010A	
460-10889-15	GW-017338-030310-RAM-015	T	Water	3010A	
460-10889-16	GW-017338-030310-ACH-016	T	Water	3010A	
460-10889-17	GW-017338-030310-RAM-017	T	Water	3010A	
460-11019-D-1-B DU	Duplicate	T	Water	3010A	
460-11019-D-1-C MS	Matrix Spike	T	Water	3010A	
Analysis Batch:460-31640					
LCS 460-31540/2-A	Lab Control Sample	T	Water	6010B	460-31540
MB 460-31540/1-A	Method Blank	T	Water	6010B	460-31540
460-10889-11	GW-017338-030210-RAM-011	T	Water	6010B	460-31540
460-10889-12	GW-017338-030210-ACH-012	T	Water	6010B	460-31540
460-10889-13	GW-017338-030210-ACH-013	T	Water	6010B	460-31540
460-10889-14	GW-017338-030310-ACH-014	T	Water	6010B	460-31540
460-10889-15	GW-017338-030310-RAM-015	T	Water	6010B	460-31540
460-10889-16	GW-017338-030310-ACH-016	T	Water	6010B	460-31540
460-10889-17	GW-017338-030310-RAM-017	T	Water	6010B	460-31540
460-11019-D-1-B DU	Duplicate	T	Water	6010B	460-31540
460-11019-D-1-C MS	Matrix Spike	T	Water	6010B	460-31540

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-31650					
LCS 460-31650/2-A	Lab Control Sample	T	Water	3010A	
MB 460-31650/1-A	Method Blank	T	Water	3010A	
460-10889-18	GW-017338-030310-ACH-018	T	Water	3010A	
460-10889-18DU	Duplicate	T	Water	3010A	
460-10889-18MS	Matrix Spike	T	Water	3010A	
460-10889-19	GW-017338-030310-RAM-019	T	Water	3010A	
460-10889-20	GW-017338-030310-ACH-020	T	Water	3010A	
460-10889-21	GW-017338-030310-RAM-021	T	Water	3010A	
Analysis Batch:460-31742					
LCS 460-31650/2-A	Lab Control Sample	T	Water	6010B	460-31650
MB 460-31650/1-A	Method Blank	T	Water	6010B	460-31650
460-10889-18	GW-017338-030310-ACH-018	T	Water	6010B	460-31650
460-10889-18DU	Duplicate	T	Water	6010B	460-31650
460-10889-18MS	Matrix Spike	T	Water	6010B	460-31650
460-10889-19	GW-017338-030310-RAM-019	T	Water	6010B	460-31650
460-10889-20	GW-017338-030310-ACH-020	T	Water	6010B	460-31650
460-10889-21	GW-017338-030310-RAM-021	T	Water	6010B	460-31650

Report Basis

T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Laboratory Chronicle

Lab ID: 460-10889-1 **Client ID: GW-017338-030110-ACH-001**

Sample Date/Time: 03/01/2010 12:10 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-A-1		460-31311		03/05/2010 09:32	1	TAL EDI	SD
A:8260B	460-10889-A-1		460-31311		03/05/2010 09:32	1	TAL EDI	SD
P:3510C	460-10889-E-1-A		460-31598	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-E-1-A		460-31598	460-31280	03/06/2010 01:53	1	TAL EDI	AAA
P:3510C	460-10889-E-1-A		460-32430	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-E-1-A		460-32430	460-31280	03/18/2010 15:17	1	TAL EDI	CZ
P:3010A	460-10889-D-1-B		460-31415	460-31300	03/05/2010 09:04	1	TAL EDI	QY
A:6010B	460-10889-D-1-B		460-31415	460-31300	03/06/2010 01:48	1	TAL EDI	CDC
P:7470A	460-10889-D-1-A		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-1-A		460-31343	460-31286	03/05/2010 10:26	1	TAL EDI	TS

Lab ID: 460-10889-2 **Client ID: GW-017338-030110-ACH-002**

Sample Date/Time: 03/01/2010 13:15 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-C-2		460-31311		03/05/2010 09:56	1	TAL EDI	SD
A:8260B	460-10889-C-2		460-31311		03/05/2010 09:56	1	TAL EDI	SD
P:3510C	460-10889-F-2-A		460-31598	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-2-A		460-31598	460-31280	03/06/2010 02:17	1	TAL EDI	AAA
P:3510C	460-10889-F-2-A		460-32430	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-2-A		460-32430	460-31280	03/18/2010 15:42	1	TAL EDI	CZ
P:3010A	460-10889-D-2-B		460-31415	460-31300	03/05/2010 09:04	1	TAL EDI	QY
A:6010B	460-10889-D-2-B		460-31415	460-31300	03/06/2010 01:54	1	TAL EDI	CDC
P:7470A	460-10889-D-2-A		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-2-A		460-31343	460-31286	03/05/2010 10:27	1	TAL EDI	TS

Lab ID: 460-10889-3 **Client ID: GW-017338-030110-ACH-003**

Sample Date/Time: 03/01/2010 14:00 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-C-3		460-31311		03/05/2010 10:20	1	TAL EDI	SD
A:8260B	460-10889-C-3		460-31311		03/05/2010 10:20	1	TAL EDI	SD
P:3510C	460-10889-F-3-B		460-31598	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-3-B		460-31598	460-31280	03/06/2010 00:41	1	TAL EDI	AAA
P:3510C	460-10889-F-3-B		460-32430	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-3-B		460-32430	460-31280	03/18/2010 16:08	1	TAL EDI	CZ
P:3010A	460-10889-A-3-B		460-31370	460-31300	03/05/2010 09:04	1	TAL EDI	QY
A:6010B	460-10889-A-3-B		460-31370	460-31300	03/05/2010 16:04	1	TAL EDI	CDC
P:7470A	460-10889-D-3-A		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-3-A		460-31343	460-31286	03/05/2010 10:20	1	TAL EDI	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Laboratory Chronicle

Lab ID: 460-10889-3 **Client ID:** GW-017338-030110-ACH-003

Sample Date/Time: 03/01/2010 14:00 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-A-3 MS		460-31311		03/05/2010 11:58	1	TAL EDI	SD
A:8260B	460-10889-A-3 MS		460-31311		03/05/2010 11:58	1	TAL EDI	SD
P:3510C	460-10889-F-3-A MS		460-31598	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-3-A MS		460-31598	460-31280	03/06/2010 01:05	1	TAL EDI	AAA
P:3510C	460-10889-F-3-A MS		460-32805	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-3-A MS		460-32805	460-31280	03/22/2010 19:28	1	TAL EDI	BW
P:3010A	460-10889-A-3-D MS		460-31370	460-31300	03/05/2010 09:04	1	TAL EDI	QY
A:6010B	460-10889-A-3-D MS		460-31370	460-31300	03/05/2010 16:17	1	TAL EDI	CDC
P:7470A	460-10889-D-3-B MS		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-3-B MS		460-31343	460-31286	03/05/2010 10:22	1	TAL EDI	TS

Lab ID: 460-10889-3 **Client ID:** GW-017338-030110-ACH-003

Sample Date/Time: 03/01/2010 14:00 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-A-3 MSD		460-31311		03/05/2010 12:22	1	TAL EDI	SD
A:8260B	460-10889-A-3 MSD		460-31311		03/05/2010 12:22	1	TAL EDI	SD
P:3510C	460-10889-E-3-A MSD		460-31598	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-E-3-A MSD		460-31598	460-31280	03/06/2010 01:29	1	TAL EDI	AAA
P:3510C	460-10889-E-3-A MSD		460-32805	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-E-3-A MSD		460-32805	460-31280	03/22/2010 19:53	1	TAL EDI	BW

Lab ID: 460-10889-3 **Client ID:** GW-017338-030110-ACH-003

Sample Date/Time: 03/01/2010 14:00 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-10889-A-3-C DU		460-31370	460-31300	03/05/2010 09:04	1	TAL EDI	QY
A:6010B	460-10889-A-3-C DU		460-31370	460-31300	03/05/2010 15:57	1	TAL EDI	CDC
P:7470A	460-10889-A-3-A DU		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-A-3-A DU		460-31343	460-31286	03/05/2010 10:18	1	TAL EDI	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Laboratory Chronicle

Lab ID: 460-10889-4 **Client ID: GW-017338-030110-ACH-004**

Sample Date/Time: 03/01/2010 15:45 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-C-4		460-31311		03/05/2010 10:45	1	TAL EDI	SD
A:8260B	460-10889-C-4		460-31311		03/05/2010 10:45	1	TAL EDI	SD
P:3510C	460-10889-F-4-A		460-31598	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-4-A		460-31598	460-31280	03/06/2010 02:41	1	TAL EDI	AAA
P:3510C	460-10889-F-4-A		460-32430	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-4-A		460-32430	460-31280	03/18/2010 16:33	1	TAL EDI	CZ
P:3010A	460-10889-D-4-B		460-31415	460-31300	03/05/2010 09:04	1	TAL EDI	QY
A:6010B	460-10889-D-4-B		460-31415	460-31300	03/06/2010 02:01	1	TAL EDI	CDC
P:7470A	460-10889-D-4-A		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-4-A		460-31343	460-31286	03/05/2010 10:33	1	TAL EDI	TS

Lab ID: 460-10889-5 **Client ID: GW-017338-030210-RAM-005**

Sample Date/Time: 03/02/2010 12:10 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-C-5		460-31311		03/05/2010 13:11	1	TAL EDI	SD
A:8260B	460-10889-C-5		460-31311		03/05/2010 13:11	1	TAL EDI	SD
P:3510C	460-10889-F-5-A		460-31598	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-5-A		460-31598	460-31280	03/06/2010 03:06	1	TAL EDI	AAA
P:3510C	460-10889-F-5-A		460-32430	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-5-A		460-32430	460-31280	03/18/2010 16:58	1	TAL EDI	CZ
P:3010A	460-10889-D-5-B		460-31415	460-31300	03/05/2010 09:04	1	TAL EDI	QY
A:6010B	460-10889-D-5-B		460-31415	460-31300	03/06/2010 02:08	1	TAL EDI	CDC
P:7470A	460-10889-D-5-A		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-5-A		460-31343	460-31286	03/05/2010 10:35	1	TAL EDI	TS

Lab ID: 460-10889-6 **Client ID: EB-017338-030210-ACH-006**

Sample Date/Time: 03/02/2010 12:30 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-B-6		460-31311		03/05/2010 11:09	1	TAL EDI	SD
A:8260B	460-10889-B-6		460-31311		03/05/2010 11:09	1	TAL EDI	SD
P:3510C	460-10889-F-6-A		460-31598	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-6-A		460-31598	460-31280	03/06/2010 03:29	1	TAL EDI	AAA
P:3510C	460-10889-F-6-A		460-32430	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-6-A		460-32430	460-31280	03/18/2010 17:24	1	TAL EDI	CZ
P:3010A	460-10889-D-6-B		460-31415	460-31300	03/05/2010 09:04	1	TAL EDI	QY
A:6010B	460-10889-D-6-B		460-31415	460-31300	03/06/2010 02:14	1	TAL EDI	CDC
P:7470A	460-10889-D-6-A		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-6-A		460-31343	460-31286	03/05/2010 10:37	1	TAL EDI	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

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Lab ID: 460-10889-7 **Client ID: GW-017338-030210-RAM-007**

Sample Date/Time: 03/02/2010 13:10 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-C-7		460-31311		03/05/2010 13:35	1	TAL EDI	SD
A:8260B	460-10889-C-7		460-31311		03/05/2010 13:35	1	TAL EDI	SD
P:3510C	460-10889-F-7-A		460-31598	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-7-A		460-31598	460-31280	03/06/2010 03:54	1	TAL EDI	AAA
P:3510C	460-10889-F-7-A		460-32430	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-7-A		460-32430	460-31280	03/18/2010 17:49	1	TAL EDI	CZ
P:3010A	460-10889-D-7-B		460-31415	460-31300	03/05/2010 09:04	1	TAL EDI	QY
A:6010B	460-10889-D-7-B		460-31415	460-31300	03/06/2010 02:21	1	TAL EDI	CDC
P:7470A	460-10889-D-7-A		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-7-A		460-31343	460-31286	03/05/2010 10:39	1	TAL EDI	TS

Lab ID: 460-10889-8 **Client ID: GW-017338-030210-ACH-008**

Sample Date/Time: 03/02/2010 13:15 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-C-8		460-31311		03/05/2010 11:34	1	TAL EDI	SD
A:8260B	460-10889-C-8		460-31311		03/05/2010 11:34	1	TAL EDI	SD
P:3510C	460-10889-E-8-A		460-31598	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-E-8-A		460-31598	460-31280	03/06/2010 04:18	1	TAL EDI	AAA
P:3510C	460-10889-E-8-A		460-32627	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-E-8-A		460-32627	460-31280	03/19/2010 14:34	1	TAL EDI	CZ
P:3010A	460-10889-D-8-B		460-31415	460-31300	03/05/2010 09:04	1	TAL EDI	QY
A:6010B	460-10889-D-8-B		460-31415	460-31300	03/06/2010 02:28	1	TAL EDI	CDC
P:7470A	460-10889-D-8-A		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-8-A		460-31343	460-31286	03/05/2010 10:41	1	TAL EDI	TS

Lab ID: 460-10889-9 **Client ID: GW-017338-030210-RAM-009**

Sample Date/Time: 03/02/2010 14:40 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-C-9		460-31311		03/05/2010 14:48	1	TAL EDI	SD
A:8260B	460-10889-C-9		460-31311		03/05/2010 14:48	1	TAL EDI	SD
P:3510C	460-10889-F-9-A		460-31598	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-9-A		460-31598	460-31280	03/06/2010 04:42	1	TAL EDI	AAA
P:3510C	460-10889-F-9-A		460-32430	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-9-A		460-32430	460-31280	03/18/2010 18:40	1	TAL EDI	CZ
P:3010A	460-10889-D-9-B		460-31415	460-31300	03/05/2010 09:04	1	TAL EDI	QY
A:6010B	460-10889-D-9-B		460-31415	460-31300	03/06/2010 02:48	1	TAL EDI	CDC
P:7470A	460-10889-D-9-A		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-9-A		460-31343	460-31286	03/05/2010 10:43	1	TAL EDI	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Laboratory Chronicle

Lab ID: 460-10889-10 **Client ID: GW-017338-030210-ACH-010**

Sample Date/Time: 03/02/2010 13:20 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-C-10		460-31311		03/05/2010 17:14	1	TAL EDI	SD
A:8260B	460-10889-C-10		460-31311		03/05/2010 17:14	1	TAL EDI	SD
P:3510C	460-10889-E-10-A		460-31598	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-E-10-A		460-31598	460-31280	03/06/2010 05:06	1	TAL EDI	AAA
P:3510C	460-10889-E-10-A		460-32430	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-E-10-A		460-32430	460-31280	03/18/2010 19:05	1	TAL EDI	CZ
P:3010A	460-10889-D-10-B		460-31415	460-31300	03/05/2010 09:04	1	TAL EDI	QY
A:6010B	460-10889-D-10-B		460-31415	460-31300	03/06/2010 02:54	1	TAL EDI	CDC
P:7470A	460-10889-D-10-A		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-10-A		460-31343	460-31286	03/05/2010 10:44	1	TAL EDI	TS

Lab ID: 460-10889-11 **Client ID: GW-017338-030210-RAM-011**

Sample Date/Time: 03/02/2010 15:45 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-C-11		460-31311		03/05/2010 13:59	1	TAL EDI	SD
A:8260B	460-10889-C-11		460-31311		03/05/2010 13:59	1	TAL EDI	SD
P:3510C	460-10889-F-11-A		460-31598	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-11-A		460-31598	460-31280	03/06/2010 05:30	1	TAL EDI	AAA
P:3510C	460-10889-F-11-A		460-32430	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-11-A		460-32430	460-31280	03/18/2010 19:31	1	TAL EDI	CZ
P:3010A	460-10889-D-11-B		460-31640	460-31540	03/09/2010 09:45	1	TAL EDI	QY
A:6010B	460-10889-D-11-B		460-31640	460-31540	03/09/2010 18:17	1	TAL EDI	CDC
P:7470A	460-10889-D-11-A		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-11-A		460-31343	460-31286	03/05/2010 10:46	1	TAL EDI	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Laboratory Chronicle

Lab ID: 460-10889-12 **Client ID:** GW-017338-030210-ACH-012

Sample Date/Time: 03/02/2010 14:35 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-C-12	DL	460-31311		03/05/2010 16:25	25	TAL EDI	SD
A:8260B	460-10889-C-12	DL	460-31311		03/05/2010 16:25	25	TAL EDI	SD
P:5030B	460-10889-C-12		460-31311		03/05/2010 18:02	2	TAL EDI	SD
A:8260B	460-10889-C-12		460-31311		03/05/2010 18:02	2	TAL EDI	SD
P:3510C	460-10889-E-12-A		460-31598	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-E-12-A		460-31598	460-31280	03/06/2010 05:54	1	TAL EDI	AAA
P:3510C	460-10889-E-12-A		460-31837	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-E-12-A		460-31837	460-31280	03/10/2010 12:42	1	TAL EDI	MC
P:3510C	460-10889-E-12-A		460-32430	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-E-12-A		460-32430	460-31280	03/18/2010 19:57	1	TAL EDI	CZ
P:3010A	460-10889-D-12-B		460-31640	460-31540	03/09/2010 09:45	1	TAL EDI	QY
A:6010B	460-10889-D-12-B		460-31640	460-31540	03/09/2010 18:24	1	TAL EDI	CDC
P:7470A	460-10889-D-12-A		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-12-A		460-31343	460-31286	03/05/2010 10:48	1	TAL EDI	TS

Lab ID: 460-10889-13 **Client ID:** GW-017338-030210-ACH-013

Sample Date/Time: 03/02/2010 15:45 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-C-13	DL	460-31311		03/05/2010 17:38	2	TAL EDI	SD
A:8260B	460-10889-C-13	DL	460-31311		03/05/2010 17:38	2	TAL EDI	SD
P:5030B	460-10889-A-13		460-31440		03/08/2010 16:16	1	TAL EDI	SD
A:8260B	460-10889-A-13		460-31440		03/08/2010 16:16	1	TAL EDI	SD
P:3510C	460-10889-F-13-A		460-31598	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-13-A		460-31598	460-31280	03/06/2010 06:18	1	TAL EDI	AAA
P:3510C	460-10889-F-13-A	DL	460-31814	460-31280	03/05/2010 07:35	2	TAL EDI	MC
A:8270C	460-10889-F-13-A	DL	460-31814	460-31280	03/07/2010 20:30	2	TAL EDI	MC
P:3510C	460-10889-F-13-A		460-32430	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-13-A		460-32430	460-31280	03/18/2010 20:22	1	TAL EDI	CZ
P:3010A	460-10889-D-13-B		460-31640	460-31540	03/09/2010 09:45	1	TAL EDI	QY
A:6010B	460-10889-D-13-B		460-31640	460-31540	03/09/2010 18:30	1	TAL EDI	CDC
P:7470A	460-10889-D-13-A		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-13-A		460-31343	460-31286	03/05/2010 10:54	1	TAL EDI	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Laboratory Chronicle

Lab ID: 460-10889-14 **Client ID: GW-017338-030310-ACH-014**

Sample Date/Time: 03/03/2010 09:55 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-C-14		460-31311		03/05/2010 14:24	1	TAL EDI	SD
A:8260B	460-10889-C-14		460-31311		03/05/2010 14:24	1	TAL EDI	SD
P:3510C	460-10889-F-14-A		460-31598	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-14-A		460-31598	460-31280	03/06/2010 06:42	1	TAL EDI	AAA
P:3510C	460-10889-F-14-A		460-32430	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-14-A		460-32430	460-31280	03/18/2010 21:13	1	TAL EDI	CZ
P:3010A	460-10889-D-14-B		460-31640	460-31540	03/09/2010 09:45	1	TAL EDI	QY
A:6010B	460-10889-D-14-B		460-31640	460-31540	03/09/2010 18:37	1	TAL EDI	CDC
P:7470A	460-10889-D-14-A		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-14-A		460-31343	460-31286	03/05/2010 10:56	1	TAL EDI	TS

Lab ID: 460-10889-15 **Client ID: GW-017338-030310-RAM-015**

Sample Date/Time: 03/03/2010 11:00 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-C-15		460-31311		03/05/2010 15:12	1	TAL EDI	SD
A:8260B	460-10889-C-15		460-31311		03/05/2010 15:12	1	TAL EDI	SD
P:3510C	460-10889-F-15-A		460-31598	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-15-A		460-31598	460-31280	03/06/2010 07:06	1	TAL EDI	AAA
P:3510C	460-10889-F-15-A		460-32430	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	460-10889-F-15-A		460-32430	460-31280	03/18/2010 21:39	1	TAL EDI	CZ
P:3010A	460-10889-D-15-B		460-31640	460-31540	03/09/2010 09:45	1	TAL EDI	QY
A:6010B	460-10889-D-15-B		460-31640	460-31540	03/09/2010 18:44	1	TAL EDI	CDC
P:7470A	460-10889-D-15-A		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-15-A		460-31343	460-31286	03/05/2010 10:57	1	TAL EDI	TS

Lab ID: 460-10889-16 **Client ID: GW-017338-030310-ACH-016**

Sample Date/Time: 03/03/2010 11:00 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-C-16		460-31311		03/05/2010 15:37	1	TAL EDI	SD
A:8260B	460-10889-C-16		460-31311		03/05/2010 15:37	1	TAL EDI	SD
P:5030B	460-10889-B-16	DL	460-31440		03/08/2010 12:09	5	TAL EDI	SD
A:8260B	460-10889-B-16	DL	460-31440		03/08/2010 12:09	5	TAL EDI	SD
P:3510C	460-10889-E-16-A		460-31814	460-31376	03/05/2010 20:00	1	TAL EDI	JB
A:8270C	460-10889-E-16-A		460-31814	460-31376	03/07/2010 16:51	1	TAL EDI	MC
P:3510C	460-10889-E-16-A		460-32430	460-31376	03/05/2010 20:00	1	TAL EDI	JB
A:8270C	460-10889-E-16-A		460-32430	460-31376	03/18/2010 22:30	1	TAL EDI	CZ
P:3010A	460-10889-D-16-B		460-31640	460-31540	03/09/2010 09:45	1	TAL EDI	QY
A:6010B	460-10889-D-16-B		460-31640	460-31540	03/09/2010 18:50	1	TAL EDI	CDC
P:7470A	460-10889-D-16-A		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-16-A		460-31343	460-31286	03/05/2010 11:00	1	TAL EDI	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Laboratory Chronicle

Lab ID: 460-10889-17 **Client ID: GW-017338-030310-RAM-017**

Sample Date/Time: 03/03/2010 11:30 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-B-17		460-31440		03/08/2010 17:05	1	TAL EDI	SD
A:8260B	460-10889-B-17		460-31440		03/08/2010 17:05	1	TAL EDI	SD
P:3510C	460-10889-F-17-A		460-31814	460-31376	03/05/2010 20:00	1	TAL EDI	JB
A:8270C	460-10889-F-17-A		460-31814	460-31376	03/07/2010 17:15	1	TAL EDI	MC
P:3510C	460-10889-F-17-A		460-32430	460-31376	03/05/2010 20:00	1	TAL EDI	JB
A:8270C	460-10889-F-17-A		460-32430	460-31376	03/18/2010 22:56	1	TAL EDI	CZ
P:3010A	460-10889-D-17-B		460-31640	460-31540	03/09/2010 09:45	1	TAL EDI	QY
A:6010B	460-10889-D-17-B		460-31640	460-31540	03/09/2010 19:11	1	TAL EDI	CDC
P:7470A	460-10889-D-17-A		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-17-A		460-31343	460-31286	03/05/2010 11:01	1	TAL EDI	TS

Lab ID: 460-10889-18 **Client ID: GW-017338-030310-ACH-018**

Sample Date/Time: 03/03/2010 12:00 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-B-18		460-31440		03/08/2010 11:45	1	TAL EDI	SD
A:8260B	460-10889-B-18		460-31440		03/08/2010 11:45	1	TAL EDI	SD
P:3510C	460-10889-F-18-A		460-31814	460-31376	03/05/2010 20:00	1	TAL EDI	JB
A:8270C	460-10889-F-18-A		460-31814	460-31376	03/07/2010 17:40	1	TAL EDI	MC
P:3510C	460-10889-F-18-A		460-32627	460-31376	03/05/2010 20:00	1	TAL EDI	JB
A:8270C	460-10889-F-18-A		460-32627	460-31376	03/19/2010 12:52	1	TAL EDI	CZ
P:3010A	460-10889-D-18-B		460-31742	460-31650	03/10/2010 09:20	1	TAL EDI	QY
A:6010B	460-10889-D-18-B		460-31742	460-31650	03/10/2010 16:04	1	TAL EDI	CDC
P:7470A	460-10889-D-18-A		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-18-A		460-31343	460-31286	03/05/2010 11:03	1	TAL EDI	TS

Lab ID: 460-10889-18 MS **Client ID: GW-017338-030310-ACH-018**

Sample Date/Time: 03/03/2010 12:00 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-10889-D-18-D MS		460-31742	460-31650	03/10/2010 09:20	1	TAL EDI	QY
A:6010B	460-10889-D-18-D MS		460-31742	460-31650	03/10/2010 16:17	1	TAL EDI	CDC

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Laboratory Chronicle

Lab ID: 460-10889-18 DU **Client ID:** GW-017338-030310-ACH-018

Sample Date/Time: 03/03/2010 12:00 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-10889-D-18-C DU		460-31742	460-31650	03/10/2010 09:20	1	TAL EDI	QY
A:6010B	460-10889-D-18-C DU		460-31742	460-31650	03/10/2010 15:57	1	TAL EDI	CDC

Lab ID: 460-10889-19 **Client ID:** GW-017338-030310-RAM-019

Sample Date/Time: 03/03/2010 12:55 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-C-19	DL	460-31440		03/08/2010 12:33	1000	TAL EDI	SD
A:8260B	460-10889-C-19	DL	460-31440		03/08/2010 12:33	1000	TAL EDI	SD
P:5030B	460-10889-C-19		460-31440		03/08/2010 13:02	50	TAL EDI	SD
A:8260B	460-10889-C-19		460-31440		03/08/2010 13:02	50	TAL EDI	SD
P:3510C	460-10889-F-19-A		460-31814	460-31376	03/05/2010 20:00	1	TAL EDI	JB
A:8270C	460-10889-F-19-A		460-31814	460-31376	03/07/2010 18:04	1	TAL EDI	MC
P:3510C	460-10889-F-19-A	DL	460-31823	460-31376	03/05/2010 20:00	5	TAL EDI	JB
A:8270C	460-10889-F-19-A	DL	460-31823	460-31376	03/08/2010 16:02	5	TAL EDI	MC
P:3510C	460-10889-F-19-A		460-31833	460-31376	03/05/2010 20:00	1	TAL EDI	JB
A:8270C	460-10889-F-19-A		460-31833	460-31376	03/09/2010 15:35	1	TAL EDI	MC
P:3510C	460-10889-F-19-A		460-32627	460-31376	03/05/2010 20:00	1	TAL EDI	JB
A:8270C	460-10889-F-19-A		460-32627	460-31376	03/19/2010 13:18	1	TAL EDI	CZ
P:3010A	460-10889-D-19-B		460-31742	460-31650	03/10/2010 09:20	1	TAL EDI	QY
A:6010B	460-10889-D-19-B		460-31742	460-31650	03/10/2010 16:24	1	TAL EDI	CDC
P:3010A	460-10889-D-19-B ^3		460-31742	460-31650	03/10/2010 09:20	3	TAL EDI	QY
A:6010B	460-10889-D-19-B ^3		460-31742	460-31650	03/10/2010 16:45	3	TAL EDI	CDC
P:7470A	460-10889-D-19-A		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-19-A		460-31343	460-31286	03/05/2010 11:05	1	TAL EDI	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Laboratory Chronicle

Lab ID: 460-10889-20 **Client ID: GW-017338-030310-ACH-020**

Sample Date/Time: 03/03/2010 13:40 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-B-20		460-31440		03/08/2010 14:14	1	TAL EDI	SD
A:8260B	460-10889-B-20		460-31440		03/08/2010 14:14	1	TAL EDI	SD
P:5030B	460-10889-B-20	DL	460-31440		03/08/2010 15:03	10	TAL EDI	SD
A:8260B	460-10889-B-20	DL	460-31440		03/08/2010 15:03	10	TAL EDI	SD
P:3510C	460-10889-F-20-A		460-31814	460-31376	03/05/2010 20:00	1	TAL EDI	JB
A:8270C	460-10889-F-20-A		460-31814	460-31376	03/07/2010 18:28	1	TAL EDI	MC
P:3510C	460-10889-F-20-A		460-32627	460-31376	03/05/2010 20:00	1	TAL EDI	JB
A:8270C	460-10889-F-20-A		460-32627	460-31376	03/19/2010 13:43	1	TAL EDI	CZ
P:3010A	460-10889-D-20-D		460-31742	460-31650	03/10/2010 09:20	1	TAL EDI	QY
A:6010B	460-10889-D-20-D		460-31742	460-31650	03/10/2010 16:51	1	TAL EDI	CDC
P:7470A	460-10889-D-20-A		460-31343	460-31289	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-20-A		460-31343	460-31289	03/05/2010 11:19	1	TAL EDI	TS

Lab ID: 460-10889-20 MS **Client ID: GW-017338-030310-ACH-020**

Sample Date/Time: 03/03/2010 13:40 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7470A	460-10889-D-20-C MS		460-31343	460-31289	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-20-C MS		460-31343	460-31289	03/05/2010 11:22	1	TAL EDI	TS

Lab ID: 460-10889-20 DU **Client ID: GW-017338-030310-ACH-020**

Sample Date/Time: 03/03/2010 13:40 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7470A	460-10889-D-20-B DU		460-31343	460-31289	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-20-B DU		460-31343	460-31289	03/05/2010 11:20	1	TAL EDI	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Laboratory Chronicle

Lab ID: 460-10889-21 **Client ID: GW-017338-030310-RAM-021**

Sample Date/Time: 03/03/2010 14:00 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-B-21		460-31440		03/08/2010 10:08	1	TAL EDI	SD
A:8260B	460-10889-B-21		460-31440		03/08/2010 10:08	1	TAL EDI	SD
P:5030B	460-10889-B-21	DL	460-31440		03/08/2010 15:27	10	TAL EDI	SD
A:8260B	460-10889-B-21	DL	460-31440		03/08/2010 15:27	10	TAL EDI	SD
P:3510C	460-10889-F-21-A		460-31814	460-31376	03/05/2010 20:00	1	TAL EDI	JB
A:8270C	460-10889-F-21-A		460-31814	460-31376	03/07/2010 18:52	1	TAL EDI	MC
P:3510C	460-10889-F-21-A	DL	460-31823	460-31376	03/05/2010 20:00	10	TAL EDI	JB
A:8270C	460-10889-F-21-A	DL	460-31823	460-31376	03/08/2010 16:26	10	TAL EDI	MC
P:3510C	460-10889-F-21-A		460-32791	460-31376	03/05/2010 20:00	2	TAL EDI	JB
A:8270C	460-10889-F-21-A		460-32791	460-31376	03/22/2010 19:36	2	TAL EDI	CZ
P:3010A	460-10889-D-21-B		460-31742	460-31650	03/10/2010 09:20	1	TAL EDI	QY
A:6010B	460-10889-D-21-B		460-31742	460-31650	03/10/2010 16:58	1	TAL EDI	CDC
P:7470A	460-10889-D-21-A		460-31343	460-31289	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	460-10889-D-21-A		460-31343	460-31289	03/05/2010 11:25	1	TAL EDI	TS

Lab ID: 460-10889-21 MS **Client ID: GW-017338-030310-RAM-021**

Sample Date/Time: 03/03/2010 14:00 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-B-21 MS		460-31440		03/08/2010 10:33	50	TAL EDI	SD
A:8260B	460-10889-B-21 MS		460-31440		03/08/2010 10:33	50	TAL EDI	SD

Lab ID: 460-10889-21 MSD **Client ID: GW-017338-030310-RAM-021**

Sample Date/Time: 03/03/2010 14:00 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-B-21 MSD		460-31440		03/08/2010 10:57	50	TAL EDI	SD
A:8260B	460-10889-B-21 MSD		460-31440		03/08/2010 10:57	50	TAL EDI	SD

Lab ID: 460-10889-22 **Client ID: TRIP BLANK-017338-030310-ACH-001**

Sample Date/Time: 03/03/2010 00:00 Received Date/Time: 03/03/2010 19:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-10889-C-22		460-31311		03/05/2010 09:08	1	TAL EDI	SD
A:8260B	460-10889-C-22		460-31311		03/05/2010 09:08	1	TAL EDI	SD

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Laboratory Chronicle

Lab ID: **MB** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-31311/4		460-31311		03/05/2010 08:33	1	TAL EDI	SD
A:8260B	MB 460-31311/4		460-31311		03/05/2010 08:33	1	TAL EDI	SD
P:5030B	MB 460-31440/3		460-31440		03/08/2010 09:32	1	TAL EDI	SD
A:8260B	MB 460-31440/3		460-31440		03/08/2010 09:32	1	TAL EDI	SD
P:3510C	MB 460-31376/1-A		460-31814	460-31376	03/05/2010 20:00	1	TAL EDI	JB
A:8270C	MB 460-31376/1-A		460-31814	460-31376	03/07/2010 15:38	1	TAL EDI	MC
P:3510C	MB 460-31280/1-A		460-31814	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	MB 460-31280/1-A		460-31814	460-31280	03/07/2010 20:05	1	TAL EDI	MC
P:3510C	MB 460-31280/1-A		460-32430	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	MB 460-31280/1-A		460-32430	460-31280	03/18/2010 14:51	1	TAL EDI	CZ
P:3510C	MB 460-31376/1-A		460-32627	460-31376	03/05/2010 20:00	1	TAL EDI	JB
A:8270C	MB 460-31376/1-A		460-32627	460-31376	03/19/2010 15:00	1	TAL EDI	CZ
P:3010A	MB 460-31300/1-A		460-31370	460-31300	03/05/2010 09:04	1	TAL EDI	QY
A:6010B	MB 460-31300/1-A		460-31370	460-31300	03/05/2010 15:44	1	TAL EDI	CDC
P:3010A	MB 460-31540/1-A		460-31640	460-31540	03/09/2010 09:45	1	TAL EDI	QY
A:6010B	MB 460-31540/1-A		460-31640	460-31540	03/09/2010 16:51	1	TAL EDI	CDC
P:3010A	MB 460-31650/1-A		460-31742	460-31650	03/10/2010 09:20	1	TAL EDI	QY
A:6010B	MB 460-31650/1-A		460-31742	460-31650	03/10/2010 15:44	1	TAL EDI	CDC
P:7470A	MB 460-31286/12-A		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	MB 460-31286/12-A		460-31343	460-31286	03/05/2010 10:12	1	TAL EDI	TS
P:7470A	MB 460-31289/11-A		460-31343	460-31289	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	MB 460-31289/11-A		460-31343	460-31289	03/05/2010 11:12	1	TAL EDI	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Laboratory Chronicle

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-31311/3		460-31311		03/05/2010 07:44	1	TAL EDI	SD
A:8260B	LCS 460-31311/3		460-31311		03/05/2010 07:44	1	TAL EDI	SD
P:5030B	LCS 460-31440/2		460-31440		03/08/2010 08:44	1	TAL EDI	SD
A:8260B	LCS 460-31440/2		460-31440		03/08/2010 08:44	1	TAL EDI	SD
P:3510C	LCS 460-31280/2-A		460-31598	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	LCS 460-31280/2-A		460-31598	460-31280	03/06/2010 00:05	1	TAL EDI	AAA
P:3510C	LCS 460-31376/2-A		460-31814	460-31376	03/05/2010 20:00	1	TAL EDI	JB
A:8270C	LCS 460-31376/2-A		460-31814	460-31376	03/07/2010 16:02	1	TAL EDI	MC
P:3510C	LCS 460-31376/2-A		460-32805	460-31376	03/05/2010 20:00	1	TAL EDI	JB
A:8270C	LCS 460-31376/2-A		460-32805	460-31376	03/22/2010 17:27	1	TAL EDI	BW
P:3510C	LCS 460-31280/2-A		460-32805	460-31280	03/05/2010 07:35	1	TAL EDI	MC
A:8270C	LCS 460-31280/2-A		460-32805	460-31280	03/22/2010 18:40	1	TAL EDI	BW
P:3010A	LCS 460-31300/2-A		460-31370	460-31300	03/05/2010 09:04	1	TAL EDI	QY
A:6010B	LCS 460-31300/2-A		460-31370	460-31300	03/05/2010 15:51	1	TAL EDI	CDC
P:3010A	LCS 460-31540/2-A		460-31640	460-31540	03/09/2010 09:45	1	TAL EDI	QY
A:6010B	LCS 460-31540/2-A		460-31640	460-31540	03/09/2010 16:57	1	TAL EDI	CDC
P:3010A	LCS 460-31650/2-A		460-31742	460-31650	03/10/2010 09:20	1	TAL EDI	QY
A:6010B	LCS 460-31650/2-A		460-31742	460-31650	03/10/2010 15:51	1	TAL EDI	CDC
P:7470A	LCS 460-31286/13-A		460-31343	460-31286	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	LCS 460-31286/13-A		460-31343	460-31286	03/05/2010 10:14	1	TAL EDI	TS
P:7470A	LCS 460-31289/12-A		460-31343	460-31289	03/05/2010 07:30	1	TAL EDI	TS
A:7470A	LCS 460-31289/12-A		460-31343	460-31289	03/05/2010 11:14	1	TAL EDI	TS

Lab ID: LCSD **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3510C	LCSD 460-31376/3-A		460-31814	460-31376	03/05/2010 20:00	1	TAL EDI	JB
A:8270C	LCSD 460-31376/3-A		460-31814	460-31376	03/07/2010 16:27	1	TAL EDI	MC
P:3510C	LCSD 460-31376/3-A		460-32805	460-31376	03/05/2010 20:00	1	TAL EDI	JB
A:8270C	LCSD 460-31376/3-A		460-32805	460-31376	03/22/2010 17:51	1	TAL EDI	BW

Lab ID: MS **Client ID:** N/A

Sample Date/Time: 03/05/2010 11:30 Received Date/Time: 03/08/2010 14:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-11019-D-1-C MS		460-31640	460-31540	03/09/2010 09:45	1	TAL EDI	QY
A:6010B	460-11019-D-1-C MS		460-31640	460-31540	03/09/2010 17:24	1	TAL EDI	CDC

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-10889-1

Laboratory Chronicle

Lab ID: DU **Client ID:** N/A

Sample Date/Time: 03/05/2010 11:30 Received Date/Time: 03/08/2010 14:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-11019-D-1-B DU		460-31640	460-31540	03/09/2010 09:45	1	TAL EDI	QY
A:6010B	460-11019-D-1-B DU		460-31640	460-31540	03/09/2010 17:04	1	TAL EDI	CDC

Lab References:
TAL EDI = TestAmerica Edison

Method 8260 DEL

Volatile Organics (GC/MS) by Method 8260 (Delaware)

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
GW-017338-030110-A CH-001	460-10889-1	91	94	94
GW-017338-030110-A CH-002	460-10889-2	100	99	98
GW-017338-030110-A CH-003	460-10889-3	90	96	94
GW-017338-030110-A CH-004	460-10889-4	91	96	95
GW-017338-030210-R AM-005	460-10889-5	97	100	95
EB-017338-030210-A CH-006	460-10889-6	93	97	95
GW-017338-030210-R AM-007	460-10889-7	95	98	95
GW-017338-030210-A CH-008	460-10889-8	97	99	100
GW-017338-030210-R AM-009	460-10889-9	89	96	95
GW-017338-030210-A CH-010	460-10889-10	97	100	100
GW-017338-030210-R AM-011	460-10889-11	96	97	97
GW-017338-030210-A CH-012	460-10889-12	82	94	96
GW-017338-030210-A CH-012 DL	460-10889-12 DL	92	96	98
GW-017338-030210-A CH-013	460-10889-13	101	96	96
GW-017338-030210-A CH-013 DL	460-10889-13 DL	93	97	94
GW-017338-030310-A CH-014	460-10889-14	92	94	95
GW-017338-030310-R AM-015	460-10889-15	91	93	92
GW-017338-030310-A CH-016	460-10889-16	86	86	97
GW-017338-030310-A CH-016 DL	460-10889-16 DL	108	106	113
GW-017338-030310-R AM-017	460-10889-17	109	109	110
GW-017338-030310-A CH-018	460-10889-18	104	104	109
GW-017338-030310-R AM-019	460-10889-19	102	115	114
GW-017338-030310-R AM-019 DL	460-10889-19 DL	100	98	98
GW-017338-030310-A CH-020	460-10889-20	94	96	99

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = 4-Bromofluorobenzene	69-135

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
GW-017338-030310-ACH-020 DL	460-10889-20 DL	97	98	101
GW-017338-030310-RAM-021	460-10889-21	99	105	102
GW-017338-030310-RAM-021 DL	460-10889-21 DL	106	106	103
TRIP BLANK-017338-030310-ACH-001	460-10889-22	90	94	92
	MB 460-31311/4	91	95	94
	MB 460-31440/3	108	107	107
	LCS 460-31311/3	87	94	93
	LCS 460-31440/2	101	101	104
GW-017338-030110-ACH-003 MS	460-10889-3 MS	88	94	96
GW-017338-030310-RAM-021 MS	460-10889-21 MS	97	95	96
GW-017338-030110-ACH-003 MSD	460-10889-3 MSD	94	99	100
GW-017338-030310-RAM-021 MSD	460-10889-21 MSD	95	95	94

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = 4-Bromofluorobenzene	69-135

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d16905.d

Lab ID: LCS 460-31311/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.3	102	74-128	
Dichlorodifluoromethane	20.0	22.6	113	46-145	
Chloromethane	20.0	19.7	99	58-146	
Vinyl chloride	20.0	22.8	114	61-144	
Bromomethane	20.0	18.7	93	55-153	
1,2-Dibromo-3-Chloropropane	20.0	19.9	99	70-116	
1,2-Dichlorobenzene	20.0	19.5	97	82-122	
Trichlorofluoromethane	20.0	20.5	103	69-147	
1,1-Dichloroethene	20.0	18.8	94	56-139	
1,2-Dichloropropane	20.0	19.7	98	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.2	96	47-139	
Acetone	20.0	23.9	119	45-156	
Carbon disulfide	20.0	18.9	95	58-139	
Methyl acetate	20.0	20.0	100	50-151	
Methylene Chloride	20.0	18.2	91	79-119	
trans-1,2-Dichloroethene	20.0	18.2	91	75-122	
Chlorodibromomethane	20.0	20.5	103	80-120	
Methyl tert-butyl ether	20.0	19.0	95	71-115	
Chloroethane	20.0	17.9	89	69-145	
1,1-Dichloroethane	20.0	18.6	93	78-122	
cis-1,2-Dichloroethene	20.0	19.3	96	80-120	
2-Butanone (MEK)	20.0	19.0	95	65-114	
Chloroform	20.0	19.5	97	82-123	
Ethylbenzene	20.0	20.4	102	79-126	
Cyclohexane	20.0	20.3	101	58-133	
Carbon tetrachloride	20.0	18.9	94	73-120	
Benzene	20.0	19.2	96	83-124	
1,2-Dichloroethane	20.0	19.2	96	74-118	
Trichloroethene	20.0	19.7	98	78-119	
Methylcyclohexane	20.0	19.1	95	61-129	
Dichlorobromomethane	20.0	20.1	101	79-119	
cis-1,3-Dichloropropene	20.0	19.1	96	80-120	
4-Methyl-2-pentanone (MIBK)	20.0	18.2	91	53-120	
Toluene	20.0	19.6	98	80-120	
trans-1,3-Dichloropropene	20.0	19.5	97	78-118	
1,1,2-Trichloroethane	20.0	19.5	98	79-119	
Tetrachloroethene	20.0	20.8	104	68-139	
2-Hexanone	20.0	17.0	85	53-121	
1,2-Dibromoethane	20.0	19.9	100	78-118	
Chlorobenzene	20.0	19.6	98	81-121	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d16905.d

Lab ID: LCS 460-31311/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	20.2	101	69-112	
Bromoform	20.0	20.6	103	73-123	
Isopropylbenzene	20.0	22.3	112	80-125	
1,1,2,2-Tetrachloroethane	20.0	20.1	100	74-126	
1,3-Dichlorobenzene	20.0	19.7	99	81-126	
1,4-Dichlorobenzene	20.0	19.8	99	83-123	
1,2,4-Trichlorobenzene	20.0	20.2	101	66-120	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d16998.d

Lab ID: LCS 460-31440/2 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.6	98	74-128	
Dichlorodifluoromethane	20.0	17.2	86	46-145	
Chloromethane	20.0	19.7	98	58-146	
Vinyl chloride	20.0	16.7	83	61-144	
Bromomethane	20.0	16.9	85	55-153	
1,2-Dibromo-3-Chloropropane	20.0	21.9	109	70-116	
1,2-Dichlorobenzene	20.0	20.1	100	82-122	
Trichlorofluoromethane	20.0	15.1	76	69-147	
1,1-Dichloroethene	20.0	19.9	100	56-139	
1,2-Dichloropropane	20.0	20.1	101	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.7	98	47-139	
Acetone	20.0	19.0	95	45-156	
Carbon disulfide	20.0	20.9	104	58-139	
Methyl acetate	20.0	21.9	109	50-151	
Methylene Chloride	20.0	19.5	97	79-119	
trans-1,2-Dichloroethene	20.0	18.8	94	75-122	
Chlorodibromomethane	20.0	20.4	102	80-120	
Methyl tert-butyl ether	20.0	21.2	106	71-115	
Chloroethane	20.0	9.72	49	69-145	*
1,1-Dichloroethane	20.0	19.4	97	78-122	
cis-1,2-Dichloroethene	20.0	20.2	101	80-120	
2-Butanone (MEK)	20.0	20.4	102	65-114	
Chloroform	20.0	20.1	100	82-123	
Ethylbenzene	20.0	19.9	99	79-126	
Cyclohexane	20.0	20.8	104	58-133	
Carbon tetrachloride	20.0	19.8	99	73-120	
Benzene	20.0	19.4	97	83-124	
1,2-Dichloroethane	20.0	20.1	101	74-118	
Trichloroethene	20.0	20.0	100	78-119	
Methylcyclohexane	20.0	20.3	101	61-129	
Dichlorobromomethane	20.0	20.5	103	79-119	
cis-1,3-Dichloropropene	20.0	19.5	98	80-120	
4-Methyl-2-pentanone (MIBK)	20.0	20.4	102	53-120	
Toluene	20.0	20.0	100	80-120	
trans-1,3-Dichloropropene	20.0	20.8	104	78-118	
1,1,2-Trichloroethane	20.0	20.1	101	79-119	
Tetrachloroethene	20.0	20.4	102	68-139	
2-Hexanone	20.0	18.2	91	53-121	
1,2-Dibromoethane	20.0	20.4	102	78-118	
Chlorobenzene	20.0	20.2	101	81-121	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d16998.d

Lab ID: LCS 460-31440/2 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	20.8	104	69-112	
Bromoform	20.0	21.6	108	73-123	
Isopropylbenzene	20.0	21.4	107	80-125	
1,1,2,2-Tetrachloroethane	20.0	20.8	104	74-126	
1,3-Dichlorobenzene	20.0	19.6	98	81-126	
1,4-Dichlorobenzene	20.0	20.0	100	83-123	
1,2,4-Trichlorobenzene	20.0	20.8	104	66-120	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d16915.d

Lab ID: 460-10889-3 MS Client ID: GW-017338-030110-ACH-003 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	20.1	100	74-128	
Dichlorodifluoromethane	20.0	1.0 U	22.8	114	46-145	
Chloromethane	20.0	1.0 U	18.8	94	58-146	
Vinyl chloride	20.0	1.0 U	20.1	100	61-144	
Bromomethane	20.0	1.0 U	18.6	93	55-153	
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	25.6	128	70-116	F
1,2-Dichlorobenzene	20.0	1.0 U	21.1	106	82-122	
Trichlorofluoromethane	20.0	1.0 U	19.0	95	69-147	
1,1-Dichloroethene	20.0	1.0 U	18.2	91	56-139	
1,2-Dichloropropane	20.0	1.0 U	20.5	103	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	1.0 U	18.5	93	47-139	
Acetone	20.0	10 U	21.4	107	45-156	
Carbon disulfide	20.0	1.0 U	18.1	90	58-139	
Methyl acetate	20.0	2.0 U	21.8	109	50-151	
Methylene Chloride	20.0	1.0 U	17.0	85	79-119	
trans-1,2-Dichloroethene	20.0	1.0 U	18.1	91	75-122	
Chlorodibromomethane	20.0	1.0 U	20.7	103	80-120	
Methyl tert-butyl ether	20.0	3.1	21.9	94	71-115	
Chloroethane	20.0	1.0 U	18.0	90	69-145	
1,1-Dichloroethane	20.0	1.0 U	18.5	93	78-122	
cis-1,2-Dichloroethene	20.0	1.0 U	19.4	97	80-120	
2-Butanone (MEK)	20.0	10 U	20.6	103	65-114	
Chloroform	20.0	1.0 U	19.6	98	82-123	
Ethylbenzene	20.0	0.31 J	21.2	105	79-126	
Cyclohexane	20.0	2.3	23.0	104	58-133	
Carbon tetrachloride	20.0	1.0 U	19.0	95	73-120	
Benzene	20.0	2.2	21.1	94	83-124	
1,2-Dichloroethane	20.0	1.0 U	20.0	100	74-118	
Trichloroethene	20.0	1.0 U	20.2	101	78-119	
Methylcyclohexane	20.0	10	28.9	93	61-129	
Dichlorobromomethane	20.0	1.0 U	20.5	102	79-119	
cis-1,3-Dichloropropene	20.0	1.0 U	19.2	96	80-120	
4-Methyl-2-pentanone (MIBK)	20.0	10 U	22.3	112	53-120	
Toluene	20.0	0.58 J	20.3	99	80-120	
trans-1,3-Dichloropropene	20.0	1.0 U	20.5	102	78-118	
1,1,2-Trichloroethane	20.0	1.0 U	27.4	137	79-119	F
Tetrachloroethene	20.0	1.0 U	20.5	102	68-139	
2-Hexanone	20.0	10 U	20.7	104	53-121	
1,2-Dibromoethane	20.0	1.0 U	21.6	108	78-118	
Chlorobenzene	20.0	1.7	21.4	99	81-121	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d16915.d

Lab ID: 460-10889-3 MS Client ID: GW-017338-030110-ACH-003 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	20.0	1.0 U	20.3	101	69-112	
Bromoform	20.0	1.0 U	21.5	107	73-123	
Isopropylbenzene	20.0	3.3	26.9	118	80-125	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	23.2	116	74-126	
1,3-Dichlorobenzene	20.0	1.0 U	20.4	102	81-126	
1,4-Dichlorobenzene	20.0	1.0 U	20.7	103	83-123	
1,2,4-Trichlorobenzene	20.0	1.0 U	22.9	115	66-120	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d17002.d

Lab ID: 460-10889-21 MS Client ID: GW-017338-030310-RAM-021 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	1000	10 U	921	92	74-128	
Dichlorodifluoromethane	1000	10 U	559	56	46-145	
Chloromethane	1000	10 U	944	94	58-146	
Vinyl chloride	1000	10 U	662	66	61-144	
Bromomethane	1000	10 U	1030	103	55-153	
1,2-Dibromo-3-Chloropropane	1000	10 U	981	98	70-116	
1,2-Dichlorobenzene	1000	10 U	964	96	82-122	
Trichlorofluoromethane	1000	10 U	954	95	69-147	
1,1-Dichloroethene	1000	10 U	928	93	56-139	
1,2-Dichloropropane	1000	10 U	932	93	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	1000	10 U	755	75	47-139	
Acetone	1000	100 U	982	98	45-156	
Carbon disulfide	1000	10 U	818	82	58-139	
Methyl acetate	1000	20 U	803	80	50-151	
Methylene Chloride	1000	10 U	847	85	79-119	
trans-1,2-Dichloroethene	1000	10 U	862	86	75-122	
Chlorodibromomethane	1000	10 U	946	95	80-120	
Methyl tert-butyl ether	1000	16	742	73	71-115	
Chloroethane	1000	10 U	487	49	69-145	F
1,1-Dichloroethane	1000	10 U	894	89	78-122	
cis-1,2-Dichloroethene	1000	10 U	935	93	80-120	
2-Butanone (MEK)	1000	100 U	741	74	65-114	
Chloroform	1000	10 U	937	94	82-123	
Ethylbenzene	1000	620	1690	107	79-126	
Cyclohexane	1000	10 U	804	80	58-133	
Carbon tetrachloride	1000	10 U	932	93	73-120	
Benzene	1000	13	964	95	83-124	
1,2-Dichloroethane	1000	10 U	875	87	74-118	
Trichloroethene	1000	10 U	908	91	78-119	
Methylcyclohexane	1000	65	827	76	61-129	
Dichlorobromomethane	1000	10 U	920	92	79-119	
cis-1,3-Dichloropropene	1000	10 U	970	97	80-120	
4-Methyl-2-pentanone (MIBK)	1000	100 U	726	73	53-120	
Toluene	1000	5000	6150	118	80-120	4
trans-1,3-Dichloropropene	1000	10 U	971	97	78-118	
1,1,2-Trichloroethane	1000	10 U	1050	105	79-119	
Tetrachloroethene	1000	10 U	978	98	68-139	
2-Hexanone	1000	100 U	620	62	53-121	
1,2-Dibromoethane	1000	10 U	960	96	78-118	
Chlorobenzene	1000	10 U	944	94	81-121	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d17002.d

Lab ID: 460-10889-21 MS Client ID: GW-017338-030310-RAM-021 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	1000	10 U	997	100	69-112	
Bromoform	1000	10 U	965	97	73-123	
Isopropylbenzene	1000	7.5 J	1070	106	80-125	
1,1,2,2-Tetrachloroethane	1000	10 U	977	98	74-126	
1,3-Dichlorobenzene	1000	10 U	999	100	81-126	
1,4-Dichlorobenzene	1000	10 U	980	98	83-123	
1,2,4-Trichlorobenzene	1000	10 U	1040	104	66-120	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d16916.d

Lab ID: 460-10889-3 MSD Client ID: GW-017338-030110-ACH-003 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.6	98	2	30	74-128	
Dichlorodifluoromethane	20.0	20.9	104	9	30	46-145	
Chloromethane	20.0	21.1	105	11	30	58-146	
Vinyl chloride	20.0	19.7	99	2	30	61-144	
Bromomethane	20.0	16.7	84	11	30	55-153	
1,2-Dibromo-3-Chloropropane	20.0	26.2	131	2	30	70-116	F
1,2-Dichlorobenzene	20.0	21.3	107	1	30	82-122	
Trichlorofluoromethane	20.0	20.8	104	9	30	69-147	
1,1-Dichloroethene	20.0	18.5	93	2	30	56-139	
1,2-Dichloropropane	20.0	20.4	102	1	30	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.6	93	0	30	47-139	
Acetone	20.0	21.3	107	1	30	45-156	
Carbon disulfide	20.0	17.6	88	2	30	58-139	
Methyl acetate	20.0	21.3	106	3	30	50-151	
Methylene Chloride	20.0	17.5	88	3	30	79-119	
trans-1,2-Dichloroethene	20.0	18.0	90	1	30	75-122	
Chlorodibromomethane	20.0	21.6	108	4	30	80-120	
Methyl tert-butyl ether	20.0	22.0	95	1	30	71-115	
Chloroethane	20.0	17.5	88	3	30	69-145	
1,1-Dichloroethane	20.0	18.8	94	2	30	78-122	
cis-1,2-Dichloroethene	20.0	19.8	99	2	30	80-120	
2-Butanone (MEK)	20.0	21.3	106	3	30	65-114	
Chloroform	20.0	19.5	97	1	30	82-123	
Ethylbenzene	20.0	21.3	105	1	30	79-126	
Cyclohexane	20.0	22.8	103	1	30	58-133	
Carbon tetrachloride	20.0	17.8	89	6	30	73-120	
Benzene	20.0	21.6	97	3	30	83-124	
1,2-Dichloroethane	20.0	20.2	101	1	30	74-118	
Trichloroethene	20.0	19.9	99	2	30	78-119	
Methylcyclohexane	20.0	28.6	91	1	30	61-129	
Dichlorobromomethane	20.0	20.7	104	1	30	79-119	
cis-1,3-Dichloropropene	20.0	20.0	100	4	30	80-120	
4-Methyl-2-pentanone (MIBK)	20.0	24.1	121	8	30	53-120	F
Toluene	20.0	20.9	102	3	30	80-120	
trans-1,3-Dichloropropene	20.0	20.6	103	1	30	78-118	
1,1,2-Trichloroethane	20.0	27.9	140	2	30	79-119	F
Tetrachloroethene	20.0	20.8	104	2	30	68-139	
2-Hexanone	20.0	20.3	102	2	30	53-121	
1,2-Dibromoethane	20.0	21.3	107	1	30	78-118	
Chlorobenzene	20.0	21.8	101	2	30	81-121	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d16916.d

Lab ID: 460-10889-3 MSD Client ID: GW-017338-030110-ACH-003 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Styrene	20.0	20.8	104	3	30	69-112	
Bromoform	20.0	22.1	111	3	30	73-123	
Isopropylbenzene	20.0	27.1	119	1	30	80-125	
1,1,2,2-Tetrachloroethane	20.0	24.4	122	5	30	74-126	
1,3-Dichlorobenzene	20.0	20.7	103	1	30	81-126	
1,4-Dichlorobenzene	20.0	20.9	104	1	30	83-123	
1,2,4-Trichlorobenzene	20.0	23.4	117	2	30	66-120	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d17003.d

Lab ID: 460-10889-21 MSD Client ID: GW-017338-030310-RAM-021 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	1000	852	85	8	30	74-128	
Dichlorodifluoromethane	1000	488	49	14	30	46-145	
Chloromethane	1000	948	95	0	30	58-146	
Vinyl chloride	1000	623	62	6	30	61-144	
Bromomethane	1000	1040	104	1	30	55-153	
1,2-Dibromo-3-Chloropropane	1000	897	90	9	30	70-116	
1,2-Dichlorobenzene	1000	895	89	8	30	82-122	
Trichlorofluoromethane	1000	837	84	13	30	69-147	
1,1-Dichloroethene	1000	915	92	1	30	56-139	
1,2-Dichloropropane	1000	874	87	6	30	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	1000	791	79	5	30	47-139	
Acetone	1000	1100	110	11	30	45-156	
Carbon disulfide	1000	782	78	4	30	58-139	
Methyl acetate	1000	752	75	7	30	50-151	
Methylene Chloride	1000	854	85	1	30	79-119	
trans-1,2-Dichloroethene	1000	816	82	5	30	75-122	
Chlorodibromomethane	1000	899	90	5	30	80-120	
Methyl tert-butyl ether	1000	712	70	4	30	71-115	F
Chloroethane	1000	459	46	6	30	69-145	F
1,1-Dichloroethane	1000	858	86	4	30	78-122	
cis-1,2-Dichloroethene	1000	891	89	5	30	80-120	
2-Butanone (MEK)	1000	730	73	2	30	65-114	
Chloroform	1000	864	86	8	30	82-123	
Ethylbenzene	1000	1570	95	8	30	79-126	
Cyclohexane	1000	762	76	5	30	58-133	
Carbon tetrachloride	1000	880	88	6	30	73-120	
Benzene	1000	892	88	8	30	83-124	
1,2-Dichloroethane	1000	810	81	8	30	74-118	
Trichloroethene	1000	854	85	6	30	78-119	
Methylcyclohexane	1000	791	73	4	30	61-129	
Dichlorobromomethane	1000	883	88	4	30	79-119	
cis-1,3-Dichloropropene	1000	901	90	7	30	80-120	
4-Methyl-2-pentanone (MIBK)	1000	691	69	5	30	53-120	
Toluene	1000	5810	85	6	30	80-120	4
trans-1,3-Dichloropropene	1000	926	93	5	30	78-118	
1,1,2-Trichloroethane	1000	984	98	6	30	79-119	
Tetrachloroethene	1000	926	93	5	30	68-139	
2-Hexanone	1000	599	60	3	30	53-121	
1,2-Dibromoethane	1000	882	88	8	30	78-118	
Chlorobenzene	1000	889	89	6	30	81-121	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d17003.d

Lab ID: 460-10889-21 MSD Client ID: GW-017338-030310-RAM-021 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Styrene	1000	927	93	7	30	69-112	
Bromoform	1000	915	91	5	30	73-123	
Isopropylbenzene	1000	1000	100	6	30	80-125	
1,1,2,2-Tetrachloroethane	1000	934	93	5	30	74-126	
1,3-Dichlorobenzene	1000	921	92	8	30	81-126	
1,4-Dichlorobenzene	1000	908	91	8	30	83-123	
1,2,4-Trichlorobenzene	1000	1000	100	4	30	66-120	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: d16907.d Lab Sample ID: MB 460-31311/4

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS4 Date Analyzed: 03/05/2010 08:33

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-31311/3	d16905.d	03/05/2010 07:44
TRIP BLANK-017338-030310-ACH-001	460-10889-22	d16908.d	03/05/2010 09:08
GW-017338-030110-ACH-001	460-10889-1	d16909.d	03/05/2010 09:32
GW-017338-030110-ACH-002	460-10889-2	d16910.d	03/05/2010 09:56
GW-017338-030110-ACH-003	460-10889-3	d16911.d	03/05/2010 10:20
GW-017338-030110-ACH-004	460-10889-4	d16912.d	03/05/2010 10:45
EB-017338-030210-ACH-006	460-10889-6	d16913.d	03/05/2010 11:09
GW-017338-030210-ACH-008	460-10889-8	d16914.d	03/05/2010 11:34
GW-017338-030110-ACH-003 MS	460-10889-3 MS	d16915.d	03/05/2010 11:58
GW-017338-030110-ACH-003 MSD	460-10889-3 MSD	d16916.d	03/05/2010 12:22
GW-017338-030210-RAM-005	460-10889-5	d16918.d	03/05/2010 13:11
GW-017338-030210-RAM-007	460-10889-7	d16919.d	03/05/2010 13:35
GW-017338-030210-RAM-011	460-10889-11	d16920.d	03/05/2010 13:59
GW-017338-030310-ACH-014	460-10889-14	d16921.d	03/05/2010 14:24
GW-017338-030210-RAM-009	460-10889-9	d16922.d	03/05/2010 14:48
GW-017338-030310-RAM-015	460-10889-15	d16923.d	03/05/2010 15:12
GW-017338-030310-ACH-016	460-10889-16	d16924.d	03/05/2010 15:37
GW-017338-030210-ACH-012 DL	460-10889-12 DL	d16926.d	03/05/2010 16:25
GW-017338-030210-ACH-010	460-10889-10	d16928.d	03/05/2010 17:14
GW-017338-030210-ACH-013 DL	460-10889-13 DL	d16929.d	03/05/2010 17:38
GW-017338-030210-ACH-012	460-10889-12	d16930.d	03/05/2010 18:02

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: d17000.d Lab Sample ID: MB 460-31440/3

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS4 Date Analyzed: 03/08/2010 09:32

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-31440/2	d16998.d	03/08/2010 08:44
GW-017338-030310-RAM-021	460-10889-21	d17001.d	03/08/2010 10:08
GW-017338-030310-RAM-021 MS	460-10889-21 MS	d17002.d	03/08/2010 10:33
GW-017338-030310-RAM-021 MSD	460-10889-21 MSD	d17003.d	03/08/2010 10:57
GW-017338-030310-ACH-018	460-10889-18	d17005.d	03/08/2010 11:45
GW-017338-030310-ACH-016 DL	460-10889-16 DL	d17006.d	03/08/2010 12:09
GW-017338-030310-RAM-019 DL	460-10889-19 DL	d17007.d	03/08/2010 12:33
GW-017338-030310-RAM-019	460-10889-19	d17008.d	03/08/2010 13:02
GW-017338-030310-ACH-020	460-10889-20	d17011.d	03/08/2010 14:14
GW-017338-030310-ACH-020 DL	460-10889-20 DL	d17013.d	03/08/2010 15:03
GW-017338-030310-RAM-021 DL	460-10889-21 DL	d17014.d	03/08/2010 15:27
GW-017338-030210-ACH-013	460-10889-13	d17016.d	03/08/2010 16:16
GW-017338-030310-RAM-017	460-10889-17	d17018.d	03/08/2010 17:05

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: d16200.d BFB Injection Date: 02/02/2010

Instrument ID: VOAMS4 BFB Injection Time: 08:08

Analysis Batch No.: 29643

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.1	
75	30.0 - 60.0 % of mass 95	51.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	84.4	
175	5.0 - 9.0 % of mass 174	5.9	(7.0)1
176	95.0 - 101.0 % of mass 174	81.7	(96.8)1
177	5.0 - 9.0 % of mass 176	5.7	(7.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-29643/2	d16201.d	02/02/2010	08:26
	IC 460-29643/3	d16203.d	02/02/2010	09:15
	IC 460-29643/4	d16205.d	02/02/2010	10:04
	IC 460-29643/5	d16206.d	02/02/2010	10:28
	IC 460-29643/6	d16207.d	02/02/2010	10:52
	IC 460-29643/7	d16208.d	02/02/2010	11:16

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: d16903.d BFB Injection Date: 03/05/2010

Instrument ID: VOAMS4 BFB Injection Time: 06:49

Analysis Batch No.: 31311

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.2	
75	30.0 - 60.0 % of mass 95	54.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.4	
173	Less than 2.0 % of mass 174	0.8	(0.8)1
174	50.0 - 120.00 % of mass 95	91.0	
175	5.0 - 9.0 % of mass 174	6.9	(7.5)1
176	95.0 - 101.0 % of mass 174	87.0	(95.7)1
177	5.0 - 9.0 % of mass 176	5.6	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-31311/2	d16904.d	03/05/2010	07:02
	LCS 460-31311/3	d16905.d	03/05/2010	07:44
	MB 460-31311/4	d16907.d	03/05/2010	08:33
TRIP BLANK-017338-030310-ACH-001	460-10889-22	d16908.d	03/05/2010	09:08
GW-017338-030110-ACH-001	460-10889-1	d16909.d	03/05/2010	09:32
GW-017338-030110-ACH-002	460-10889-2	d16910.d	03/05/2010	09:56
GW-017338-030110-ACH-003	460-10889-3	d16911.d	03/05/2010	10:20
GW-017338-030110-ACH-004	460-10889-4	d16912.d	03/05/2010	10:45
EB-017338-030210-ACH-006	460-10889-6	d16913.d	03/05/2010	11:09
GW-017338-030210-ACH-008	460-10889-8	d16914.d	03/05/2010	11:34
GW-017338-030110-ACH-003 MS	460-10889-3 MS	d16915.d	03/05/2010	11:58
GW-017338-030110-ACH-003 MSD	460-10889-3 MSD	d16916.d	03/05/2010	12:22
GW-017338-030210-RAM-005	460-10889-5	d16918.d	03/05/2010	13:11
GW-017338-030210-RAM-007	460-10889-7	d16919.d	03/05/2010	13:35
GW-017338-030210-RAM-011	460-10889-11	d16920.d	03/05/2010	13:59
GW-017338-030310-ACH-014	460-10889-14	d16921.d	03/05/2010	14:24
GW-017338-030210-RAM-009	460-10889-9	d16922.d	03/05/2010	14:48

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: d16903.d BFB Injection Date: 03/05/2010

Instrument ID: VOAMS4 BFB Injection Time: 06:49

Analysis Batch No.: 31311

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.2	
75	30.0 - 60.0 % of mass 95	54.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.4	
173	Less than 2.0 % of mass 174	0.8	(0.8)1
174	50.0 - 120.00 % of mass 95	91.0	
175	5.0 - 9.0 % of mass 174	6.9	(7.5)1
176	95.0 - 101.0 % of mass 174	87.0	(95.7)1
177	5.0 - 9.0 % of mass 176	5.6	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
GW-017338-030310-RAM-015	460-10889-15	d16923.d	03/05/2010	15:12
GW-017338-030310-ACH-016	460-10889-16	d16924.d	03/05/2010	15:37
GW-017338-030210-ACH-012 DL	460-10889-12 DL	d16926.d	03/05/2010	16:25
GW-017338-030210-ACH-010	460-10889-10	d16928.d	03/05/2010	17:14
GW-017338-030210-ACH-013 DL	460-10889-13 DL	d16929.d	03/05/2010	17:38
GW-017338-030210-ACH-012	460-10889-12	d16930.d	03/05/2010	18:02
	CCV 460-31311/17	d16932.d	03/05/2010	18:51

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: d16995.d BFB Injection Date: 03/08/2010

Instrument ID: VOAMS4 BFB Injection Time: 06:49

Analysis Batch No.: 31440

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.7	
75	30.0 - 60.0 % of mass 95	54.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.7	(0.8)1
174	50.0 - 120.00 % of mass 95	87.0	
175	5.0 - 9.0 % of mass 174	7.1	(8.2)1
176	95.0 - 101.0 % of mass 174	83.0	(95.5)1
177	5.0 - 9.0 % of mass 176	5.2	(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-31440/1	d16997.d	03/08/2010	08:03
	LCS 460-31440/2	d16998.d	03/08/2010	08:44
	MB 460-31440/3	d17000.d	03/08/2010	09:32
GW-017338-030310-RAM-021	460-10889-21	d17001.d	03/08/2010	10:08
GW-017338-030310-RAM-021 MS	460-10889-21 MS	d17002.d	03/08/2010	10:33
GW-017338-030310-RAM-021 MSD	460-10889-21 MSD	d17003.d	03/08/2010	10:57
GW-017338-030310-ACH-018	460-10889-18	d17005.d	03/08/2010	11:45
GW-017338-030310-ACH-016 DL	460-10889-16 DL	d17006.d	03/08/2010	12:09
GW-017338-030310-RAM-019 DL	460-10889-19 DL	d17007.d	03/08/2010	12:33
GW-017338-030310-RAM-019	460-10889-19	d17008.d	03/08/2010	13:02
GW-017338-030310-ACH-020	460-10889-20	d17011.d	03/08/2010	14:14
GW-017338-030310-ACH-020 DL	460-10889-20 DL	d17013.d	03/08/2010	15:03
GW-017338-030310-RAM-021 DL	460-10889-21 DL	d17014.d	03/08/2010	15:27
GW-017338-030210-ACH-013	460-10889-13	d17016.d	03/08/2010	16:16
GW-017338-030310-RAM-017	460-10889-17	d17018.d	03/08/2010	17:05
	CCV 460-31440/17	d17020.d	03/08/2010	17:53

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Sample No.: CCVIS 460-31311/2 Date Analyzed: 03/05/2010 07:02

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): d16904.d Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		483359	4.78	356446	8.14	208745	10.08
UPPER LIMIT		966718	5.28	712892	8.64	417490	10.58
LOWER LIMIT		241680	4.28	178223	7.64	104373	9.58
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-31311/3		502090	4.78	369963	8.14	218391	10.08
MB 460-31311/4		475466	4.78	337963	8.15	187286	10.08
460-10889-22	TRIP BLANK-017338-030310-ACH-001	457577	4.78	322958	8.14	182028	10.08
460-10889-1	GW-017338-030110-ACH-001	448666	4.78	317400	8.14	177224	10.08
460-10889-2	GW-017338-030110-ACH-002	431380	4.79	306789	8.15	171701	10.08
460-10889-3	GW-017338-030110-ACH-003	474569	4.78	343087	8.15	194554	10.08
460-10889-4	GW-017338-030110-ACH-004	452224	4.78	325069	8.14	183560	10.08
460-10889-6	EB-017338-030210-ACH-006	451154	4.78	317924	8.15	178357	10.08
460-10889-8	GW-017338-030210-ACH-008	427621	4.78	308694	8.15	174865	10.08
460-10889-3 MS	GW-017338-030110-ACH-003 MS	481520	4.78	366490	8.14	206159	10.08
460-10889-3 MSD	GW-017338-030110-ACH-003 MSD	506227	4.79	372102	8.15	209598	10.08
460-10889-5	GW-017338-030210-RAM-005	462986	4.79	318844	8.15	181613	10.08
460-10889-7	GW-017338-030210-RAM-007	462138	4.79	317195	8.15	180069	10.08
460-10889-11	GW-017338-030210-RAM-011	445596	4.79	308380	8.15	176432	10.08
460-10889-14	GW-017338-030310-ACH-014	449084	4.79	311808	8.15	174987	10.08
460-10889-9	GW-017338-030210-RAM-009	472444	4.78	345364	8.15	190248	10.08
460-10889-15	GW-017338-030310-RAM-015	459917	4.78	318866	8.15	176541	10.08
460-10889-16	GW-017338-030310-ACH-016	464862	4.78	377793	8.15	182368	10.08
460-10889-12 DL	GW-017338-030210-ACH-012 DL	448805	4.79	320907	8.15	180986	10.08
460-10889-10	GW-017338-030210-ACH-010	421797	4.78	299611	8.14	167756	10.08
460-10889-13 DL	GW-017338-030210-ACH-013 DL	443968	4.78	322055	8.14	192476	10.08

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Sample No.: CCVIS 460-31311/2 Date Analyzed: 03/05/2010 07:02

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): d16904.d Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		483359	4.78	356446	8.14	208745	10.08
UPPER LIMIT		966718	5.28	712892	8.64	417490	10.58
LOWER LIMIT		241680	4.28	178223	7.64	104373	9.58
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-10889-12	GW-017338-030210-ACH-012	539027	4.78	390700	8.14	210518	10.08

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Sample No.: CCVIS 460-31440/1 Date Analyzed: 03/08/2010 08:03

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): d16997.d Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		474234	4.78	351189	8.14	200816	10.08
UPPER LIMIT		948468	5.28	702378	8.64	401632	10.58
LOWER LIMIT		237117	4.28	175595	7.64	100408	9.58
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-31440/2		458298	4.78	342098	8.14	198053	10.08
MB 460-31440/3		403798	4.78	285779	8.15	159159	10.08
460-10889-21	GW-017338-030310-RAM-021	506986	4.79	415679	8.15	226891	10.08
460-10889-21 MS	GW-017338-030310-RAM-021 MS	586747	4.78	423851	8.15	234452	10.08
460-10889-21 MSD	GW-017338-030310-RAM-021 MSD	589860	4.78	428728	8.15	240873	10.08
460-10889-18	GW-017338-030310-ACH-018	529919	4.79	377662	8.15	208085	10.08
460-10889-16 DL	GW-017338-030310-ACH-016 DL	483626	4.78	351788	8.15	190445	10.08
460-10889-19 DL	GW-017338-030310-RAM-019 DL	501672	4.79	357788	8.15	199799	10.08
460-10889-19	GW-017338-030310-RAM-019	499395	4.79	350476	8.15	186544	10.08
460-10889-20	GW-017338-030310-ACH-020	528049	4.79	408306	8.15	219550	10.09
460-10889-20 DL	GW-017338-030310-ACH-020 DL	466300	4.79	341458	8.15	185083	10.09
460-10889-21 DL	GW-017338-030310-RAM-021 DL	428850	4.79	317429	8.15	177240	10.08
460-10889-13	GW-017338-030210-ACH-013	465570	4.79	351518	8.15	199085	10.09
460-10889-17	GW-017338-030310-RAM-017	444276	4.79	330088	8.15	184058	10.09

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-001 Lab Sample ID: 460-10889-1

Matrix: GW Lab File ID: d16909.d

Analysis Method: 8260B Date Collected: 03/01/2010 12:10

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 09:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-001 Lab Sample ID: 460-10889-1

Matrix: GW Lab File ID: d16909.d

Analysis Method: 8260B Date Collected: 03/01/2010 12:10

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 09:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	0.41	J	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91	70-122	
460-00-4	4-Bromofluorobenzene	94	69-135	
2037-26-5	Toluene-d8 (Surr)	94	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-001 Lab Sample ID: 460-10889-1

Matrix: GW Lab File ID: d16909.d

Analysis Method: 8260B Date Collected: 03/01/2010 12:10

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 09:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16909.d
Report Date: 05-Mar-2010 10:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16909.d
Lab Smp Id: 460-10889-A-1 Client Smp ID: GW-017338-030110-AC
Inj Date : 05-MAR-2010 09:32
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-A-1
Misc Info : 460-10889-A-1
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.505	4.505	(0.942)	20796	45.3709	45
* 52 Fluorobenzene	96	4.782	4.776	(1.000)	448666	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.523	6.517	(0.801)	400416	47.2230	47
71 Tetrachloroethene	166	7.017	7.017	(0.862)	1176	0.41198	0.41(a)
* 78 Chlorobenzene-d5	117	8.140	8.140	(1.000)	317400	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.211	9.205	(0.914)	137949	46.8945	47
* 108 1,4-Dichlorobenzene-d4	152	10.081	10.082	(1.000)	177224	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16909.d
Report Date: 05-Mar-2010 10:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16909.d
Lab Smp Id: 460-10889-A-1 Client Smp ID: GW-017338-030110-AC
Inj Date : 05-MAR-2010 09:32
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-A-1
Misc Info : 460-10889-A-1
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

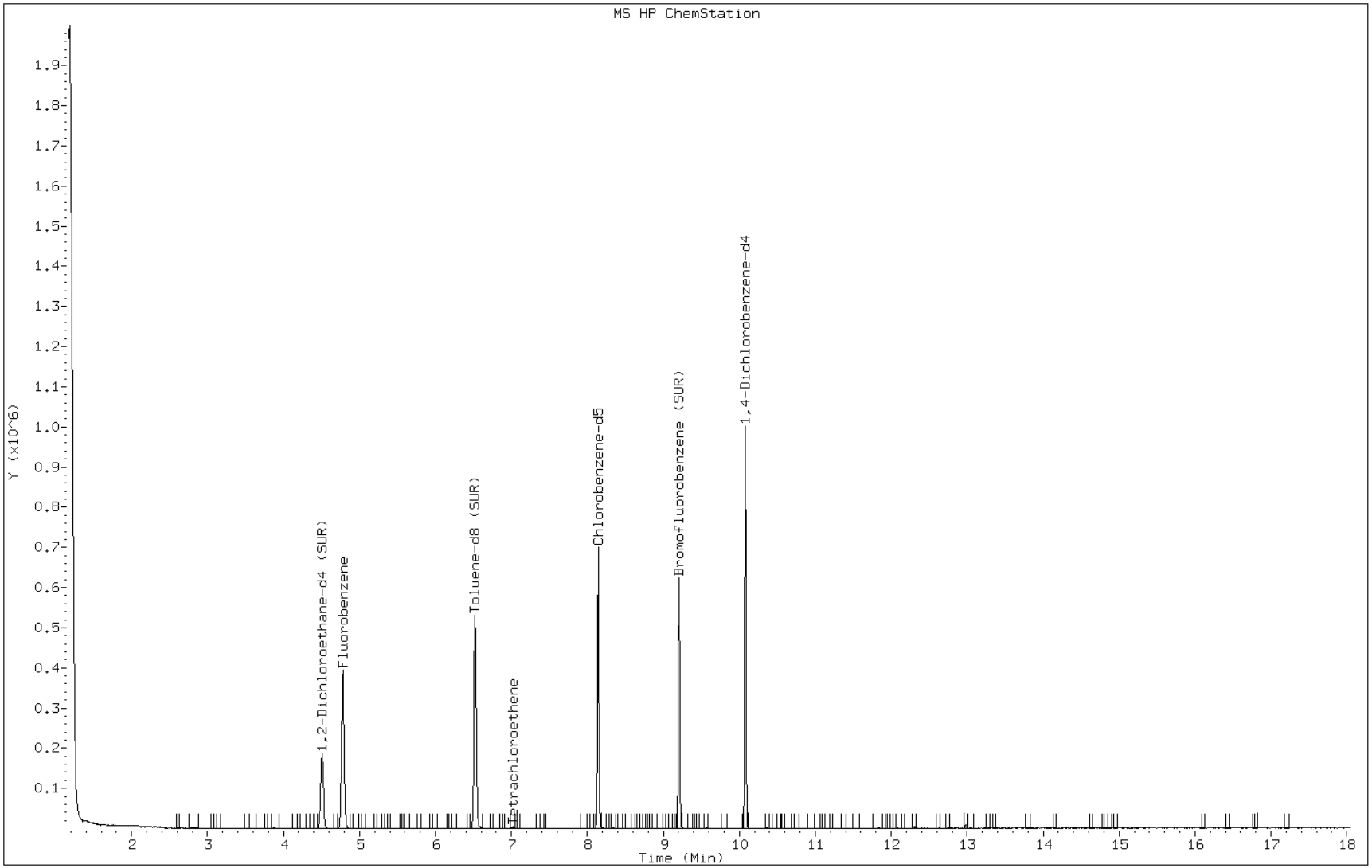
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d16909.d

Date: 05-MAR-2010 09:32

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-1 Operator:



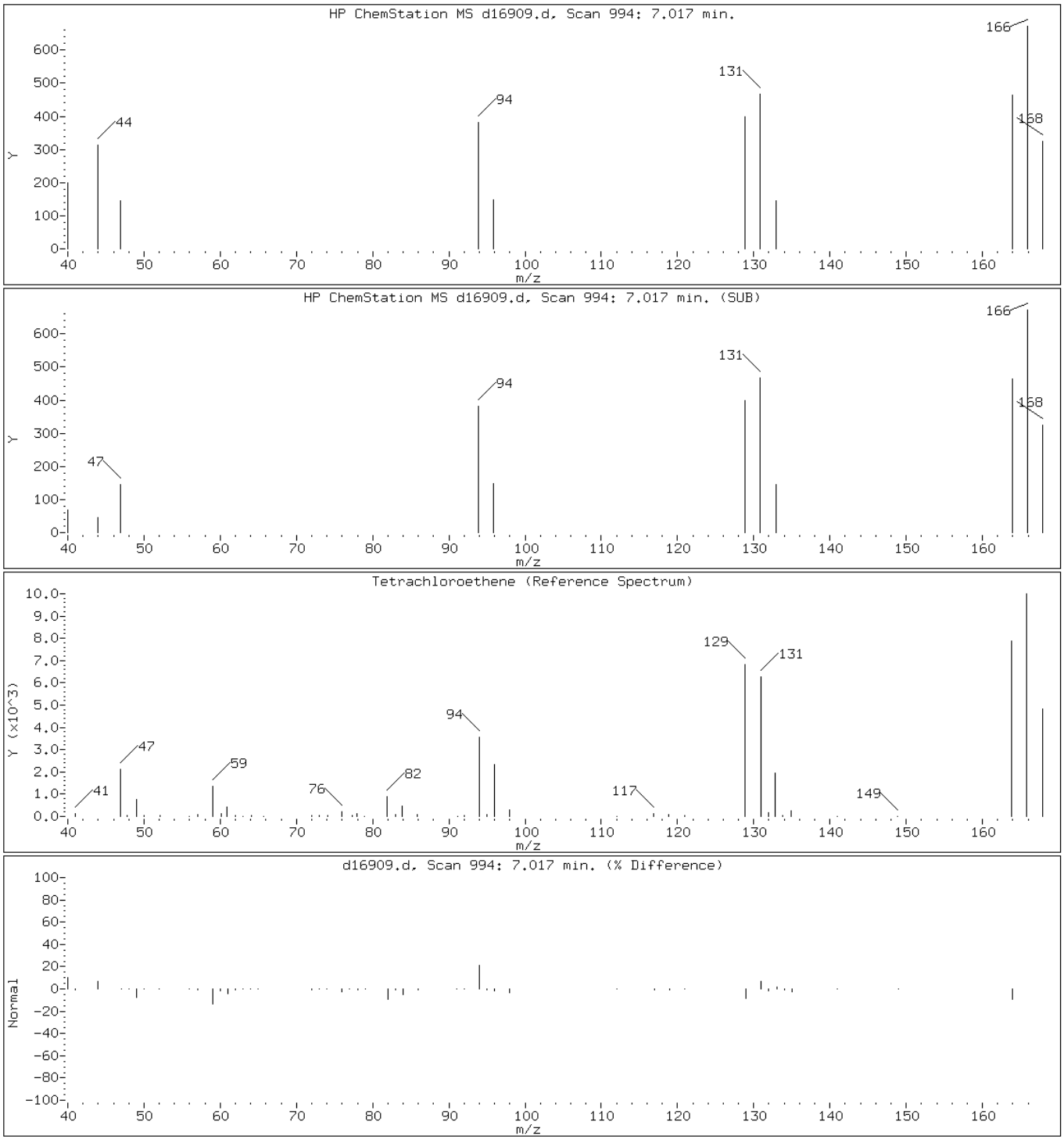
Data File: d16909.d

Date: 05-MAR-2010 09:32

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-1 Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-002 Lab Sample ID: 460-10889-2

Matrix: GW Lab File ID: d16910.d

Analysis Method: 8260B Date Collected: 03/01/2010 13:15

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 09:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.5		1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-002 | Lab Sample ID: 460-10889-2

Matrix: GW | Lab File ID: d16910.d

Analysis Method: 8260B | Date Collected: 03/01/2010 13:15

Sample wt/vol: 5(mL) | Date Analyzed: 03/05/2010 09:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 31311 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100	70-122	
460-00-4	4-Bromofluorobenzene	98	69-135	
2037-26-5	Toluene-d8 (Surr)	99	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-002 Lab Sample ID: 460-10889-2

Matrix: GW Lab File ID: d16910.d

Analysis Method: 8260B Date Collected: 03/01/2010 13:15

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 09:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16910.d
Report Date: 05-Mar-2010 10:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16910.d
Lab Smp Id: 460-10889-C-2 Client Smp ID: GW-017338-030110-AC
Inj Date : 05-MAR-2010 09:56
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-2
Misc Info : 460-10889-C-2
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
42 Chloroform	83	3.870	3.864	(0.808)	8602	1.51570	1.5
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.511	4.505	(0.942)	22050	50.0344	50
* 52 Fluorobenzene	96	4.788	4.776	(1.000)	431380	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.523	6.517	(0.801)	407463	49.7161	50
* 78 Chlorobenzene-d5	117	8.146	8.140	(1.000)	306789	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.205	9.205	(0.913)	139234	48.8538	49
* 108 1,4-Dichlorobenzene-d4	152	10.081	10.082	(1.000)	171701	50.0000	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16910.d
Report Date: 05-Mar-2010 10:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16910.d
Lab Smp Id: 460-10889-C-2 Client Smp ID: GW-017338-030110-AC
Inj Date : 05-MAR-2010 09:56
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-2
Misc Info : 460-10889-C-2
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

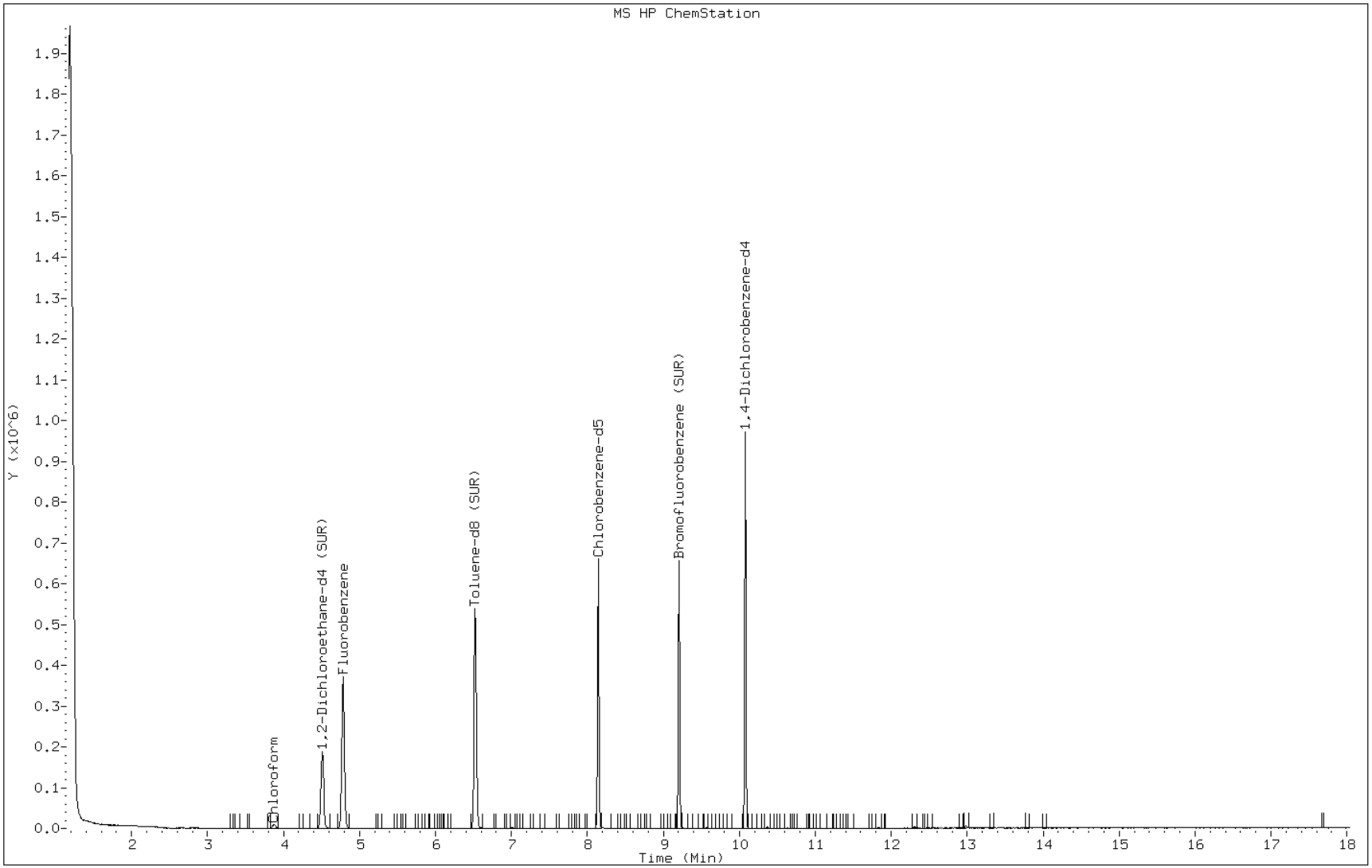
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d16910.d

Date: 05-MAR-2010 09:56

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-2 Operator:



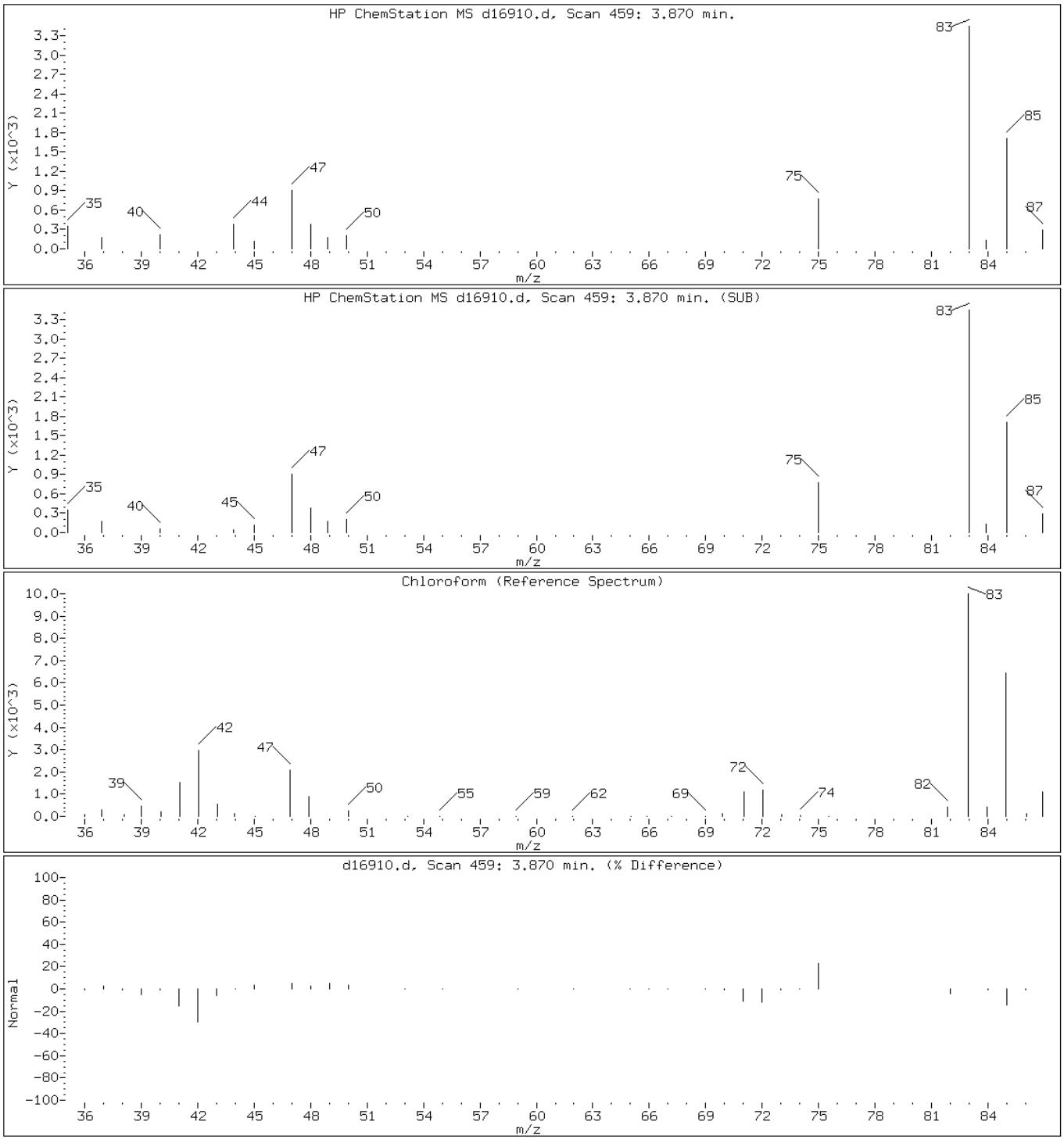
Data File: d16910.d

Date: 05-MAR-2010 09:56

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-2 Operator:

42 Chloroform



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-003 Lab Sample ID: 460-10889-3

Matrix: GW Lab File ID: d16911.d

Analysis Method: 8260B Date Collected: 03/01/2010 14:00

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 10:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	3.1		1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	0.31	J	1.0	0.25
110-82-7	Cyclohexane	2.3		1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	2.2		1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	10		1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	0.58	J	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-003 Lab Sample ID: 460-10889-3

Matrix: GW Lab File ID: d16911.d

Analysis Method: 8260B Date Collected: 03/01/2010 14:00

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 10:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.7		1.0	0.16
1330-20-7	Xylenes, Total	0.82	J	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	3.3		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90	70-122	
460-00-4	4-Bromofluorobenzene	94	69-135	
2037-26-5	Toluene-d8 (Surr)	96	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-003 Lab Sample ID: 460-10889-3

Matrix: GW Lab File ID: d16911.d

Analysis Method: 8260B Date Collected: 03/01/2010 14:00

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 10:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

Number TICs Found: 10 TIC Result Total: 789

CAS NO.	COMPOUND NAME	RT	RESULT	Q
496-11-7	Indane	10.22	140	T J N
	Diethylbenzene isomer	10.26	22	T J
	Ethyldimethylbenzene isomer	10.56	120	T J
	Unknown Aromatic	10.63	18	T J
	Tetramethylbenzene isomer	10.85	100	T J
	Unknown	10.89	23	T J
	Unknown Aromatic-1	11.04	16	T J
	2,3-dihydro-methyl-1H-Indene isomer	11.17	160	T J
	C11H16 Aromatic-1	11.49	10	T J
91-20-3	Naphthalene	11.70	180	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16911.d
Report Date: 05-Mar-2010 10:53

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16911.d
Lab Smp Id: 460-10889-C-3 Client Smp ID: GW-017338-030110-AC
Inj Date : 05-MAR-2010 10:20
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-3
Misc Info : 460-10889-C-3
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 MTBE	73	2.847	2.823	(0.595)	28828	3.05748	3.0
	32 DIPE	45	3.111	3.111	(0.651)	9146	0.76818	0.77(a)
	44 Cyclohexane	56	3.788	3.788	(0.792)	10693	2.27032	2.3
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.511	4.505	(0.943)	21829	45.0258	45
	48 Benzene	78	4.376	4.370	(0.537)	27692	2.22631	2.2
*	52 Fluorobenzene	96	4.782	4.776	(1.000)	474569	50.0000	
	56 Methyl cyclohexane	83	4.935	4.929	(1.032)	56719	10.4219	10
$	65 Toluene-d8 (SUR)	98	6.523	6.517	(0.801)	438523	47.8451	48
	66 Toluene	91	6.582	6.582	(0.808)	7214	0.58231	0.58(a)
*	78 Chlorobenzene-d5	117	8.146	8.140	(1.000)	343087	50.0000	
	79 Chlorobenzene	112	8.158	8.158	(1.001)	12882	1.69348	1.7
	81 Ethylbenzene	106	8.211	8.205	(1.008)	1236	0.30859	0.31(a)
	82 m+p-Xylene	106	8.346	8.346	(1.025)	2919	0.58184	0.58(a)
	84 o-Xylene	106	8.717	8.717	(1.070)	1189	0.24251	0.24(a)
	88 Isopropylbenzene	105	8.993	8.993	(1.104)	43676	3.25344	3.2
$	89 Bromofluorobenzene (SUR)	174	9.211	9.205	(0.914)	151522	46.9203	47

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16911.d
Report Date: 05-Mar-2010 10:53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
95	n-Propylbenzene	91	9.329	9.329	(0.925)	22421	1.41085	1.4
100	tert-Butylbenzene	119	9.734	9.734	(0.966)	1783	0.19774	0.20(a)
101	1,2,4-Trimethylbenzene	105	9.793	9.793	(0.971)	6292	0.52033	0.52(a)
103	sec-Butylbenzene	105	9.876	9.876	(0.980)	19630	1.34862	1.3
* 108	1,4-Dichlorobenzene-d4	152	10.081	10.082	(1.000)	194554	50.0000	
106	n-Butylbenzene	91	10.305	10.305	(1.022)	54558	2.75529	2.8
116	Naphthalene	128	11.705	11.705	(1.161)	1934677	177.856	180
M 121	Xylene (Total)	100				4109	0.82435	0.82(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16911.d
Report Date: 05-Mar-2010 10:53

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16911.d
Lab Smp Id: 460-10889-C-3 Client Smp ID: GW-017338-030110-AC
Inj Date : 05-MAR-2010 10:20
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-3
Misc Info : 460-10889-C-3
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 108 1,4-Dichlorobenzene-d4	10.081	1232217	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Indane				CAS #: 496-11-7			
10.217	3336959	135.404629	140	91	NIST02.l	8674	108
Diethylbenzene isomer				CAS #:			
10.264	534241	21.6780327	22	0		0	108
Ethyldimethylbenzene isomer				CAS #:			
10.558	3030612	122.973922	120	0		0	108

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16911.d
Report Date: 05-Mar-2010 10:53

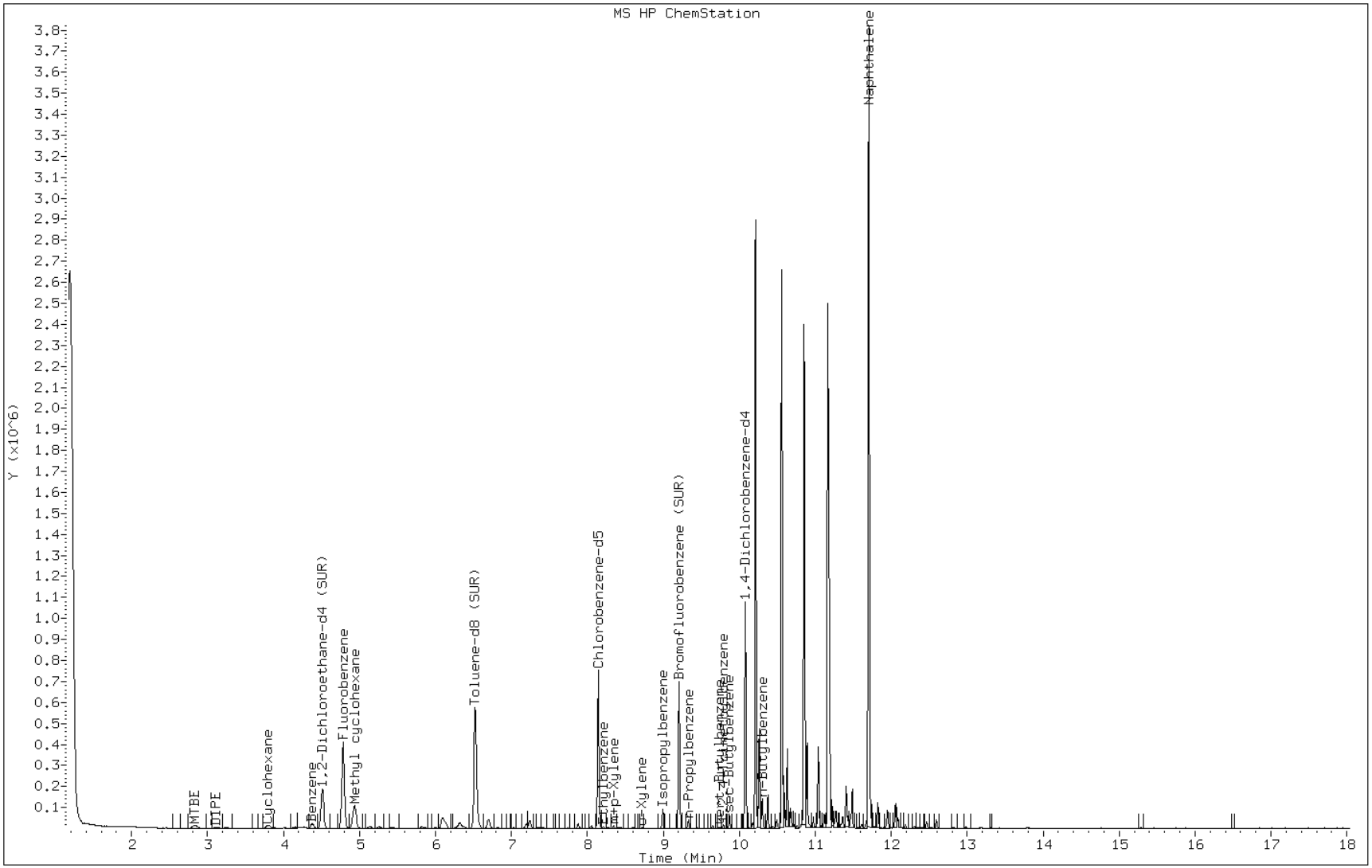
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Aromatic					CAS #:		
10.629	436096	17.6955785	18	0		0	108
Tetramethylbenzene isomer					CAS #:		
10.852	2479604	100.615546	100	0		0	108
Unknown					CAS #:		
10.893	577242	23.4228764	23	0		0	108
Unknown Aromatic-1					CAS #:		
11.040	403593	16.3766974	16	0		0	108
2,3-dihydro-methyl-1H-Indene isomer					CAS #:		
11.170	3824855	155.202139	160	0		0	108
C11H16 Aromatic					CAS #:		
11.405	251913	10.2219487	10	0		0	108
C11H16 Aromatic-1					CAS #:		
11.487	253143	10.2718440	10	0		0	108

Data File: d16911.d

Date: 05-MAR-2010 10:20

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-3 Operator:



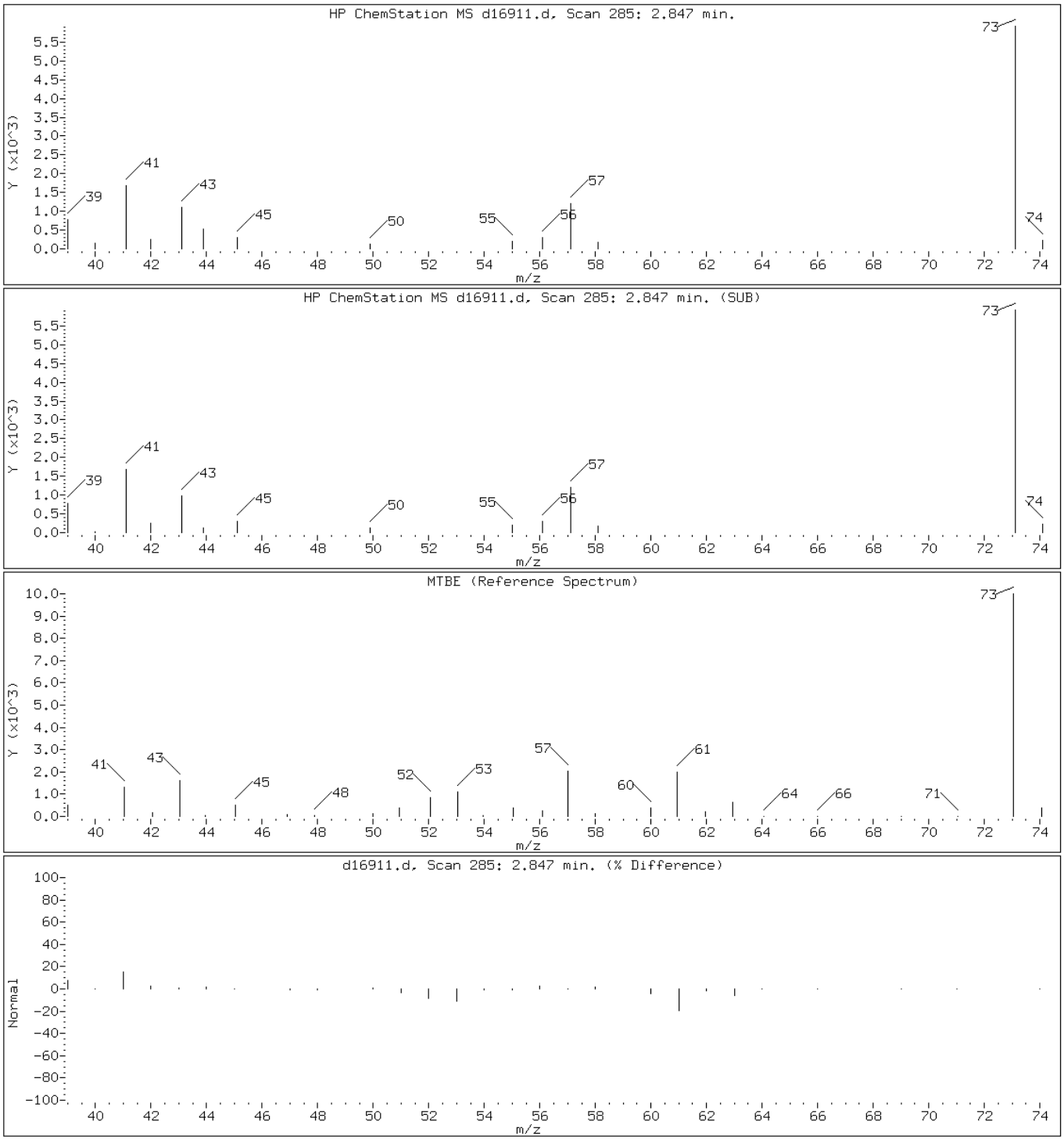
Data File: d16911.d

Date: 05-MAR-2010 10:20

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-3 Operator:

28 MTBE



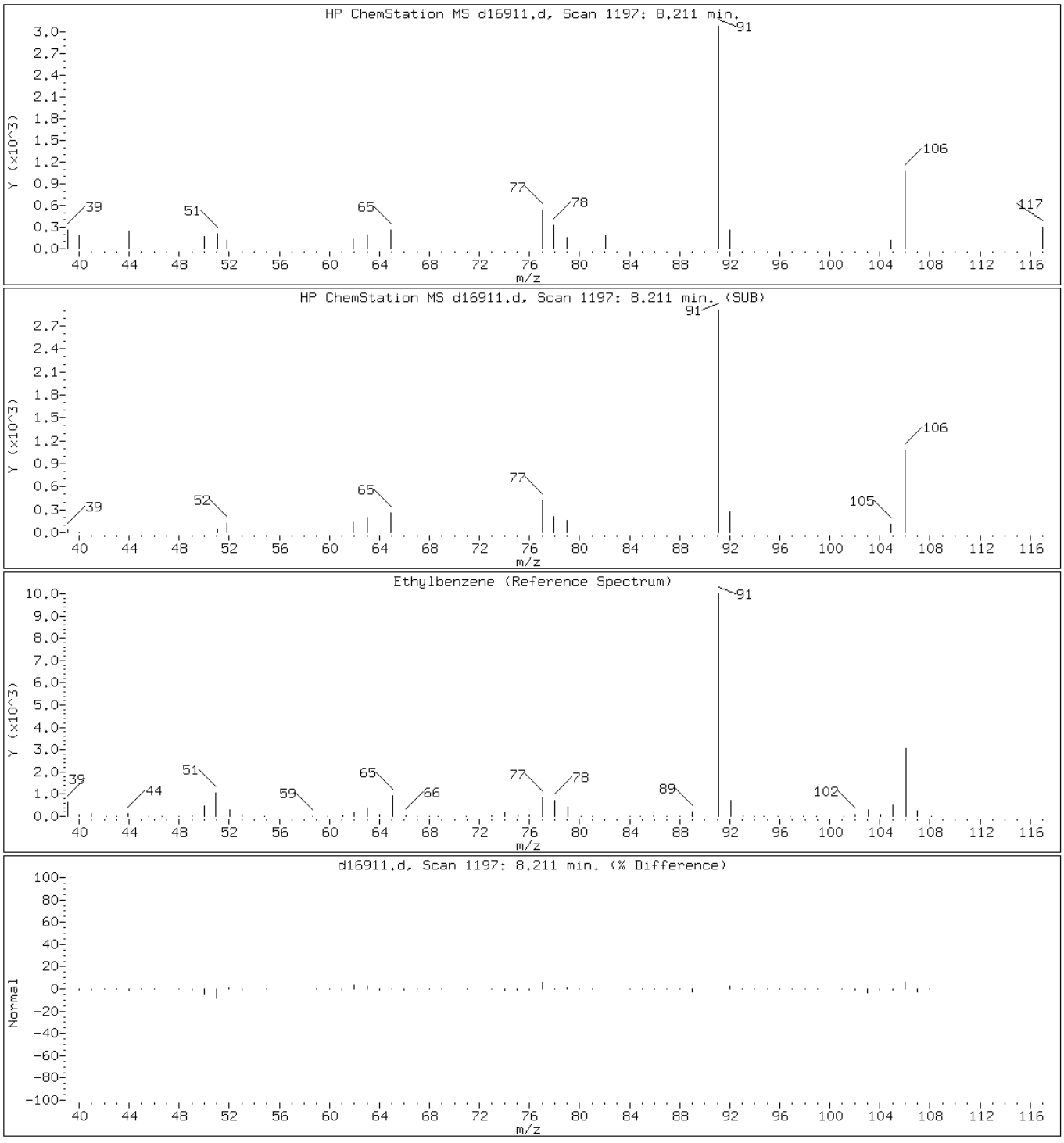
Data File: d16911.d

Date: 05-MAR-2010 10:20

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-3 Operator:

81 Ethylbenzene



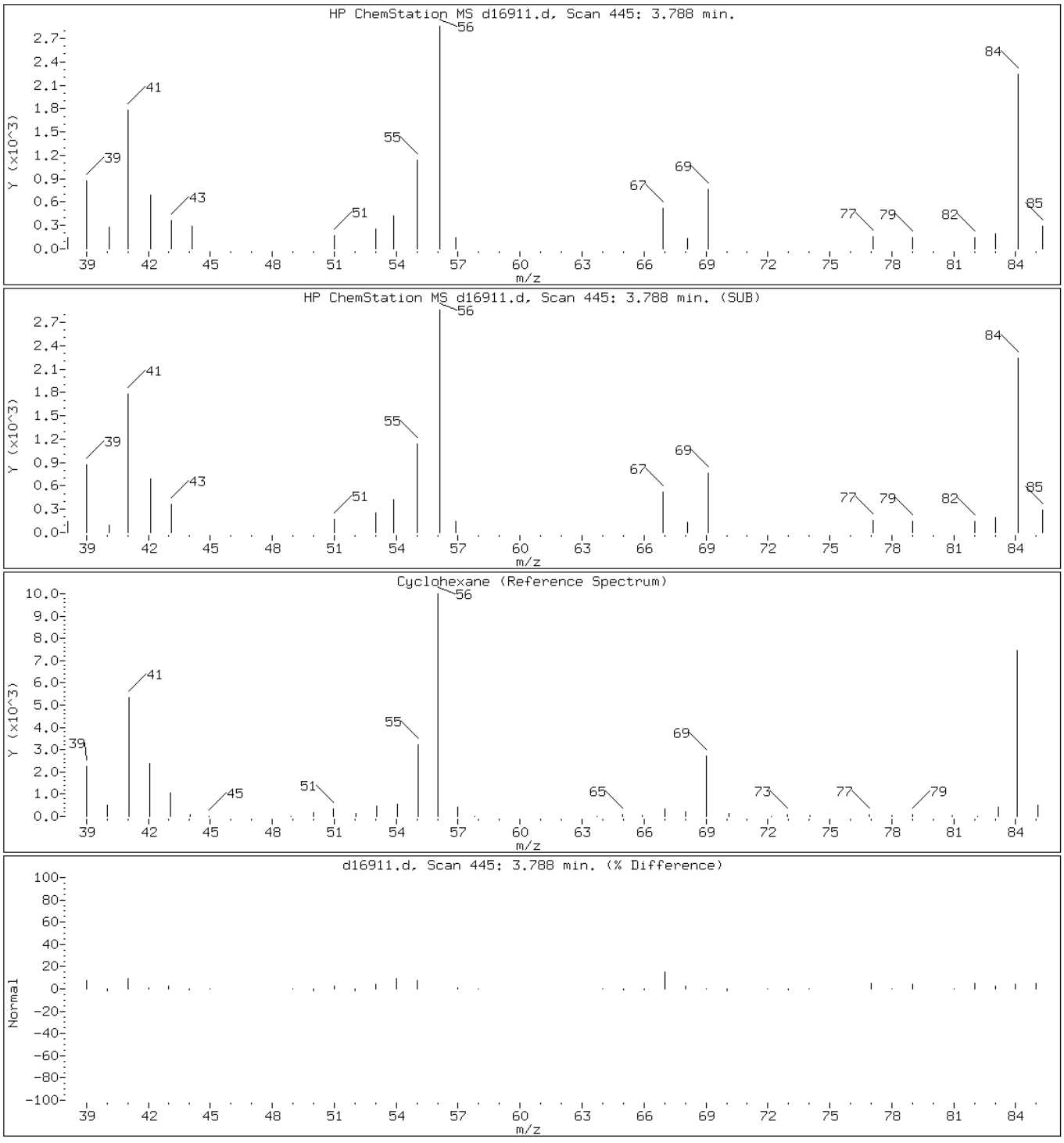
Data File: d16911.d

Date: 05-MAR-2010 10:20

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-3 Operator:

44 Cyclohexane



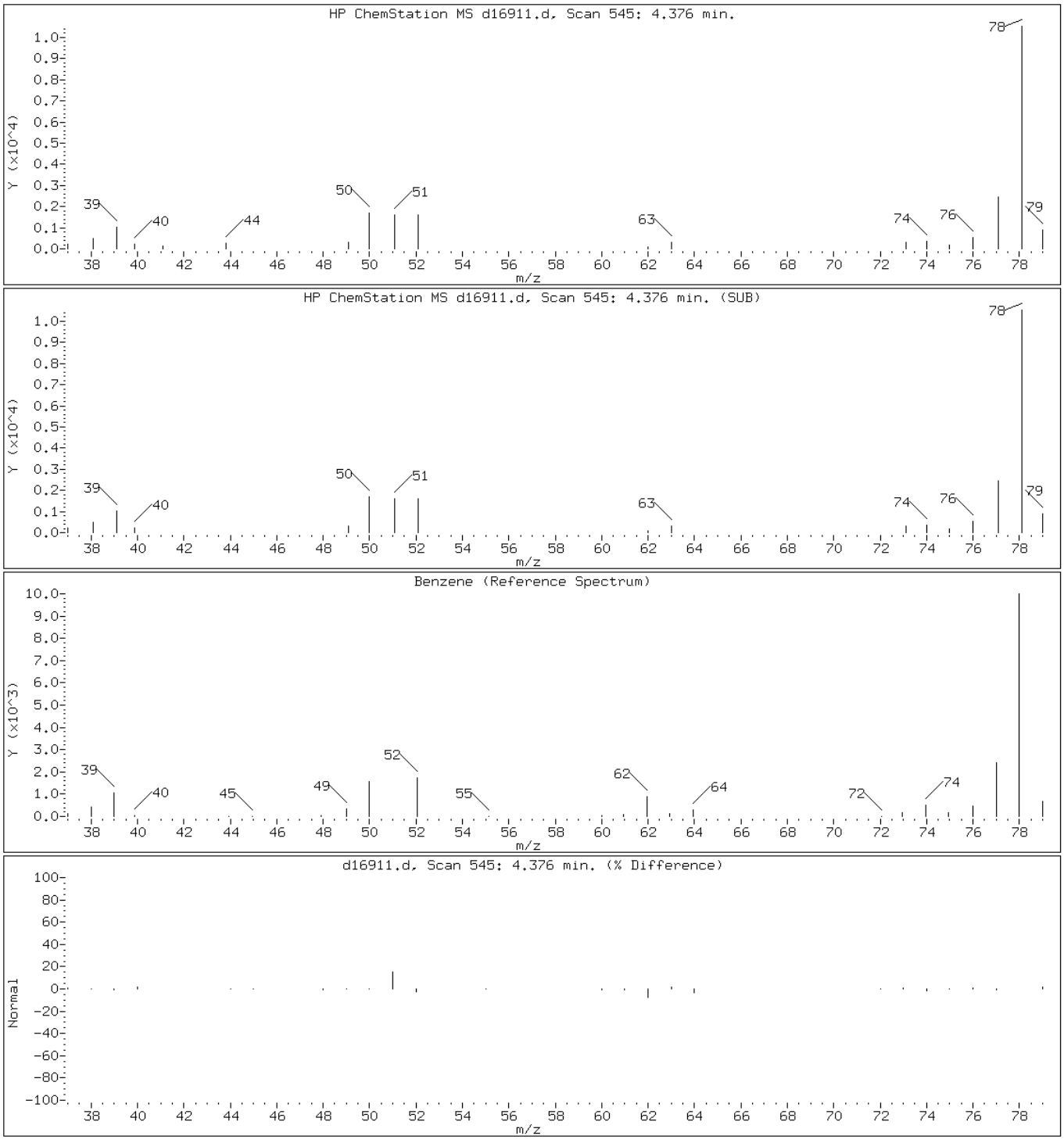
Data File: d16911.d

Date: 05-MAR-2010 10:20

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-3 Operator:

48 Benzene



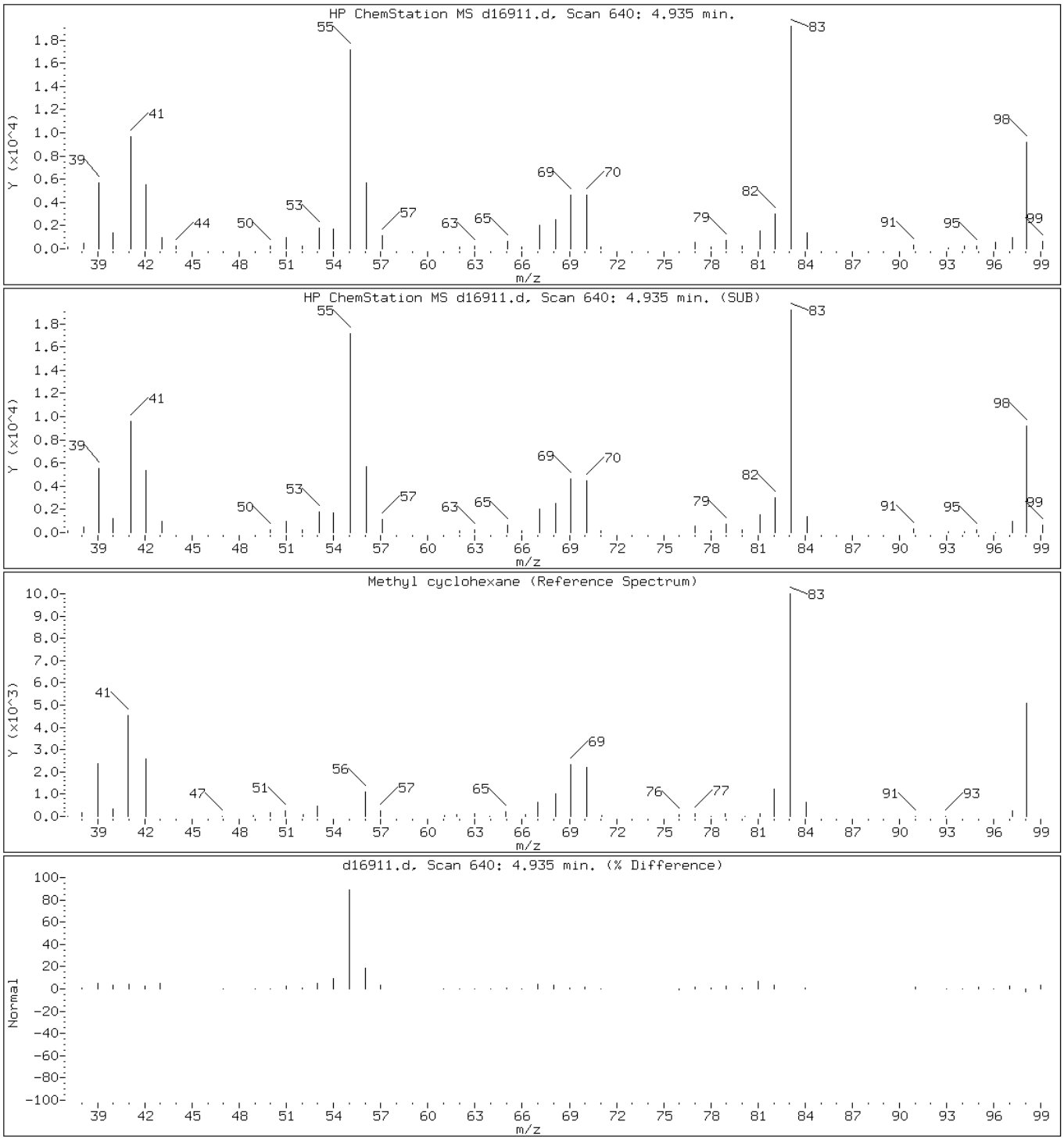
Data File: d16911.d

Date: 05-MAR-2010 10:20

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-3 Operator:

56 Methyl cyclohexane



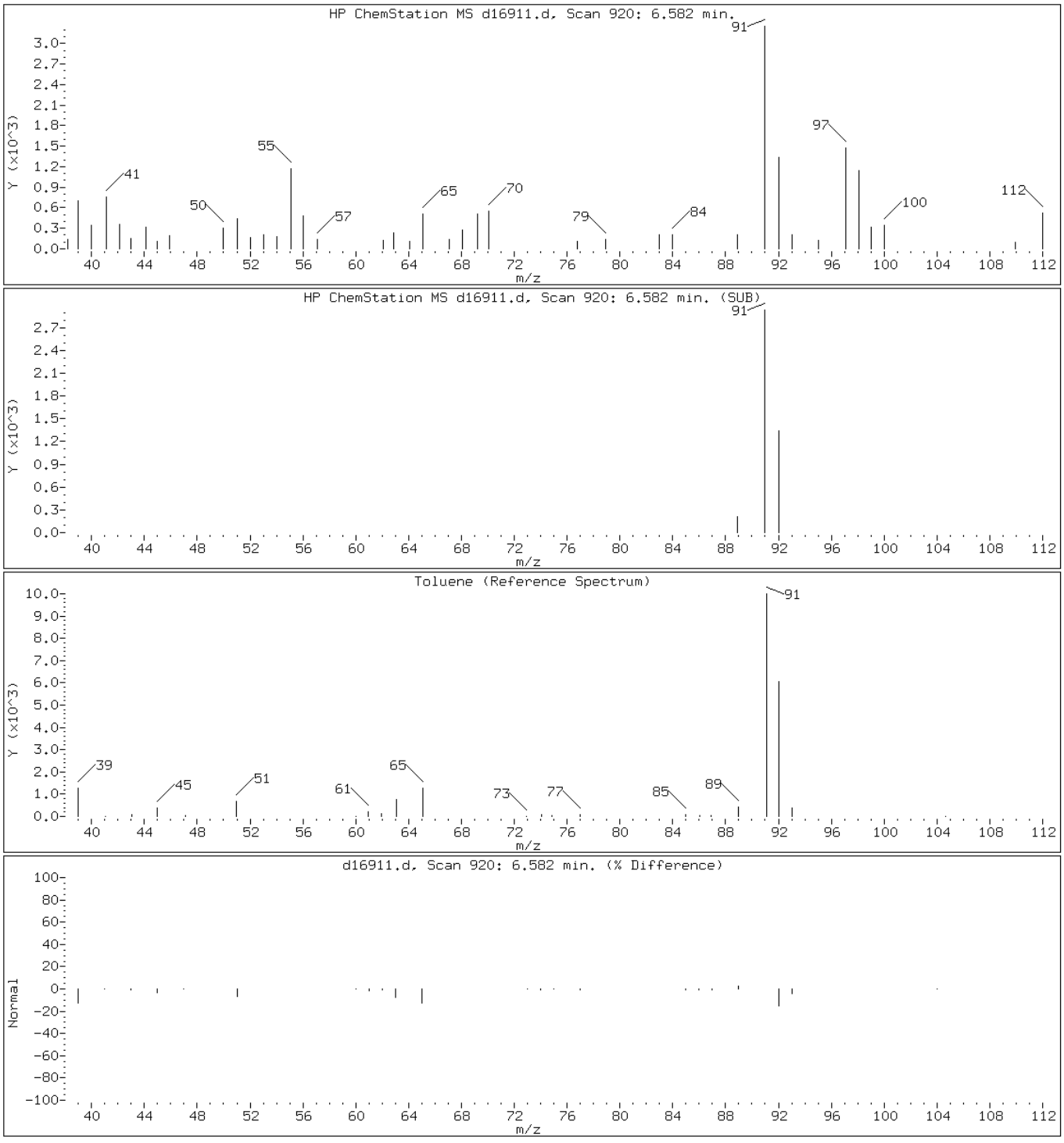
Data File: d16911.d

Date: 05-MAR-2010 10:20

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-3 Operator:

66 Toluene



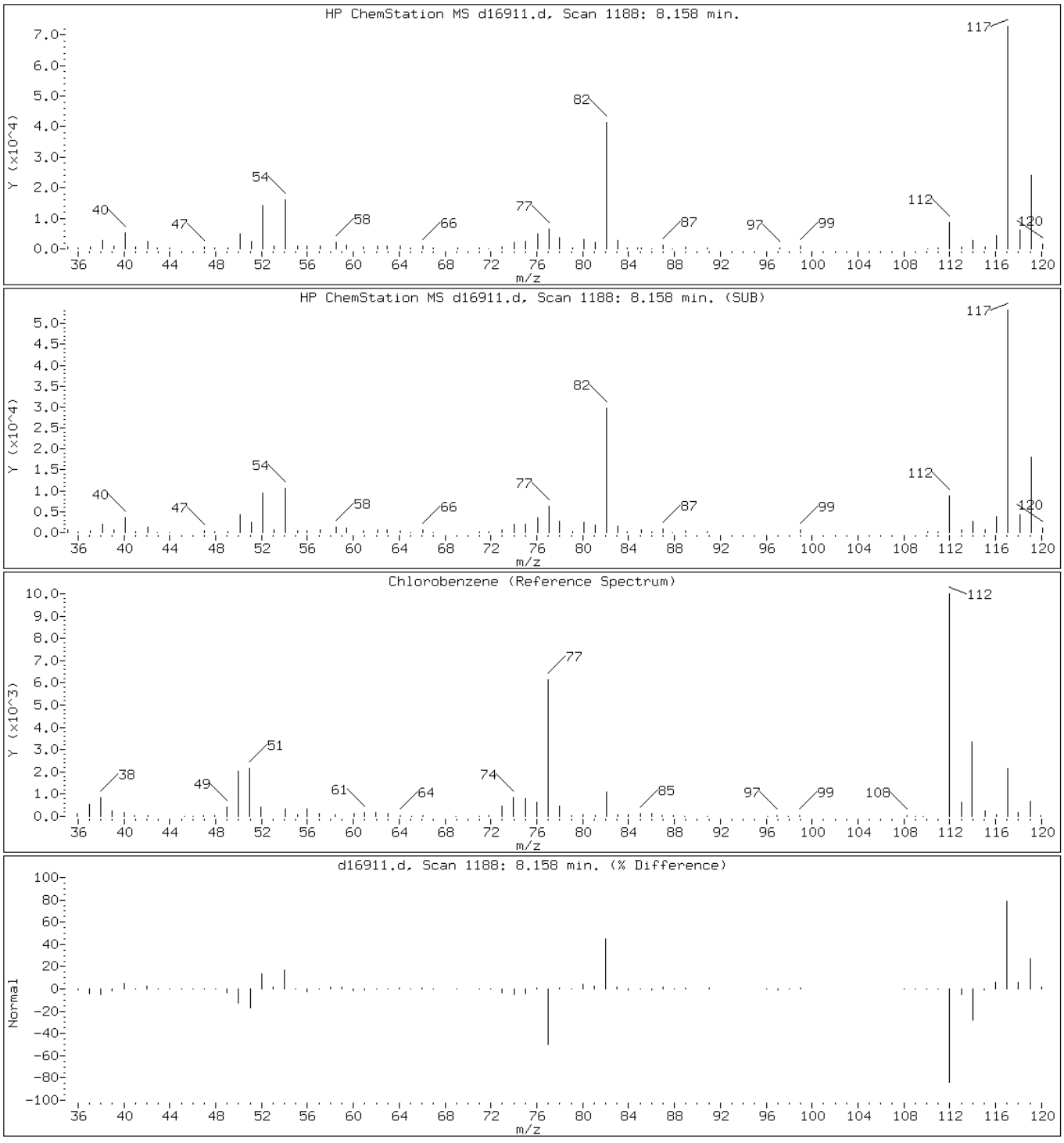
Data File: d16911.d

Date: 05-MAR-2010 10:20

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-3 Operator:

79 Chlorobenzene



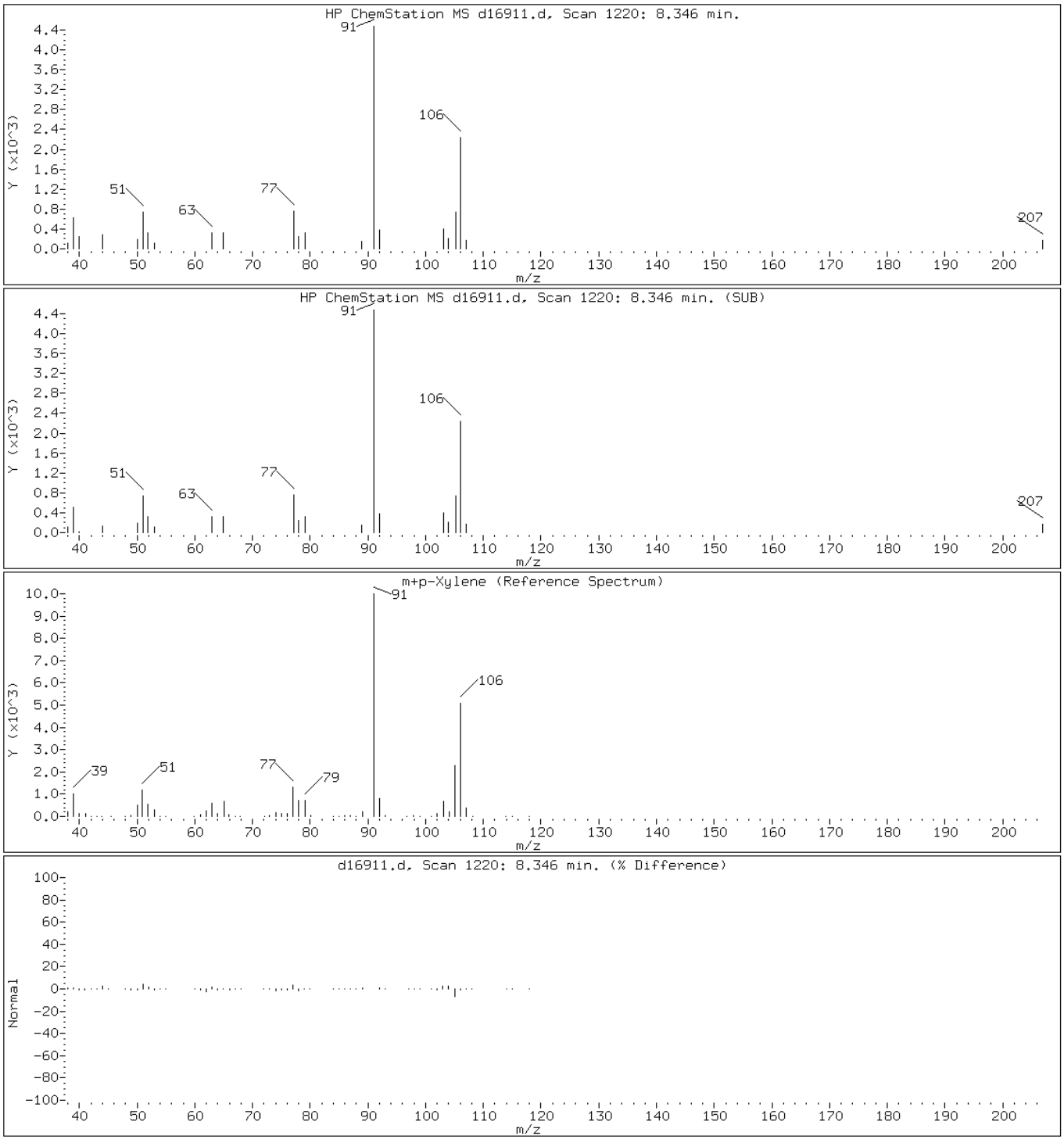
Data File: d16911.d

Date: 05-MAR-2010 10:20

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-3 Operator:

82 m+p-Xylene



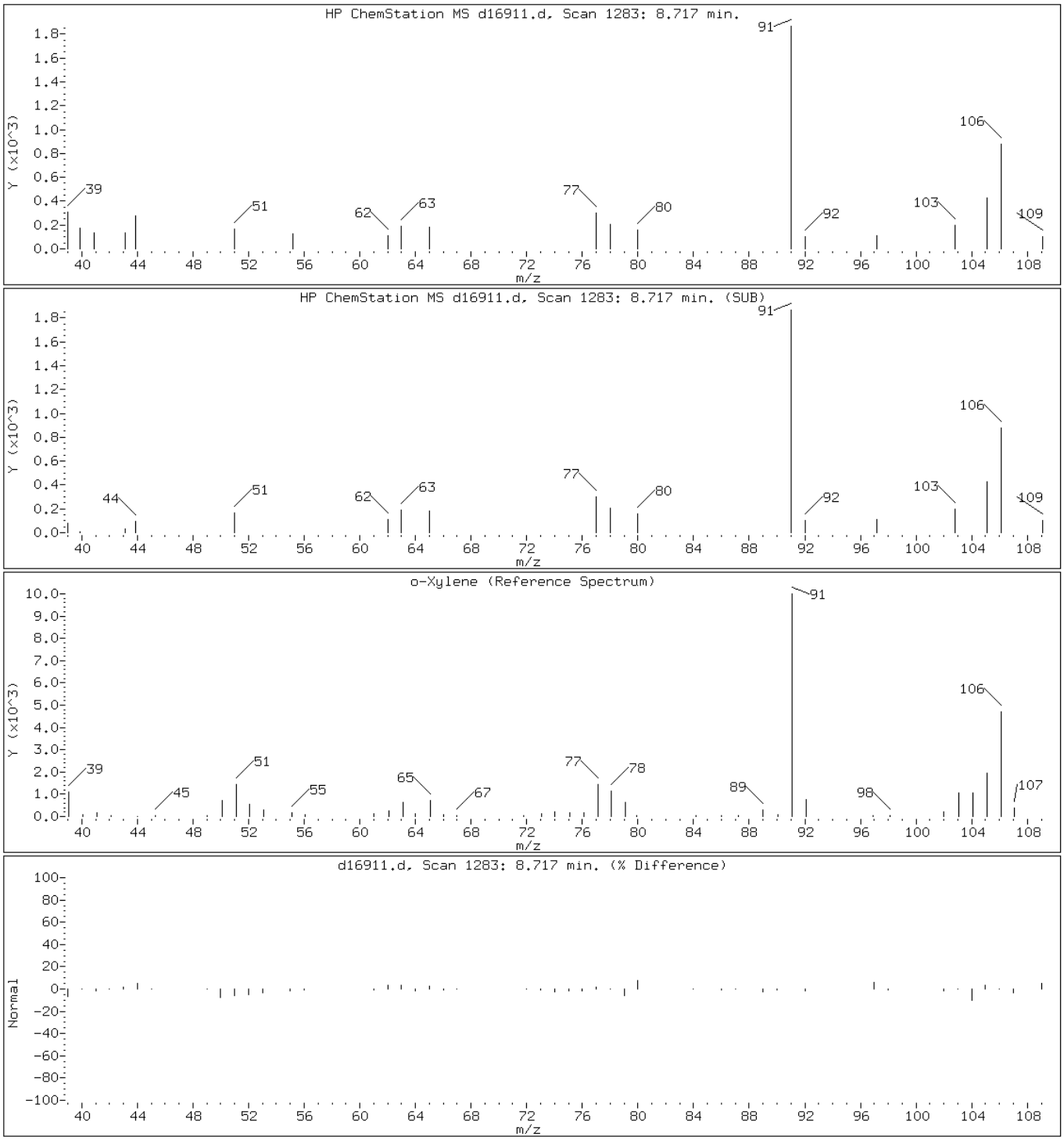
Data File: d16911.d

Date: 05-MAR-2010 10:20

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-3 Operator:

84 o-Xylene



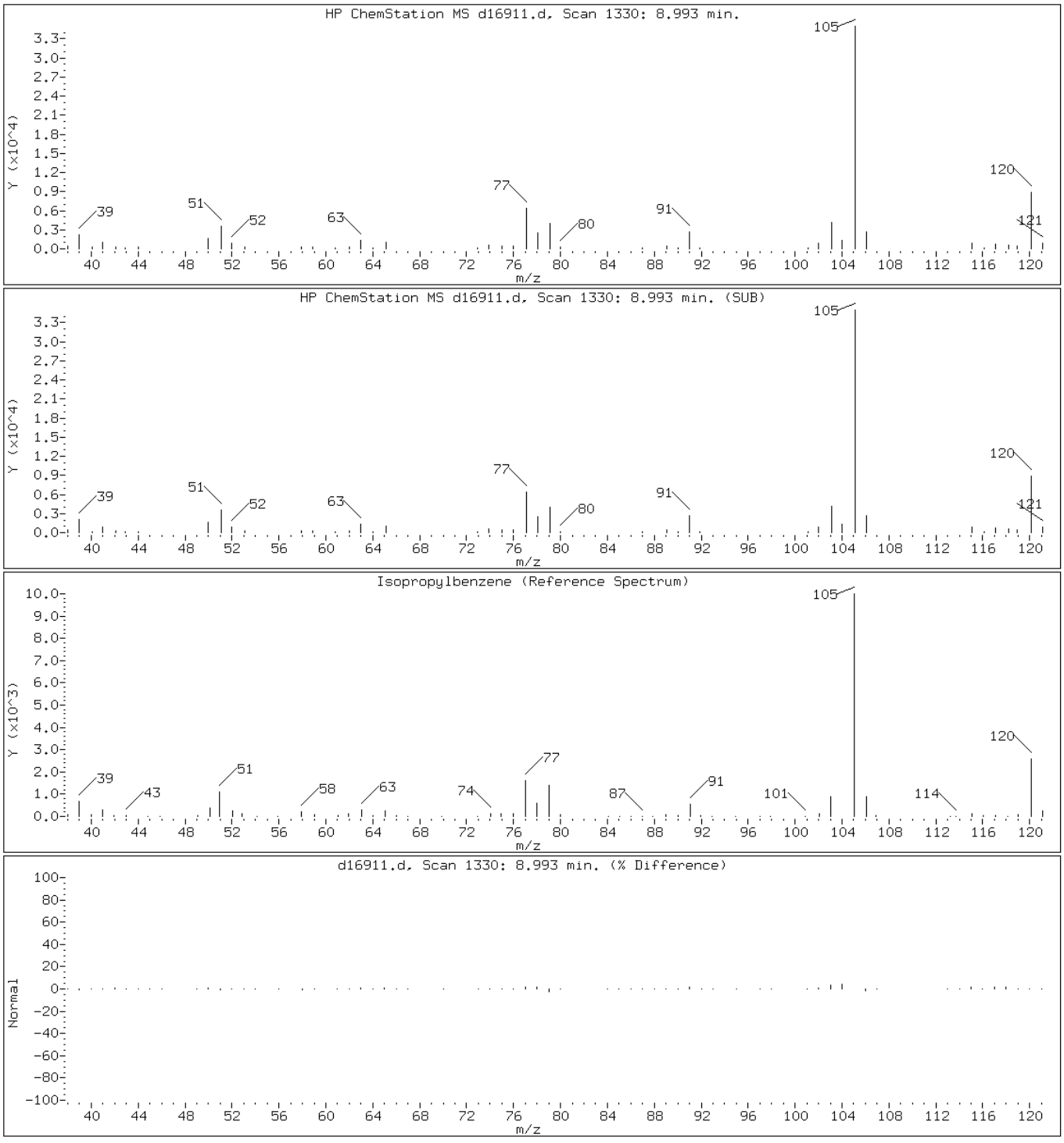
Data File: d16911.d

Date: 05-MAR-2010 10:20

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-3 Operator:

88 Isopropylbenzene



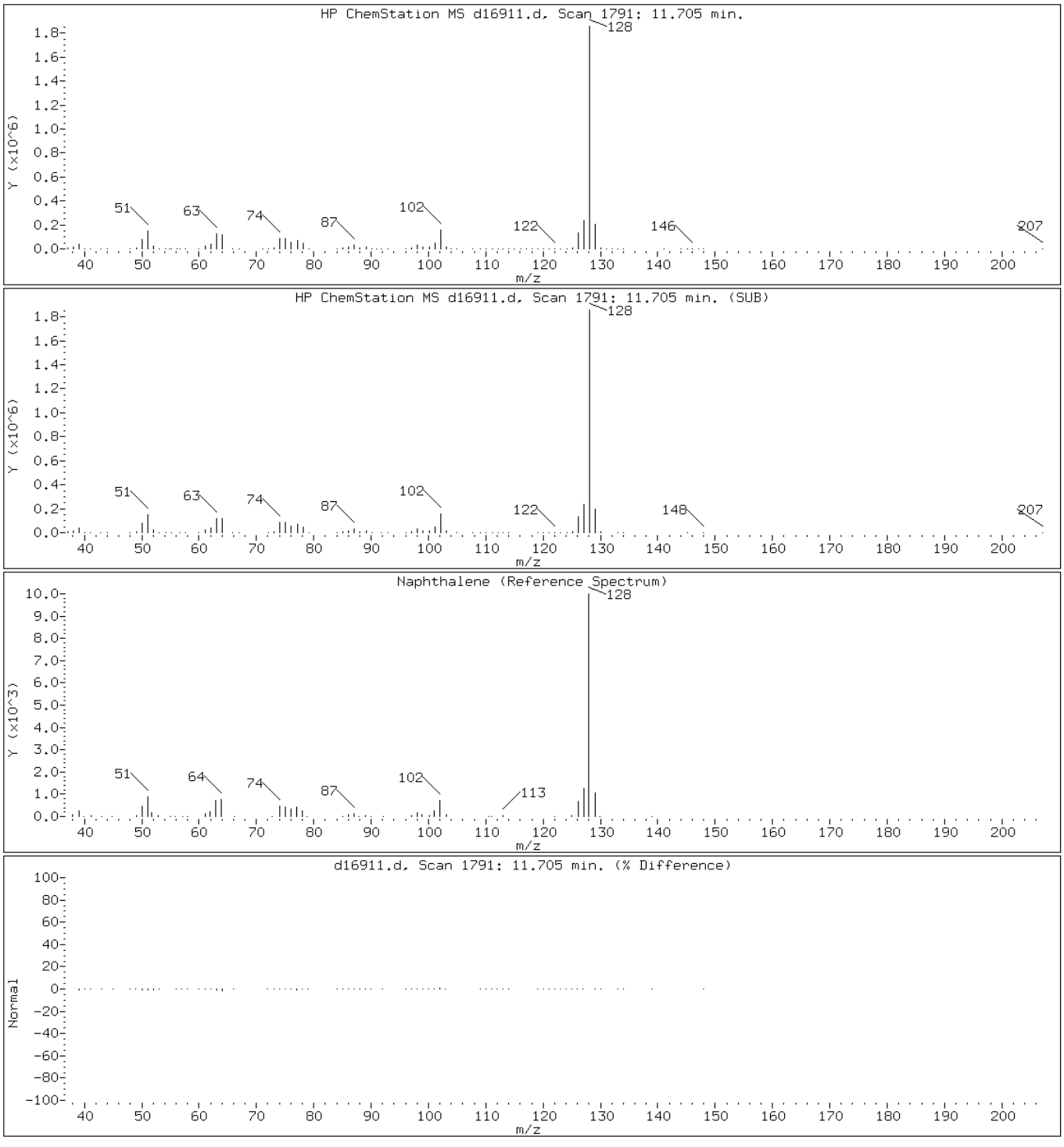
Data File: d16911.d

Date: 05-MAR-2010 10:20

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-3 Operator:

116 Naphthalene



Data File: d16911.d

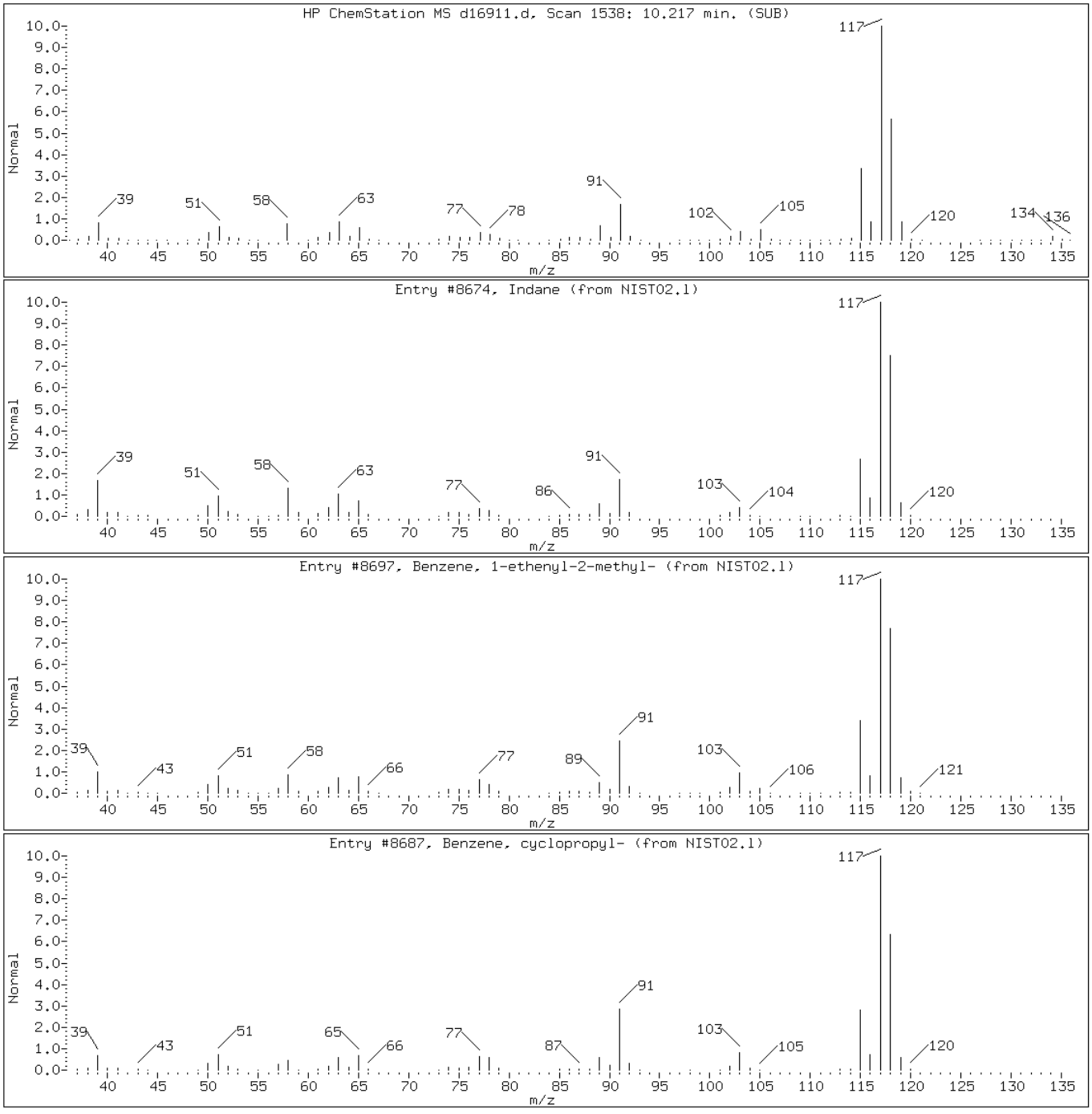
Date: 05-MAR-2010 10:20

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-3 Operator:

Retention Time: 10.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8674	91	C9H10	118
Benzene, 1-ethenyl-2-methyl-	611-15-4	NIST02.l	8697	74	C9H10	118
Benzene, cyclopropyl-	873-49-4	NIST02.l	8687	74	C9H10	118



Data File: d16911.d

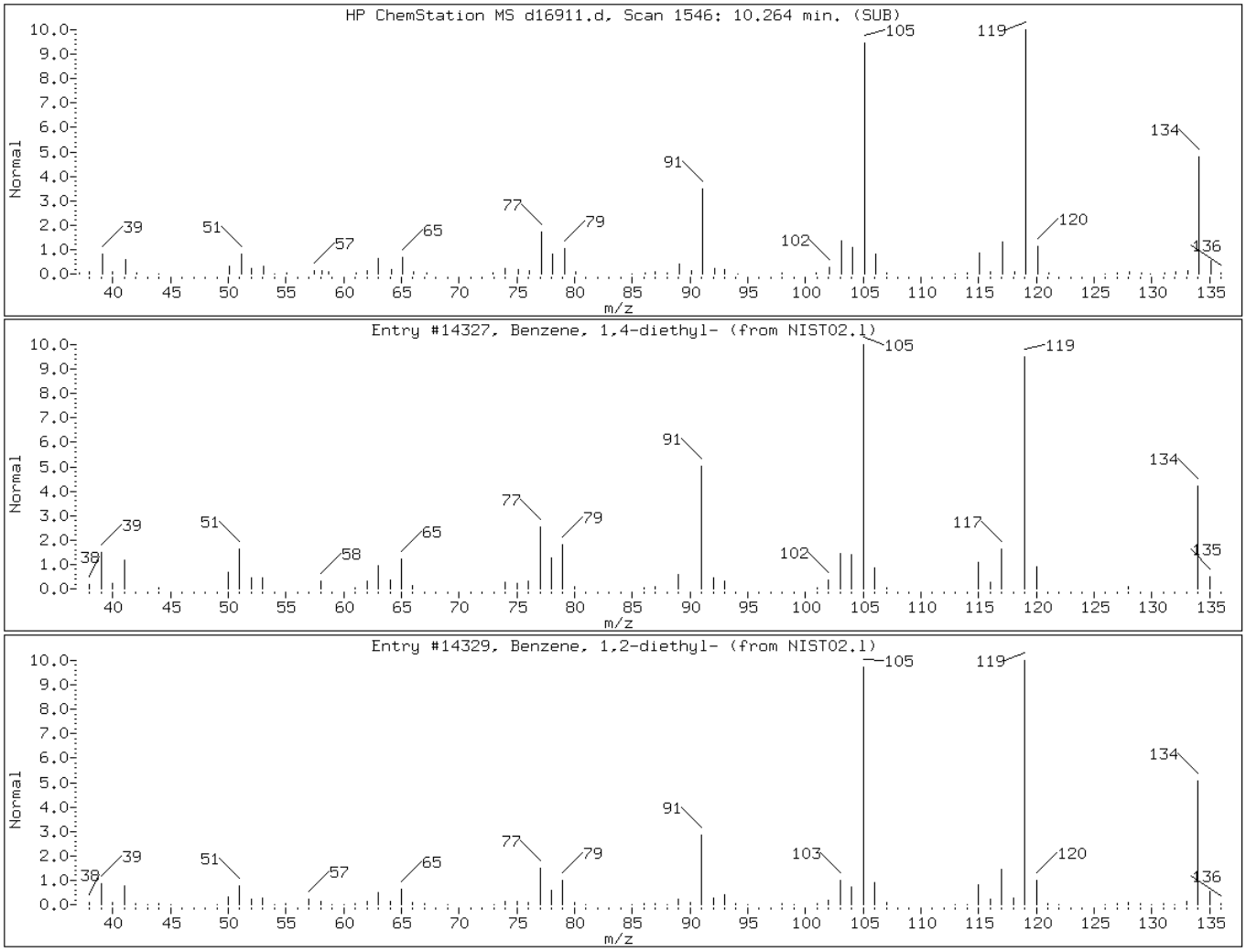
Date: 05-MAR-2010 10:20

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-3 Operator:

Retention Time: 10.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer						
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14327	95	C10H14	134
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14329	94	C10H14	134



Data File: d16911.d

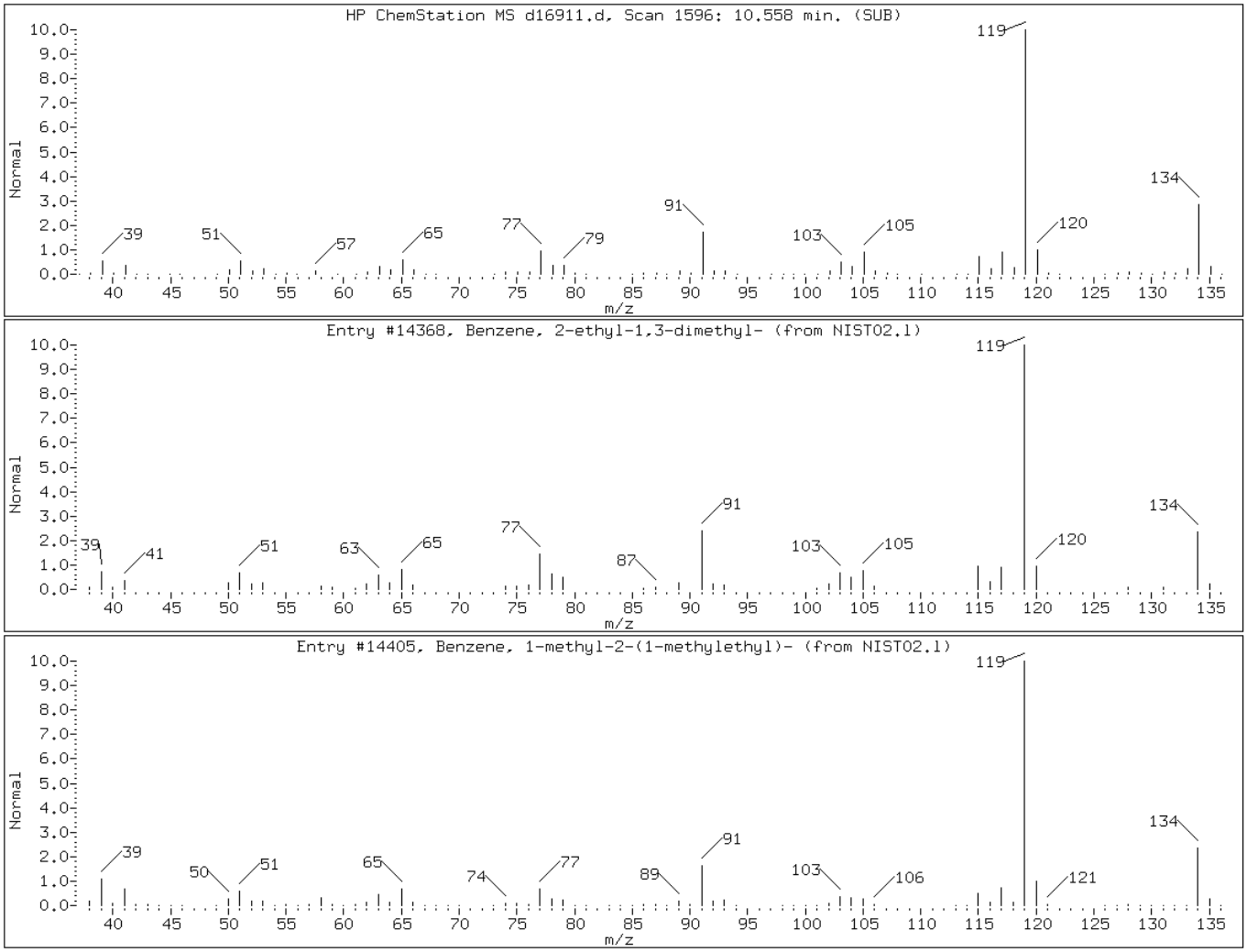
Date: 05-MAR-2010 10:20

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-3 Operator:

Retention Time: 10.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14368	95	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14405	95	C10H14	134



Data File: d16911.d

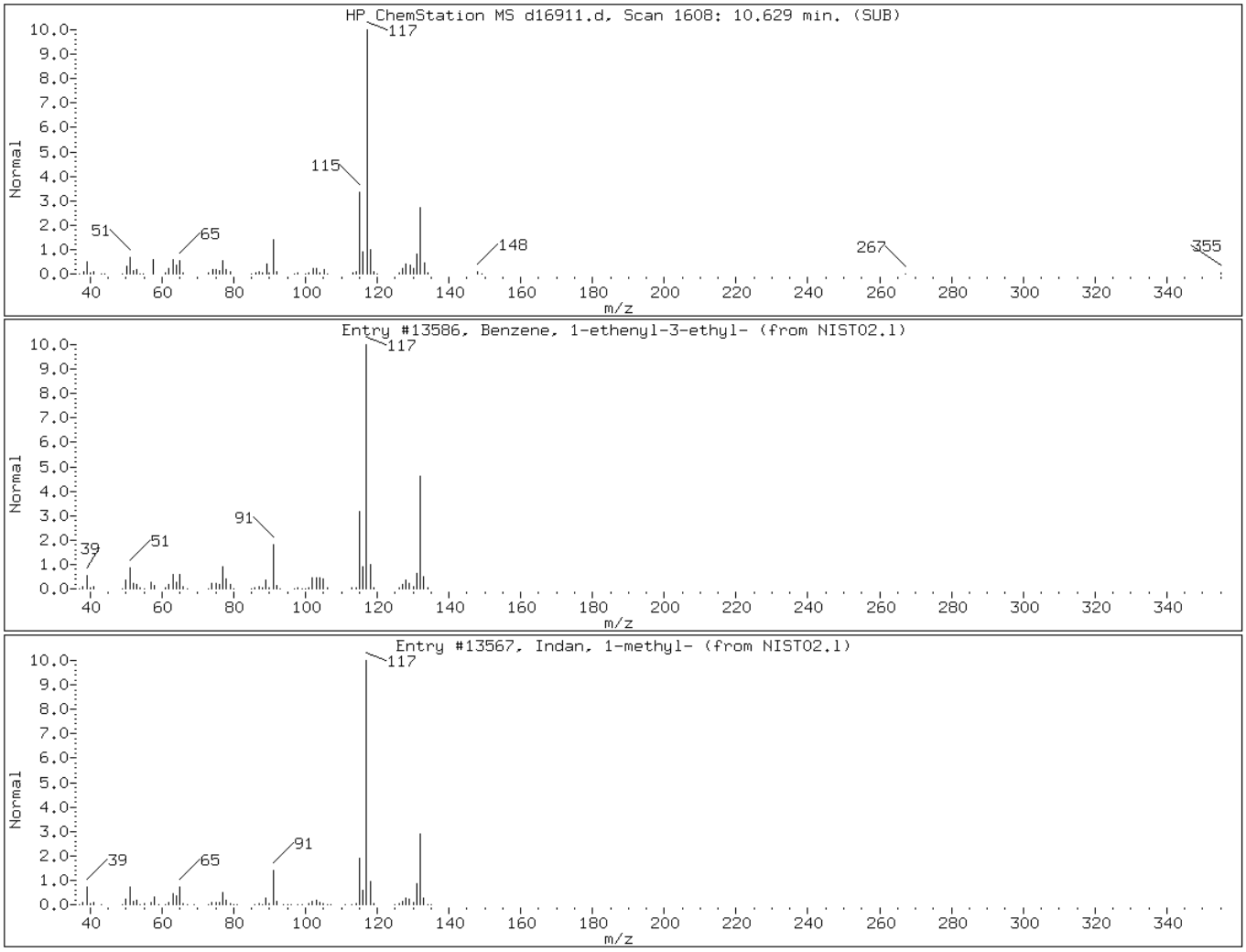
Date: 05-MAR-2010 10:20

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-3 Operator:

Retention Time: 10.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, 1-ethenyl-3-ethyl-	7525-62-4	NIST02.l	13586	91	C10H12	132
Indan, 1-methyl-	767-58-8	NIST02.l	13567	90	C10H12	132



Data File: d16911.d

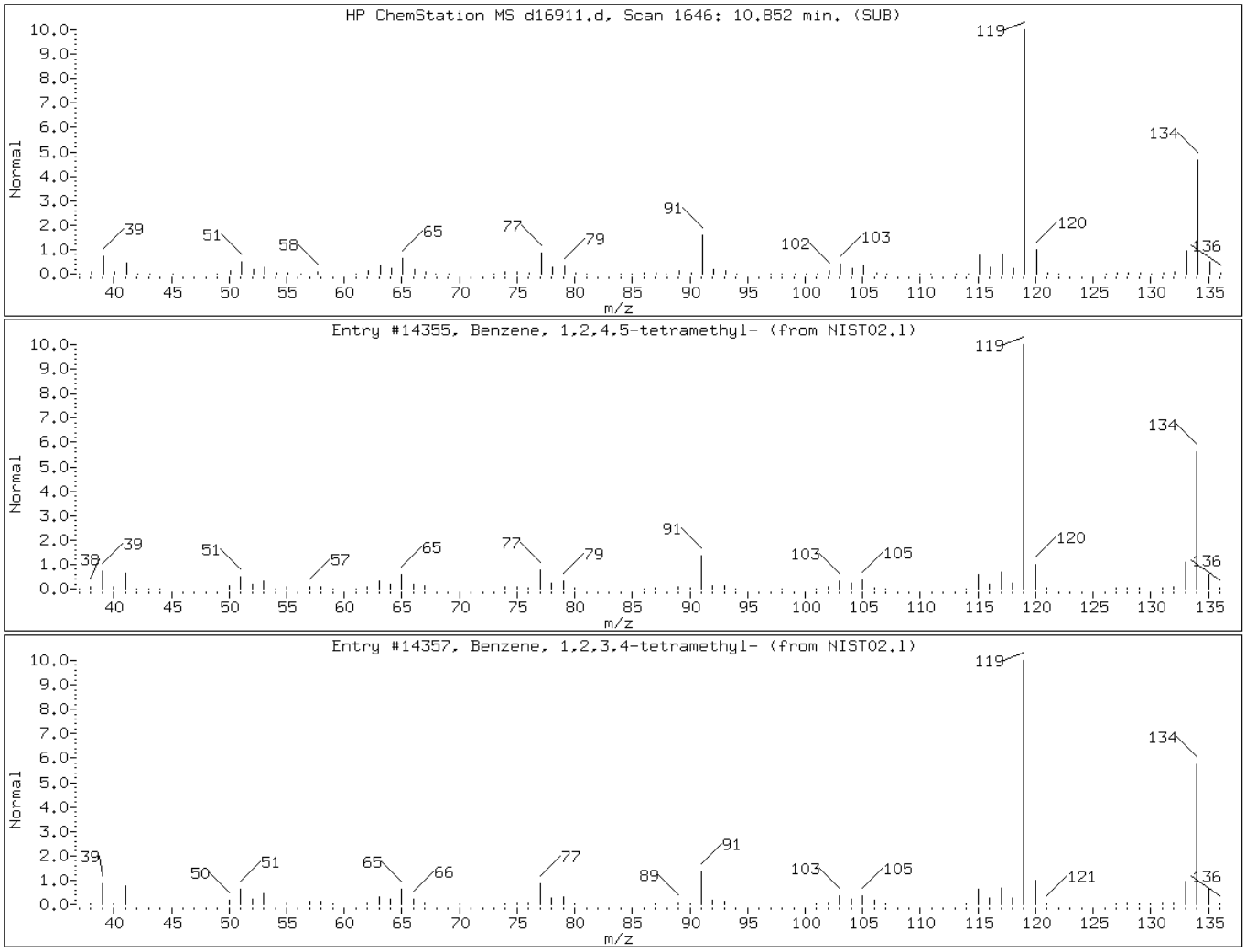
Date: 05-MAR-2010 10:20

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-3 Operator:

Retention Time: 10.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14355	97	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14357	97	C10H14	134



Data File: d16911.d

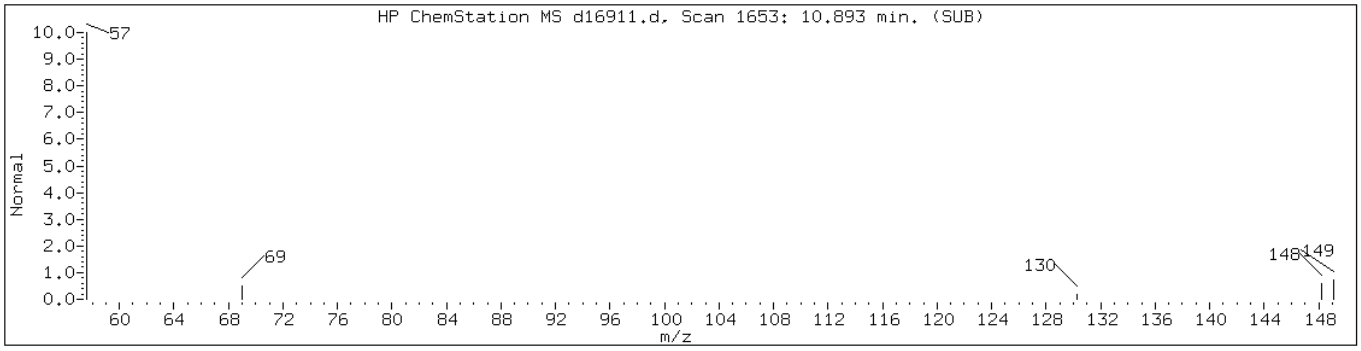
Date: 05-MAR-2010 10:20

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-3 Operator:

Retention Time: 10.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown						



Data File: d16911.d

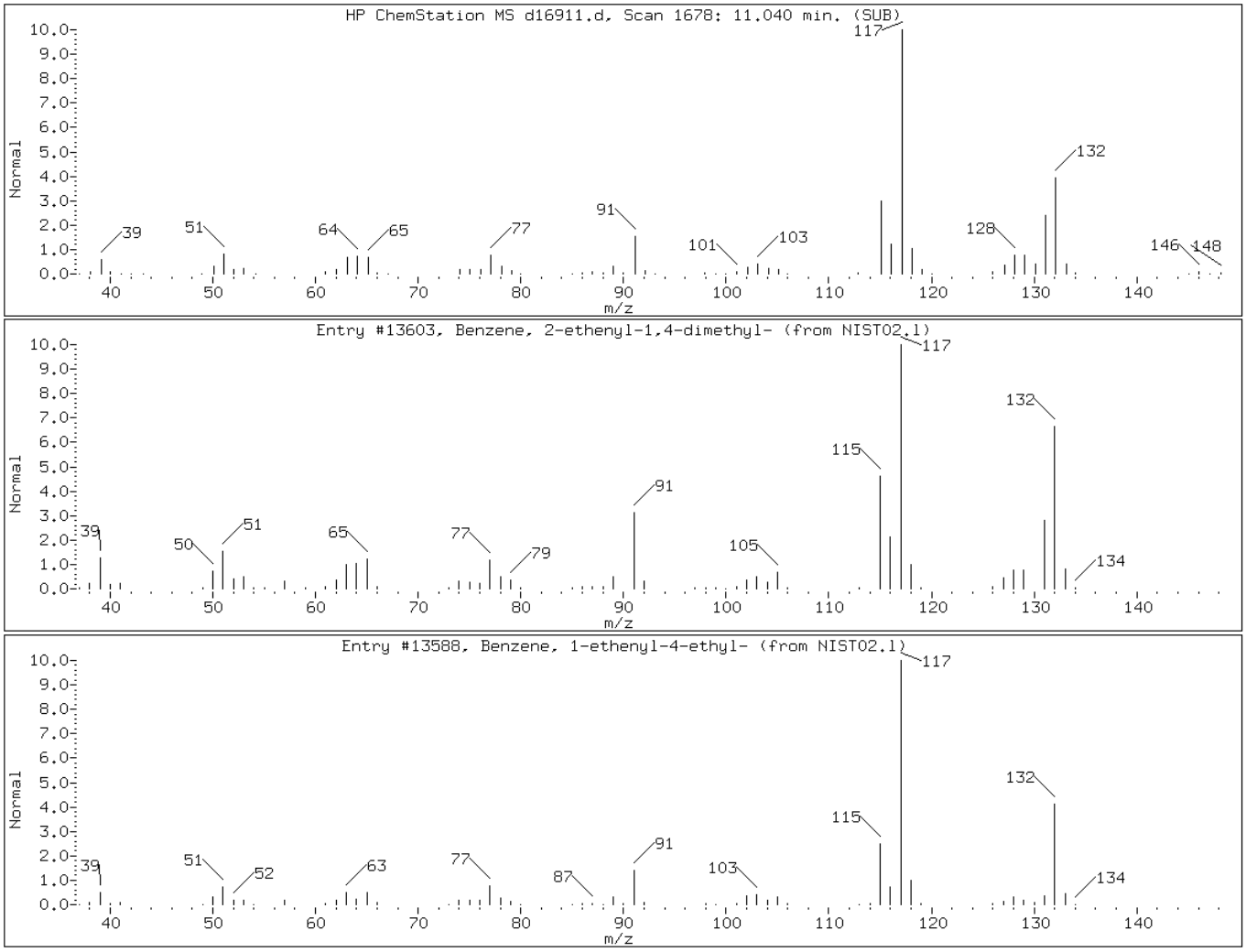
Date: 05-MAR-2010 10:20

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-3 Operator:

Retention Time: 11.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic-1						
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	95	C10H12	132
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	91	C10H12	132



Data File: d16911.d

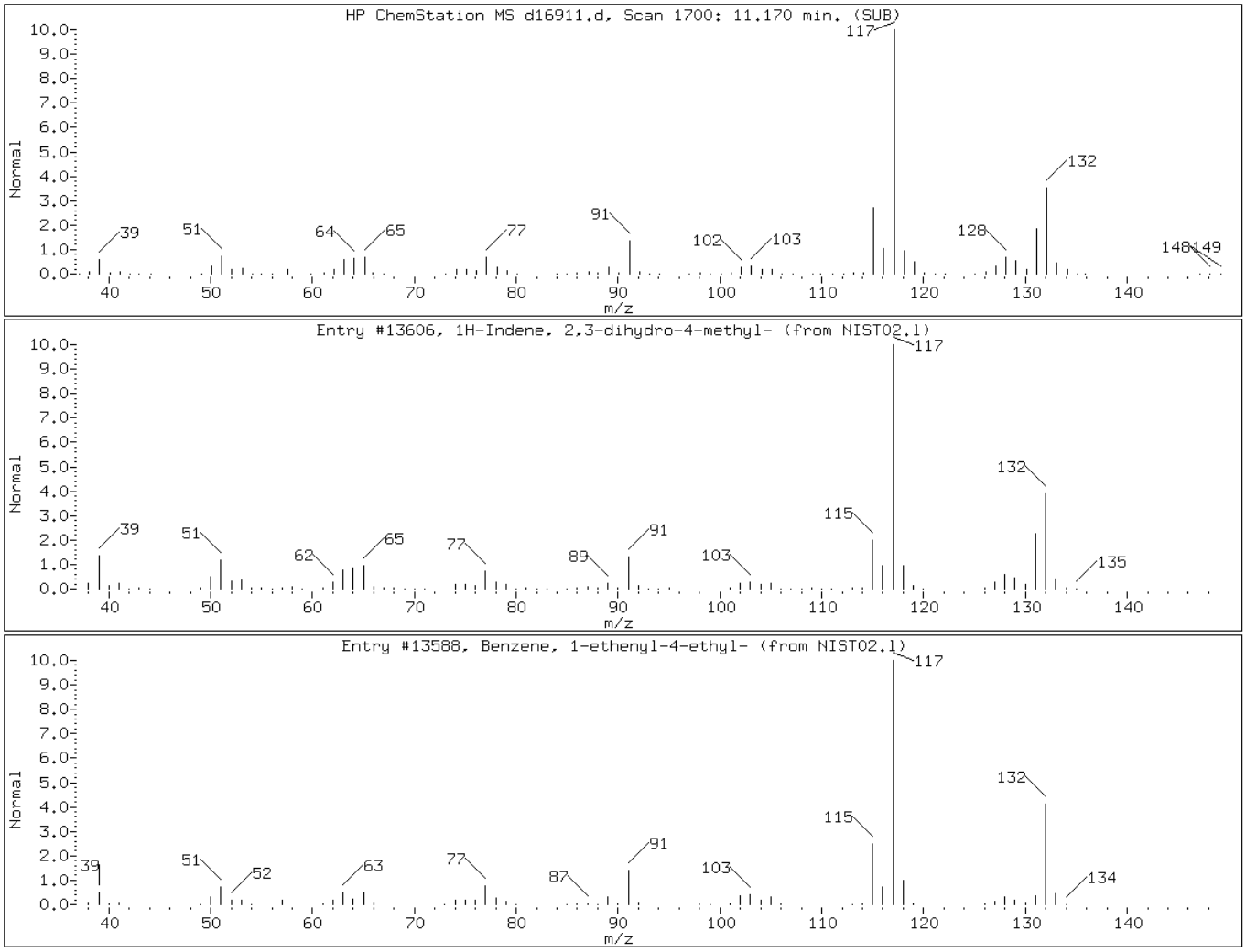
Date: 05-MAR-2010 10:20

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-3 Operator:

Retention Time: 11.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.l	13606	95	C10H12	132
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	94	C10H12	132



Data File: d16911.d

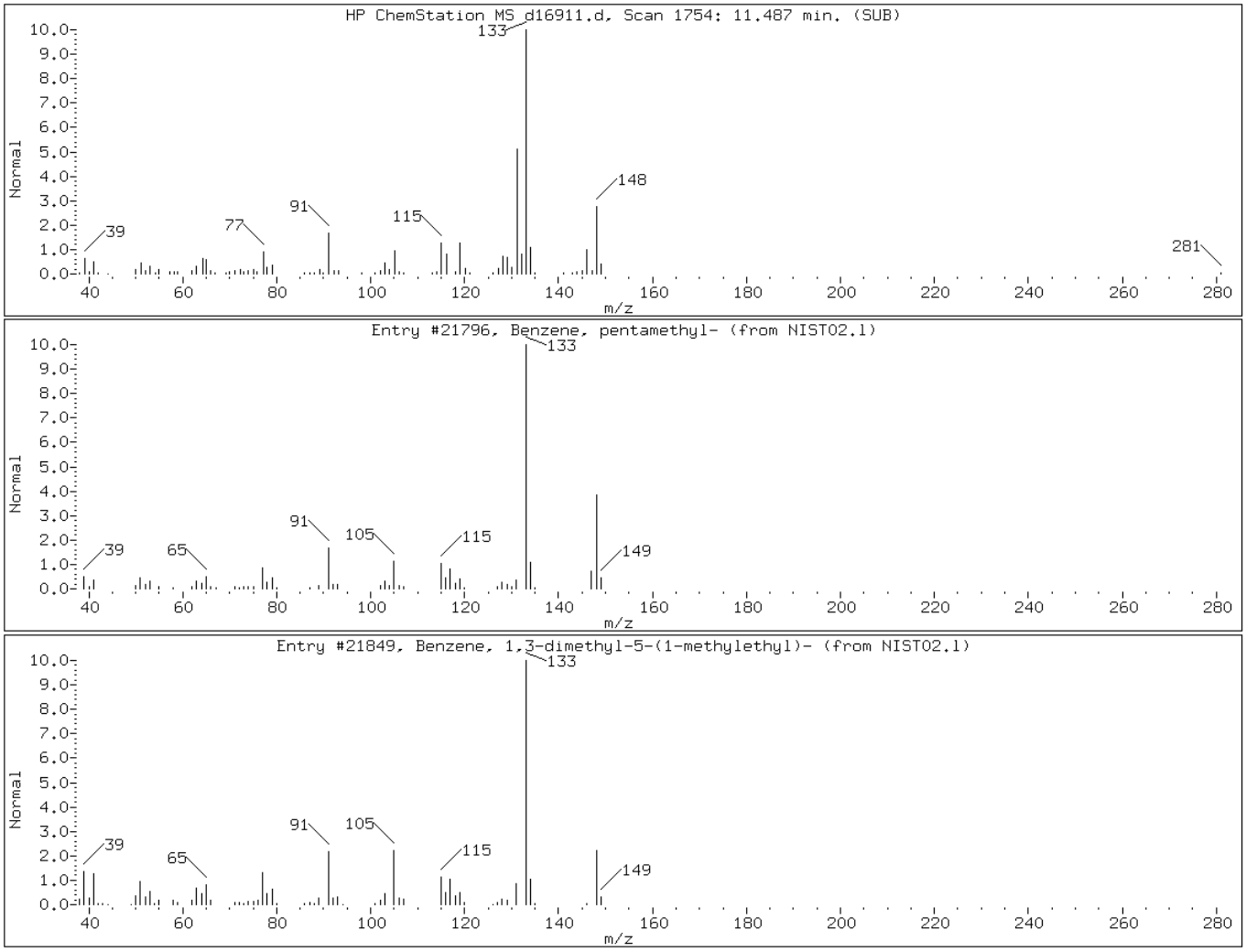
Date: 05-MAR-2010 10:20

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-3 Operator:

Retention Time: 11.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H16 Aromatic-1						
Benzene, pentamethyl-	700-12-9	NIST02.l	21796	52	C11H16	148
Benzene, 1,3-dimethyl-5-(1-methyle	4706-90-5	NIST02.l	21849	49	C11H16	148



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-004 | Lab Sample ID: 460-10889-4

Matrix: GW | Lab File ID: d16912.d

Analysis Method: 8260B | Date Collected: 03/01/2010 15:45

Sample wt/vol: 5(mL) | Date Analyzed: 03/05/2010 10:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 31311 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	0.24	J	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	0.31	J	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-004 | Lab Sample ID: 460-10889-4

Matrix: GW | Lab File ID: d16912.d

Analysis Method: 8260B | Date Collected: 03/01/2010 15:45

Sample wt/vol: 5(mL) | Date Analyzed: 03/05/2010 10:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 31311 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91	70-122	
460-00-4	4-Bromofluorobenzene	95	69-135	
2037-26-5	Toluene-d8 (Surr)	96	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-004 Lab Sample ID: 460-10889-4

Matrix: GW Lab File ID: d16912.d

Analysis Method: 8260B Date Collected: 03/01/2010 15:45

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 10:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16912.d
Report Date: 05-Mar-2010 12:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16912.d
Lab Smp Id: 460-10889-C-4 Client Smp ID: GW-017338-030110-AC
Inj Date : 05-MAR-2010 10:45
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-4
Misc Info : 460-10889-C-4
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
36 cis-1,2-Dichloroethene	96	3.635	3.623	(0.760)	824	0.23802	0.24(a)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.505	4.505	(0.942)	21045	45.5529	46
* 52 Fluorobenzene	96	4.782	4.776	(1.000)	452224	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.517	6.517	(0.801)	418844	48.2309	48
66 Toluene	91	6.582	6.582	(0.809)	3639	0.30998	0.31(a)
* 78 Chlorobenzene-d5	117	8.140	8.140	(1.000)	325069	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.205	9.205	(0.913)	144732	47.5020	48
* 108 1,4-Dichlorobenzene-d4	152	10.081	10.082	(1.000)	183560	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16912.d
Report Date: 05-Mar-2010 12:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16912.d
Lab Smp Id: 460-10889-C-4 Client Smp ID: GW-017338-030110-AC
Inj Date : 05-MAR-2010 10:45
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-4
Misc Info : 460-10889-C-4
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

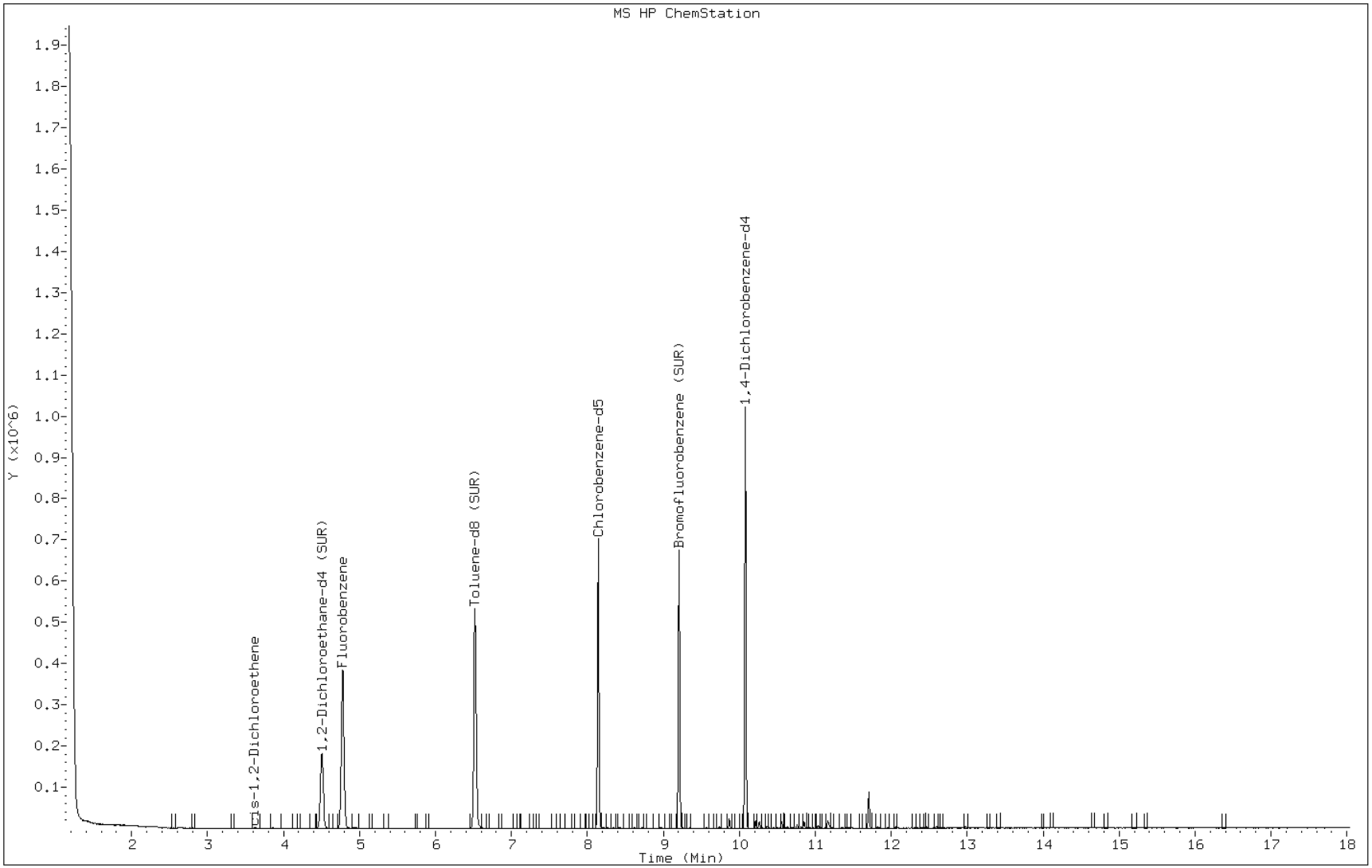
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d16912.d

Date: 05-MAR-2010 10:45

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-4 Operator:



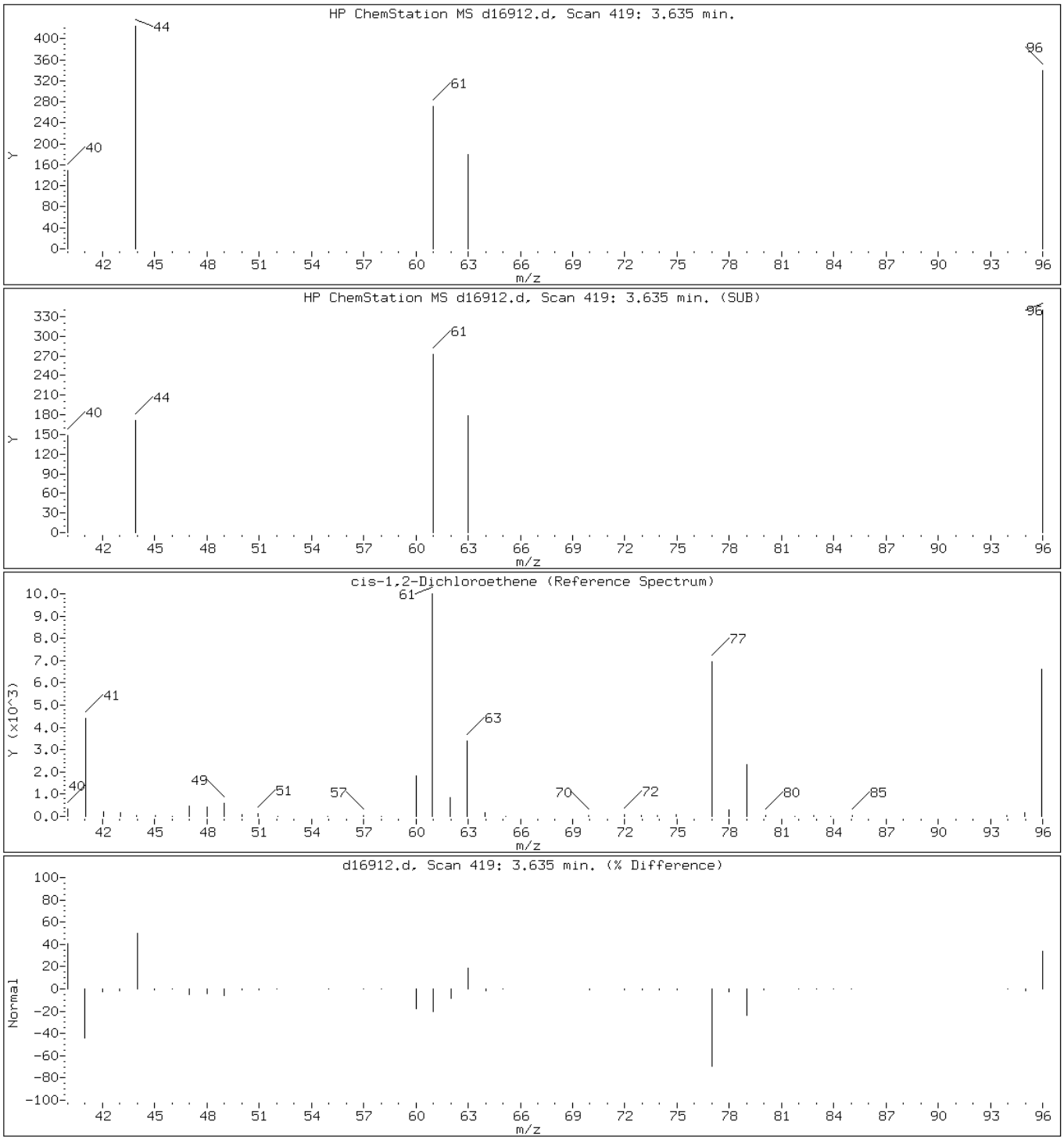
Data File: d16912.d

Date: 05-MAR-2010 10:45

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-4 Operator:

36 cis-1,2-Dichloroethene



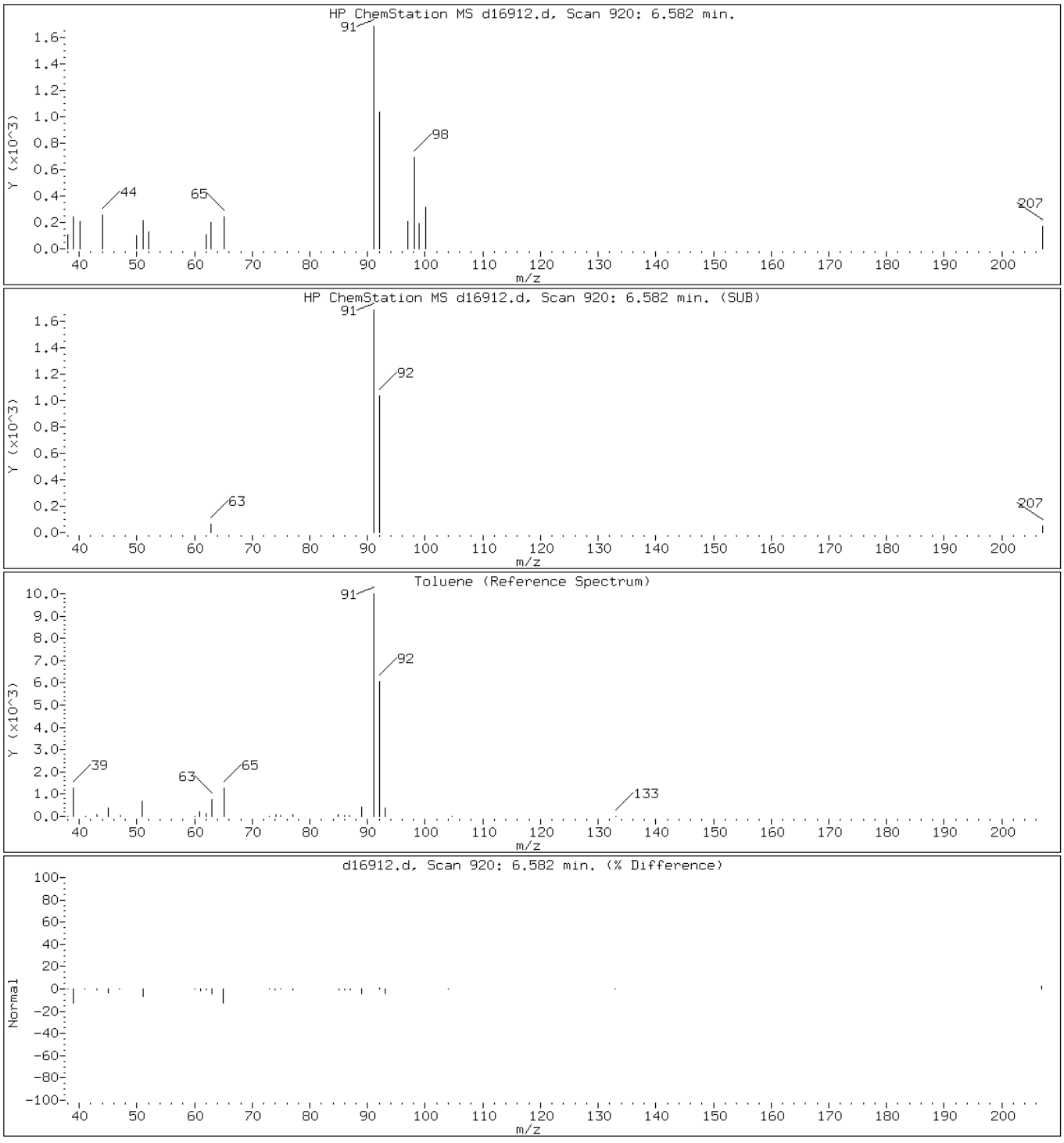
Data File: d16912.d

Date: 05-MAR-2010 10:45

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-4 Operator:

66 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-005 Lab Sample ID: 460-10889-5

Matrix: GW Lab File ID: d16918.d

Analysis Method: 8260B Date Collected: 03/02/2010 12:10

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 13:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-005 Lab Sample ID: 460-10889-5

Matrix: GW Lab File ID: d16918.d

Analysis Method: 8260B Date Collected: 03/02/2010 12:10

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 13:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	0.16	J	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97	70-122	
460-00-4	4-Bromofluorobenzene	95	69-135	
2037-26-5	Toluene-d8 (Surr)	100	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-005 Lab Sample ID: 460-10889-5

Matrix: GW Lab File ID: d16918.d

Analysis Method: 8260B Date Collected: 03/02/2010 12:10

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 13:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16918.d
Report Date: 05-Mar-2010 14:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16918.d
Lab Smp Id: 460-10889-C-5 Client Smp ID: GW-017338-030210-RA
Inj Date : 05-MAR-2010 13:11
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-5
Misc Info : 460-10889-C-5
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.511	4.505	(0.942)	23027	48.6844	49
* 52 Fluorobenzene	96	4.788	4.776	(1.000)	462986	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.523	6.517	(0.801)	427753	50.2185	50
* 78 Chlorobenzene-d5	117	8.146	8.140	(1.000)	318844	50.0000	
79 Chlorobenzene	112	8.158	8.158	(1.001)	1144	0.16181	0.16(a)
$ 89 Bromofluorobenzene (SUR)	174	9.211	9.205	(0.914)	143214	47.5077	48
* 108 1,4-Dichlorobenzene-d4	152	10.081	10.082	(1.000)	181613	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16918.d
Report Date: 05-Mar-2010 14:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16918.d
Lab Smp Id: 460-10889-C-5 Client Smp ID: GW-017338-030210-RA
Inj Date : 05-MAR-2010 13:11
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-5
Misc Info : 460-10889-C-5
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

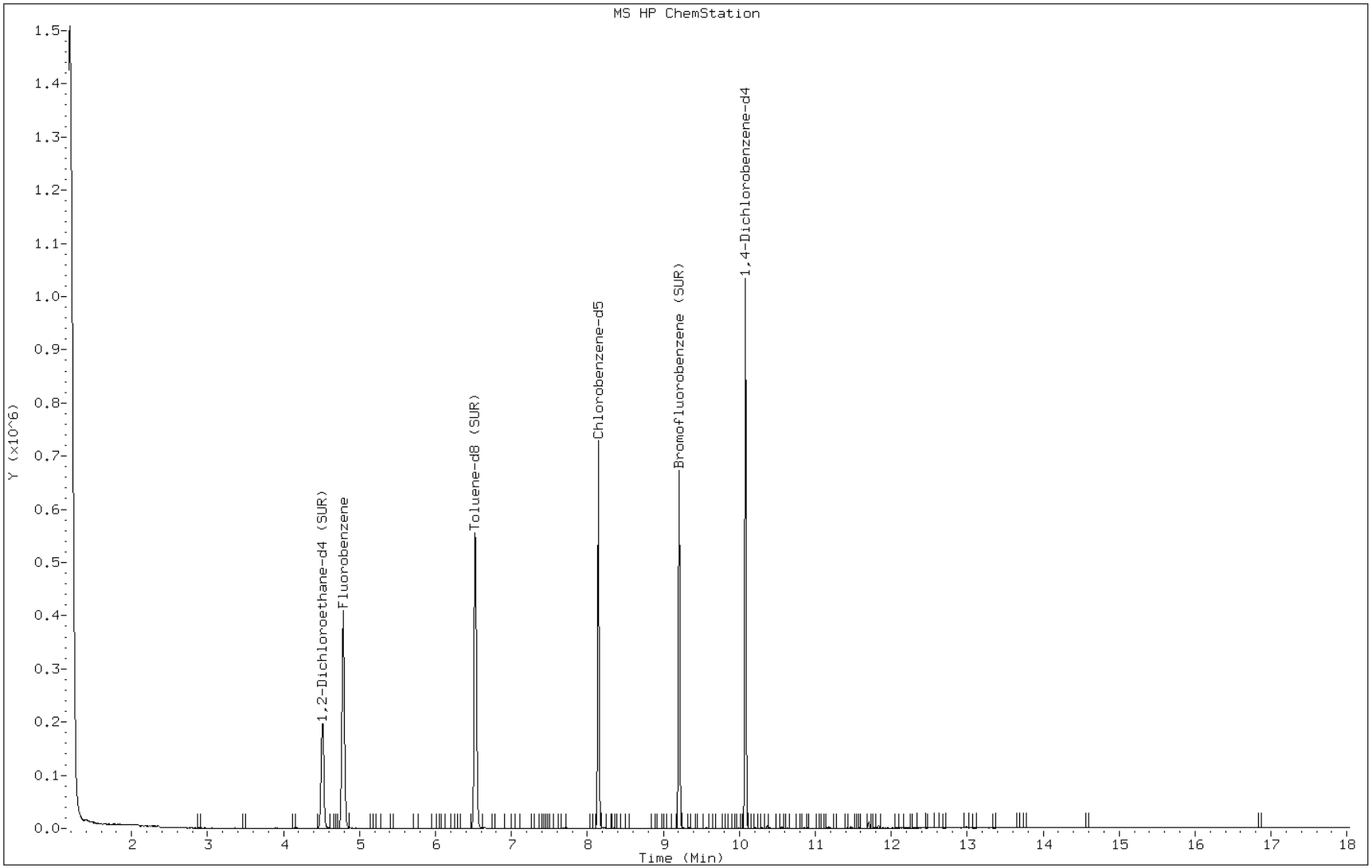
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d16918.d

Date: 05-MAR-2010 13:11

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-5 Operator:



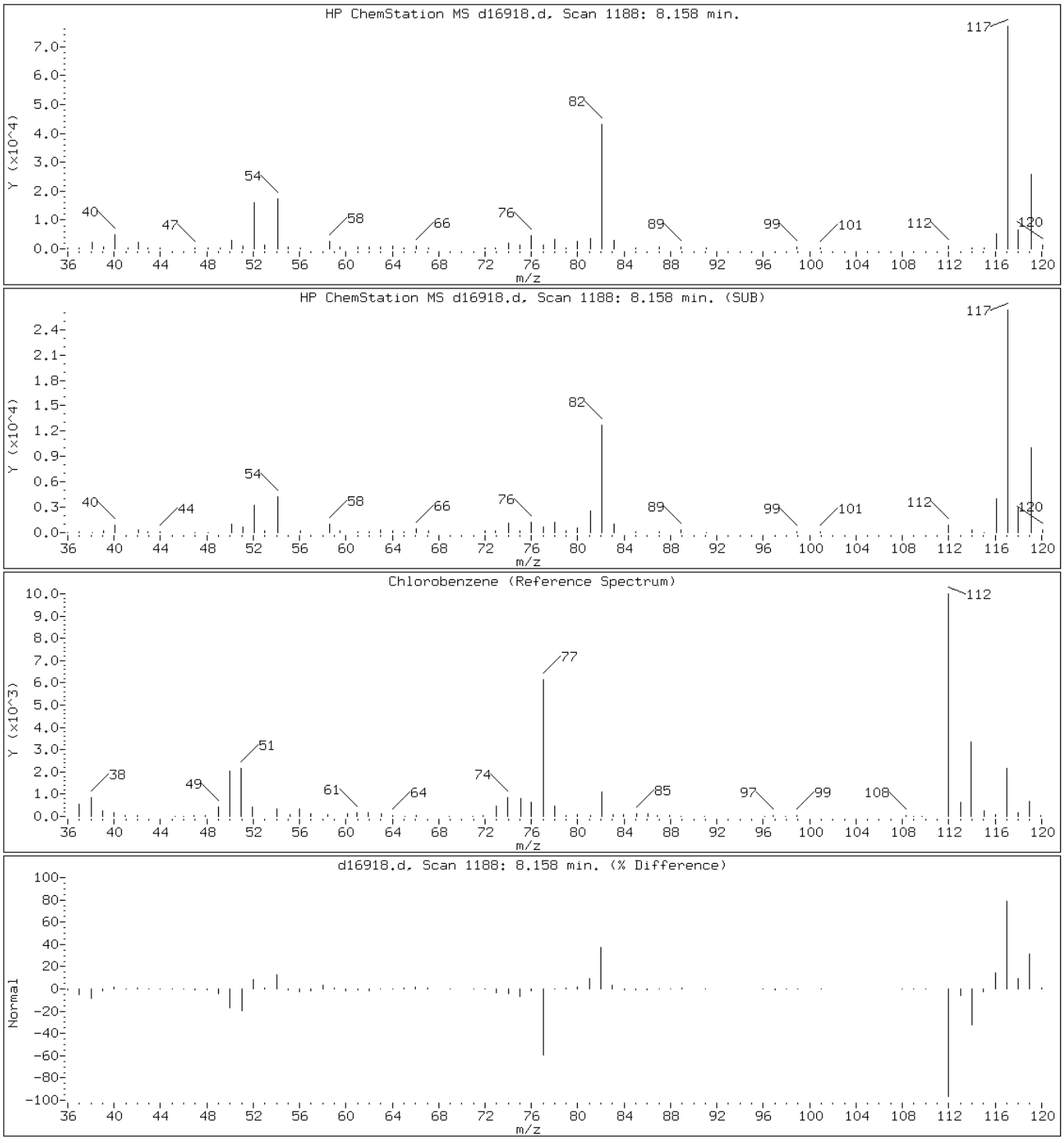
Data File: d16918.d

Date: 05-MAR-2010 13:11

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-5 Operator:

79 Chlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: EB-017338-030210-ACH-006 Lab Sample ID: 460-10889-6

Matrix: GW Lab File ID: d16913.d

Analysis Method: 8260B Date Collected: 03/02/2010 12:30

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 11:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	0.96	J	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: EB-017338-030210-ACH-006 Lab Sample ID: 460-10889-6

Matrix: GW Lab File ID: d16913.d

Analysis Method: 8260B Date Collected: 03/02/2010 12:30

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 11:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93	70-122	
460-00-4	4-Bromofluorobenzene	95	69-135	
2037-26-5	Toluene-d8 (Surr)	97	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: EB-017338-030210-ACH-006 Lab Sample ID: 460-10889-6

Matrix: GW Lab File ID: d16913.d

Analysis Method: 8260B Date Collected: 03/02/2010 12:30

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 11:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16913.d
Report Date: 05-Mar-2010 12:11

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16913.d
Lab Smp Id: 460-10889-B-6 Client Smp ID: EB-017338-030210-AC
Inj Date : 05-MAR-2010 11:09
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-B-6
Misc Info : 460-10889-B-6
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
22 Methylene Chloride	84	2.605	2.594	(0.545)	3250	0.96023	0.96(a)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.511	4.505	(0.943)	21330	46.2793	46
* 52 Fluorobenzene	96	4.782	4.776	(1.000)	451154	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.523	6.517	(0.801)	410621	48.3467	48
* 78 Chlorobenzene-d5	117	8.146	8.140	(1.000)	317924	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.211	9.205	(0.914)	140773	47.5505	48
* 108 1,4-Dichlorobenzene-d4	152	10.081	10.082	(1.000)	178357	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16913.d
Report Date: 05-Mar-2010 12:11

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16913.d
Lab Smp Id: 460-10889-B-6 Client Smp ID: EB-017338-030210-AC
Inj Date : 05-MAR-2010 11:09
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-B-6
Misc Info : 460-10889-B-6
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

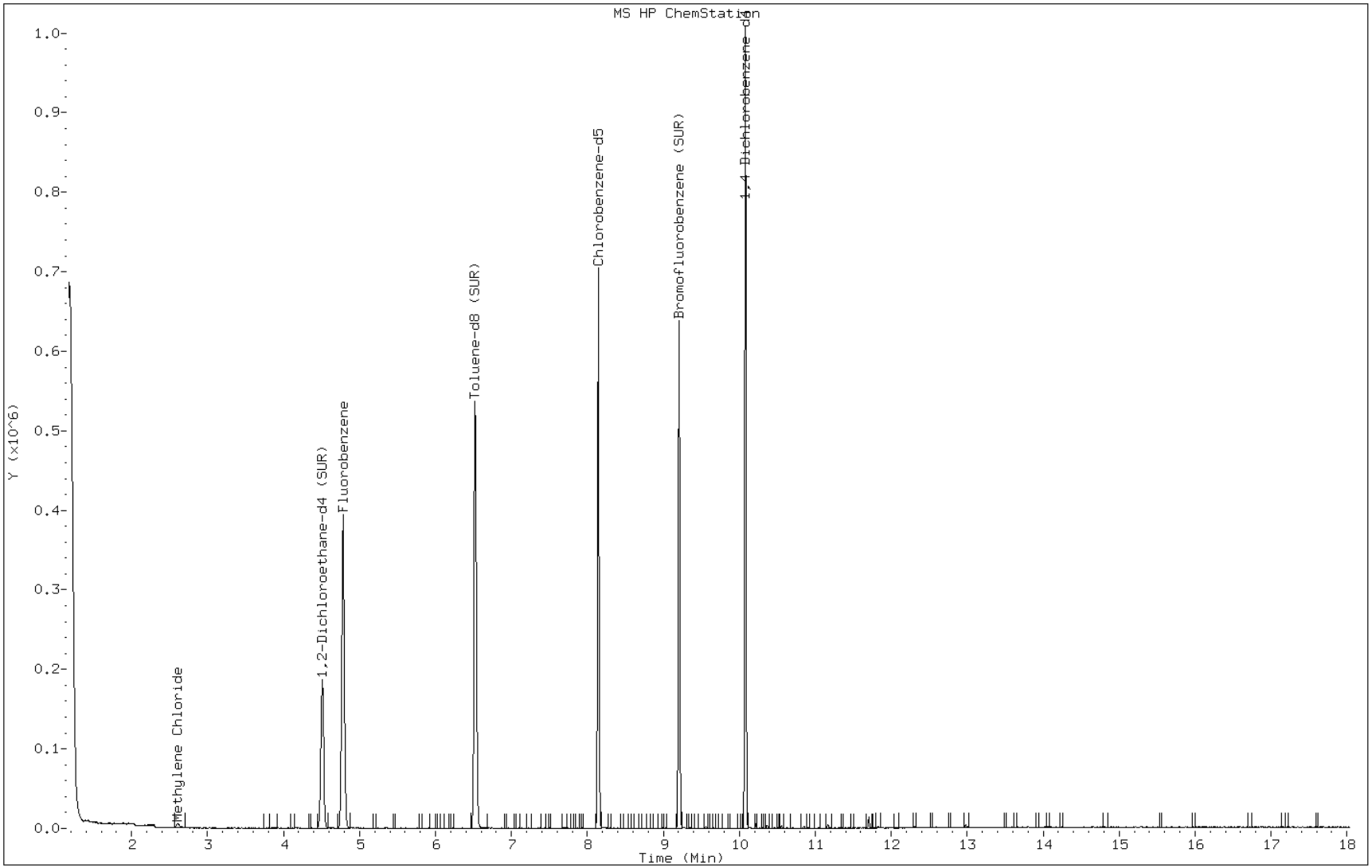
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d16913.d

Date: 05-MAR-2010 11:09

Client ID: EB-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-6 Operator:



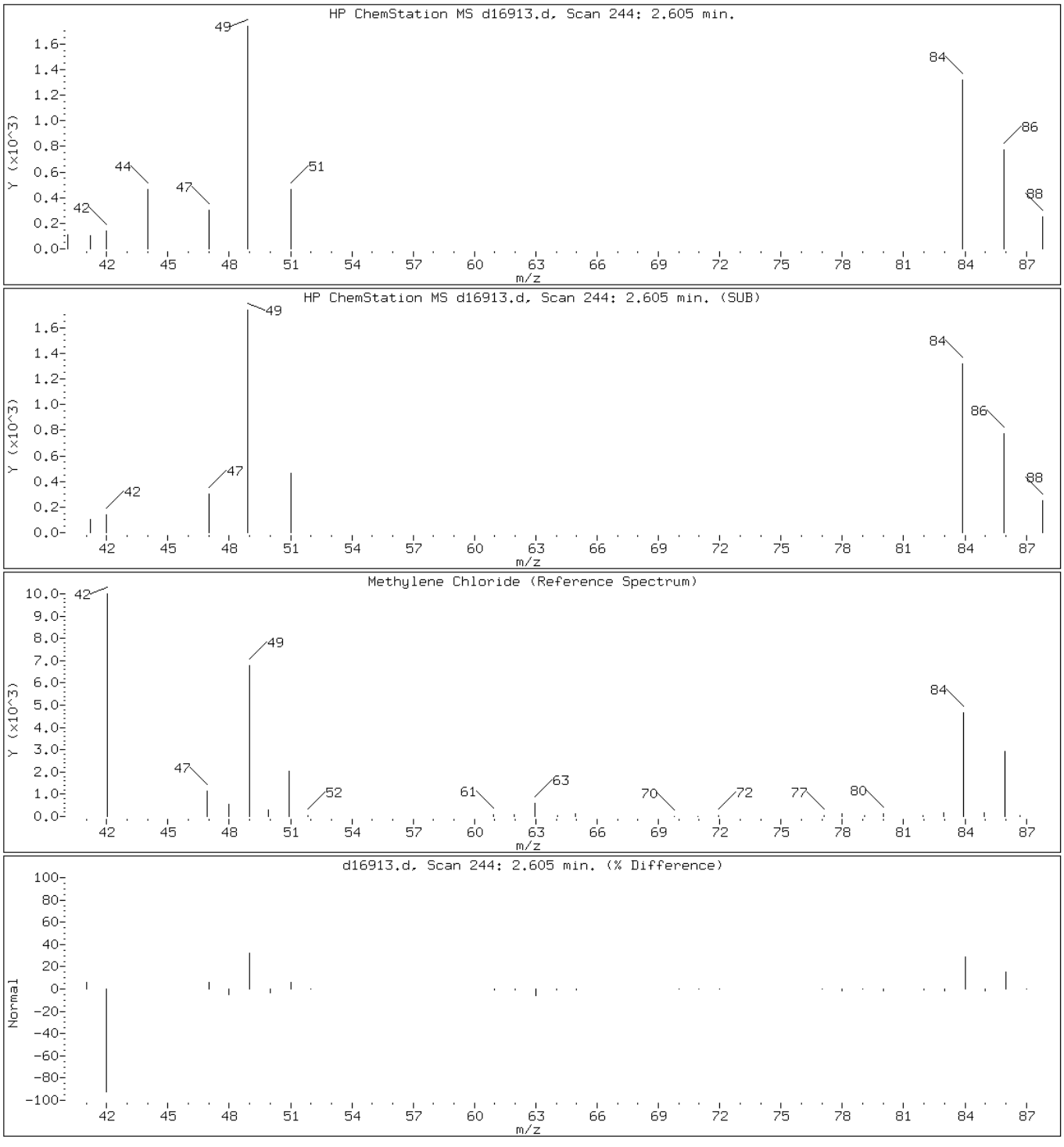
Data File: d16913.d

Date: 05-MAR-2010 11:09

Client ID: EB-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-6 Operator:

22 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-007 Lab Sample ID: 460-10889-7

Matrix: GW Lab File ID: d16919.d

Analysis Method: 8260B Date Collected: 03/02/2010 13:10

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 13:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-007 | Lab Sample ID: 460-10889-7

Matrix: GW | Lab File ID: d16919.d

Analysis Method: 8260B | Date Collected: 03/02/2010 13:10

Sample wt/vol: 5(mL) | Date Analyzed: 03/05/2010 13:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 31311 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95	70-122	
460-00-4	4-Bromofluorobenzene	95	69-135	
2037-26-5	Toluene-d8 (Surr)	98	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-007 Lab Sample ID: 460-10889-7

Matrix: GW Lab File ID: d16919.d

Analysis Method: 8260B Date Collected: 03/02/2010 13:10

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 13:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16919.d
Report Date: 05-Mar-2010 14:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16919.d
Lab Smp Id: 460-10889-C-7 Client Smp ID: GW-017338-030210-RA
Inj Date : 05-MAR-2010 13:35
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-7
Misc Info : 460-10889-C-7
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.511	4.505	(0.942)	22543	47.7486	48
* 52 Fluorobenzene	96	4.788	4.776	(1.000)	462138	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.523	6.517	(0.801)	414676	48.9364	49
* 78 Chlorobenzene-d5	117	8.146	8.140	(1.000)	317195	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.211	9.205	(0.914)	141504	47.3429	47
* 108 1,4-Dichlorobenzene-d4	152	10.081	10.082	(1.000)	180069	50.0000	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16919.d
Report Date: 05-Mar-2010 14:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16919.d
Lab Smp Id: 460-10889-C-7 Client Smp ID: GW-017338-030210-RA
Inj Date : 05-MAR-2010 13:35
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-7
Misc Info : 460-10889-C-7
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

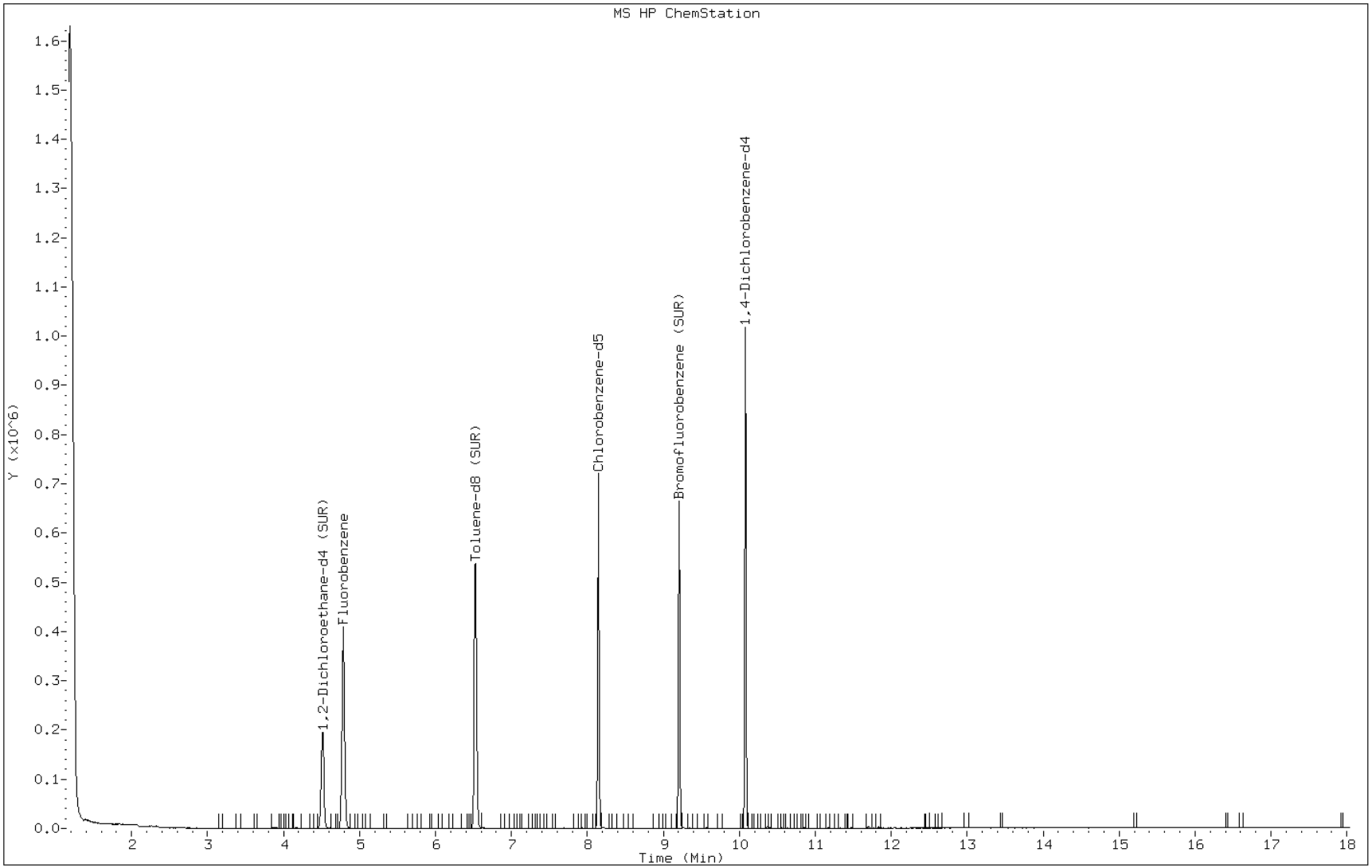
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d16919.d

Date: 05-MAR-2010 13:35

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-7 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-008 Lab Sample ID: 460-10889-8

Matrix: GW Lab File ID: d16914.d

Analysis Method: 8260B Date Collected: 03/02/2010 13:15

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 11:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.5		1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.4		1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-008 | Lab Sample ID: 460-10889-8

Matrix: GW | Lab File ID: d16914.d

Analysis Method: 8260B | Date Collected: 03/02/2010 13:15

Sample wt/vol: 5(mL) | Date Analyzed: 03/05/2010 11:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 31311 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	7.3		3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	5.0		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97	70-122	
460-00-4	4-Bromofluorobenzene	100	69-135	
2037-26-5	Toluene-d8 (Surr)	99	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-008 Lab Sample ID: 460-10889-8

Matrix: GW Lab File ID: d16914.d

Analysis Method: 8260B Date Collected: 03/02/2010 13:15

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 11:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

Number TICs Found: 4 TIC Result Total: 29.2

CAS NO.	COMPOUND NAME	RT	RESULT	Q
108-20-3	Isopropyl ether	3.11	5.8	
496-11-7	Indane	10.22	11	T J N
	Diethylbenzene isomer	10.26	5.8	T J
	C10H12 Aromatic	11.17	6.6	T J

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16914.d
Report Date: 05-Mar-2010 12:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16914.d
Lab Smp Id: 460-10889-C-8 Client Smp ID: GW-017338-030210-AC
Inj Date : 05-MAR-2010 11:34
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-8
Misc Info : 460-10889-C-8
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 MTBE	73	2.817	2.823	(0.589)	12744	1.49998	1.5
	32 DIPE	45	3.111	3.111	(0.651)	62427	5.81882	5.8
	44 Cyclohexane	56	3.794	3.788	(0.793)	5734	1.35098	1.4
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.505	4.505	(0.942)	21228	48.5926	48
*	52 Fluorobenzene	96	4.782	4.776	(1.000)	427621	50.0000	
$	65 Toluene-d8 (SUR)	98	6.523	6.517	(0.801)	409154	49.6144	50
	66 Toluene	91	6.582	6.582	(0.808)	11239	1.00815	1.0
*	78 Chlorobenzene-d5	117	8.146	8.140	(1.000)	308694	50.0000	
	82 m+p-Xylene	106	8.346	8.346	(1.025)	32320	7.15838	7.2
	84 o-Xylene	106	8.711	8.717	(1.069)	734	0.16627	0.17(a)
	88 Isopropylbenzene	105	8.993	8.993	(1.104)	60889	5.04090	5.0
$	89 Bromofluorobenzene (SUR)	174	9.205	9.205	(0.913)	144972	49.9467	50
	95 n-Propylbenzene	91	9.329	9.329	(0.925)	41290	2.89065	2.9
	101 1,2,4-Trimethylbenzene	105	9.793	9.793	(0.971)	2478	0.22799	0.23(a)
	103 sec-Butylbenzene	105	9.876	9.876	(0.980)	2676	0.20454	0.20(a)
*	108 1,4-Dichlorobenzene-d4	152	10.081	10.082	(1.000)	174865	50.0000	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16914.d
Report Date: 05-Mar-2010 12:13

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
M 121 Xylene (Total)	100				33054	7.32464	7.3

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16914.d
Report Date: 05-Mar-2010 12:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16914.d
Lab Smp Id: 460-10889-C-8 Client Smp ID: GW-017338-030210-AC
Inj Date : 05-MAR-2010 11:34
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-8
Misc Info : 460-10889-C-8
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 108 1,4-Dichlorobenzene-d4	10.081	1113303	50.000

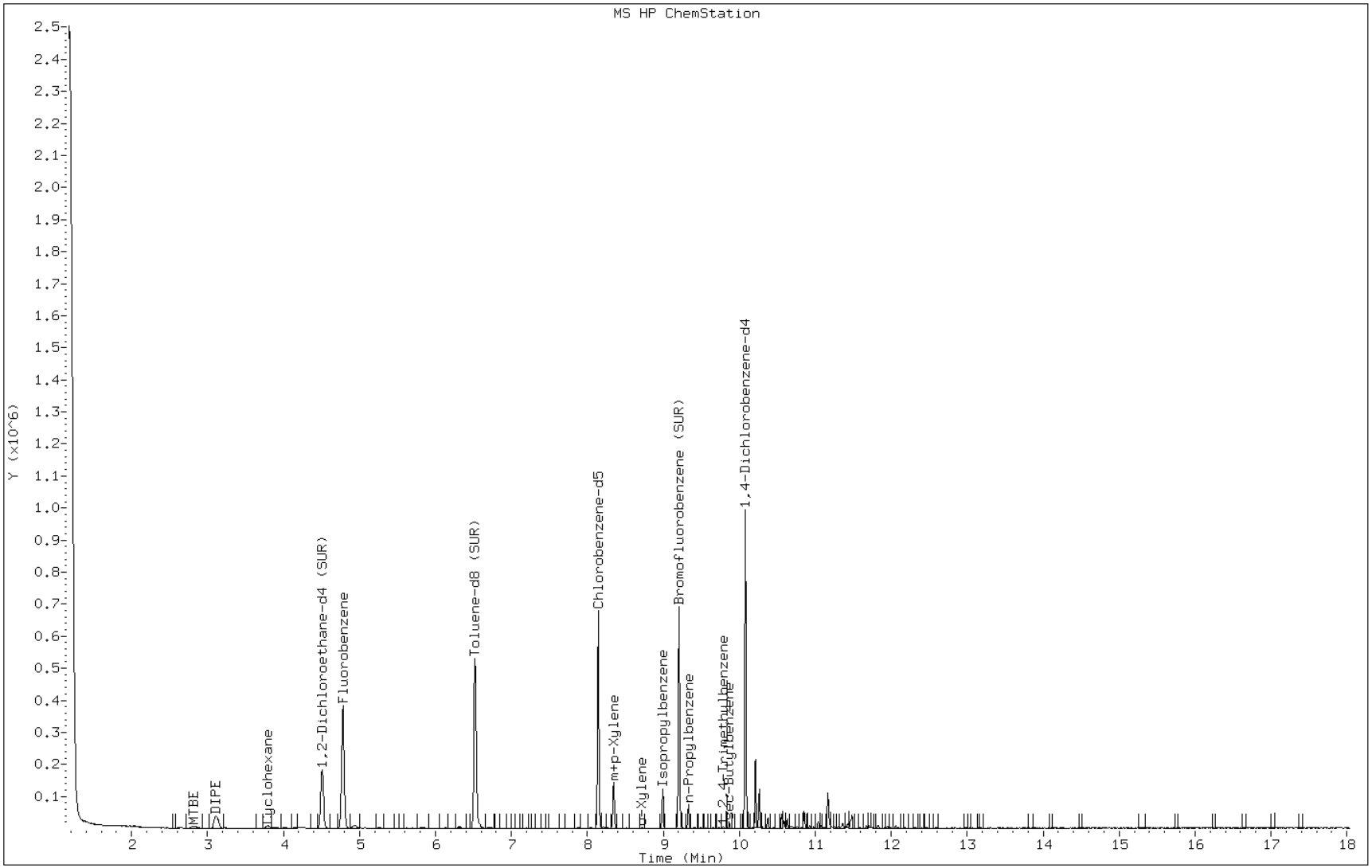
	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Indane				CAS #: 496-11-7			
10.217	246228	11.0584268	11	94	NIST02.l	8676	108
Diethylbenzene isomer				CAS #:			
10.264	130130	5.84429881	5.8	0		0	108
C10H12 Aromatic				CAS #:			
11.170	146794	6.59273957	6.6	0		0	108

Data File: d16914.d

Date: 05-MAR-2010 11:34

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-8 Operator:



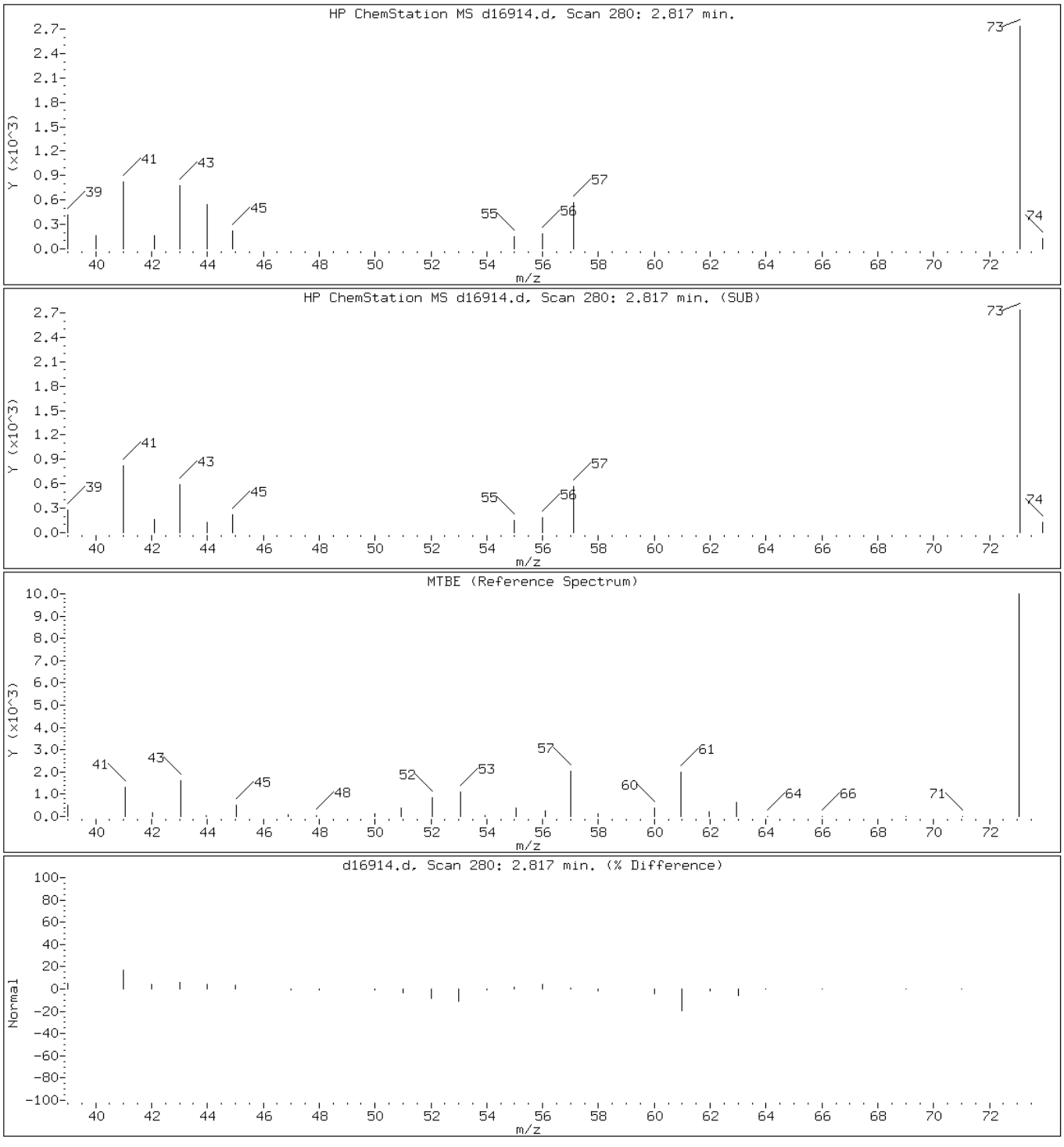
Data File: d16914.d

Date: 05-MAR-2010 11:34

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-8 Operator:

28 MTBE



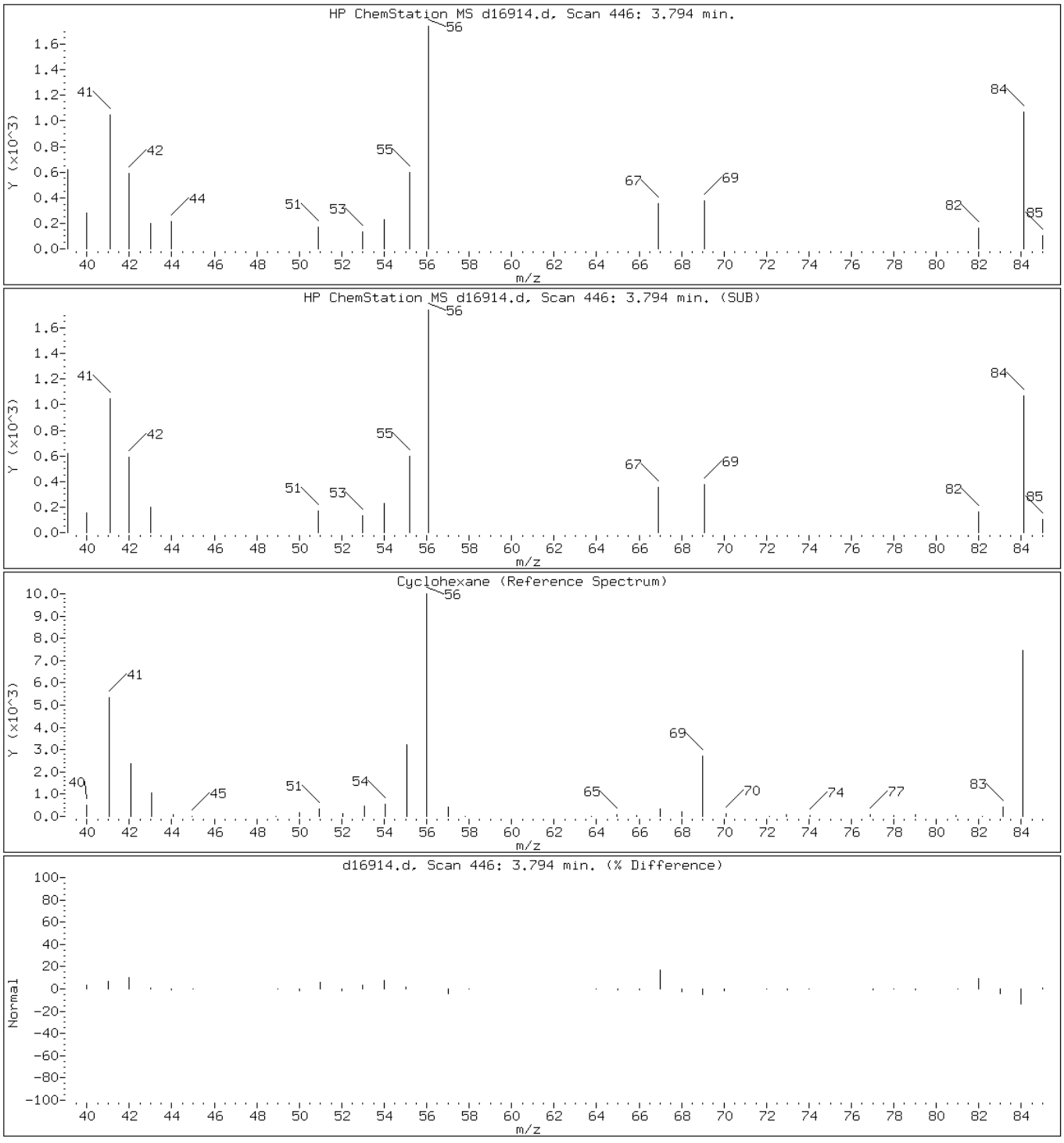
Data File: d16914.d

Date: 05-MAR-2010 11:34

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-8 Operator:

44 Cyclohexane



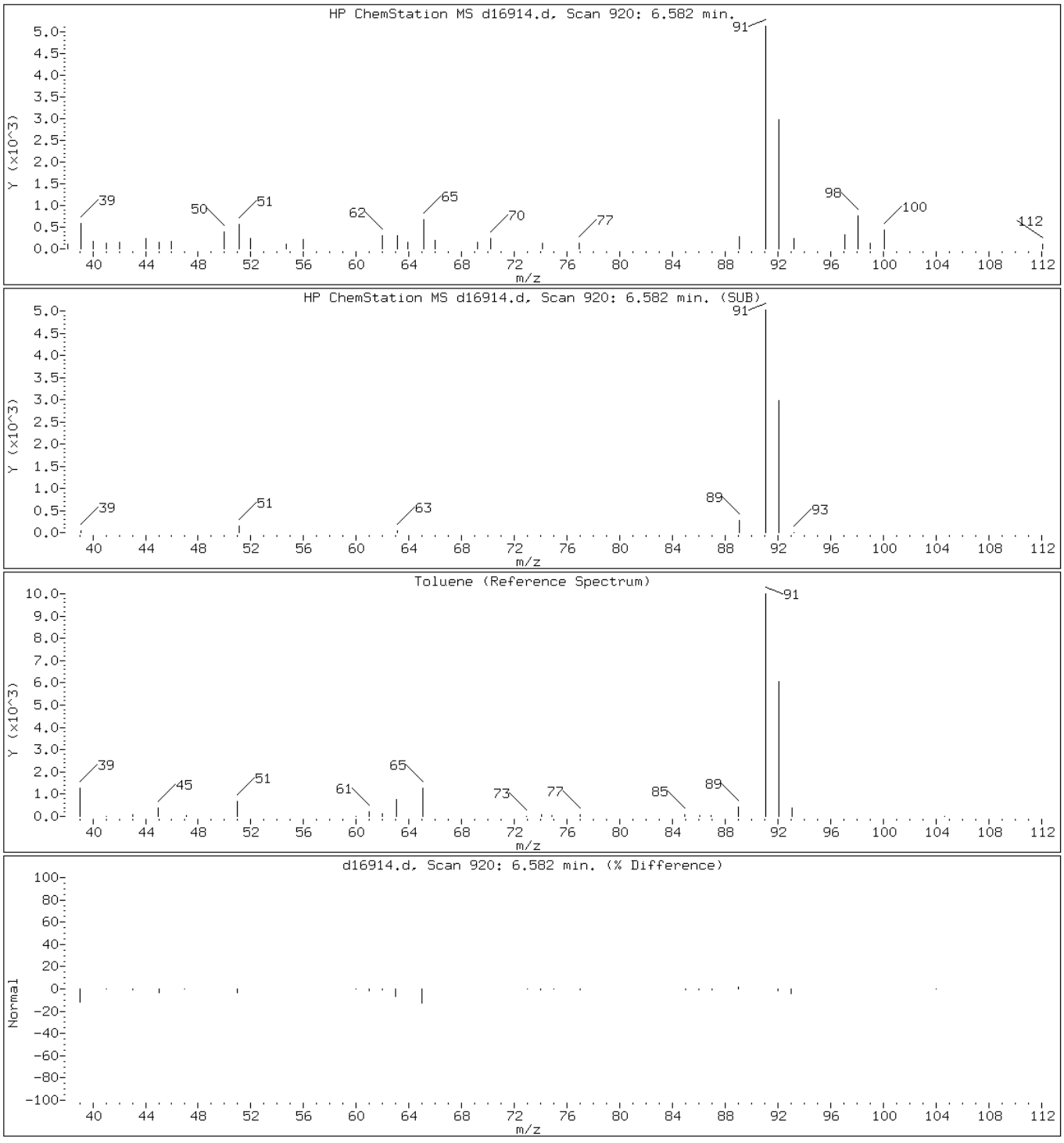
Data File: d16914.d

Date: 05-MAR-2010 11:34

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-8 Operator:

66 Toluene



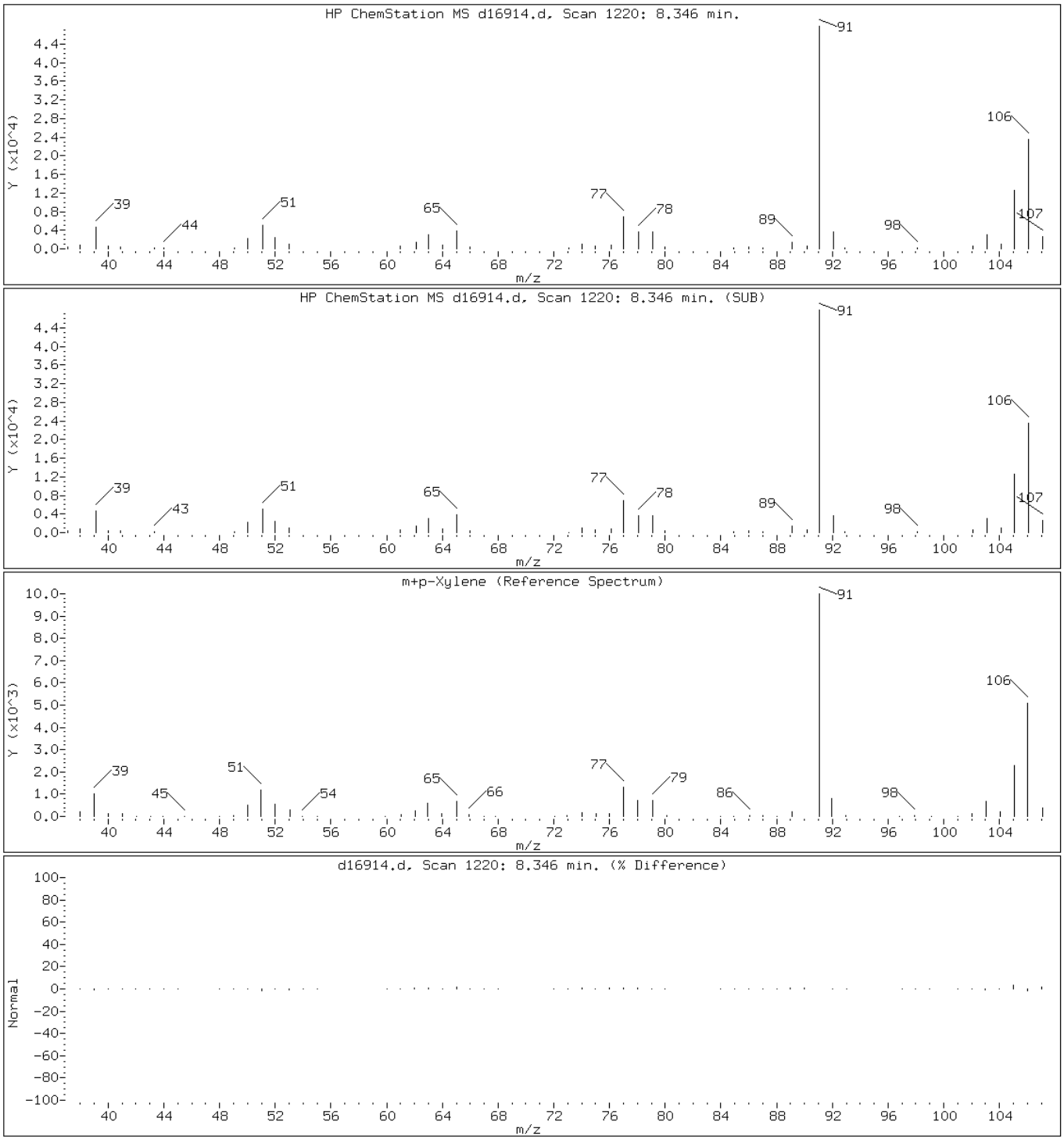
Data File: d16914.d

Date: 05-MAR-2010 11:34

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-8 Operator:

82 m+p-Xylene



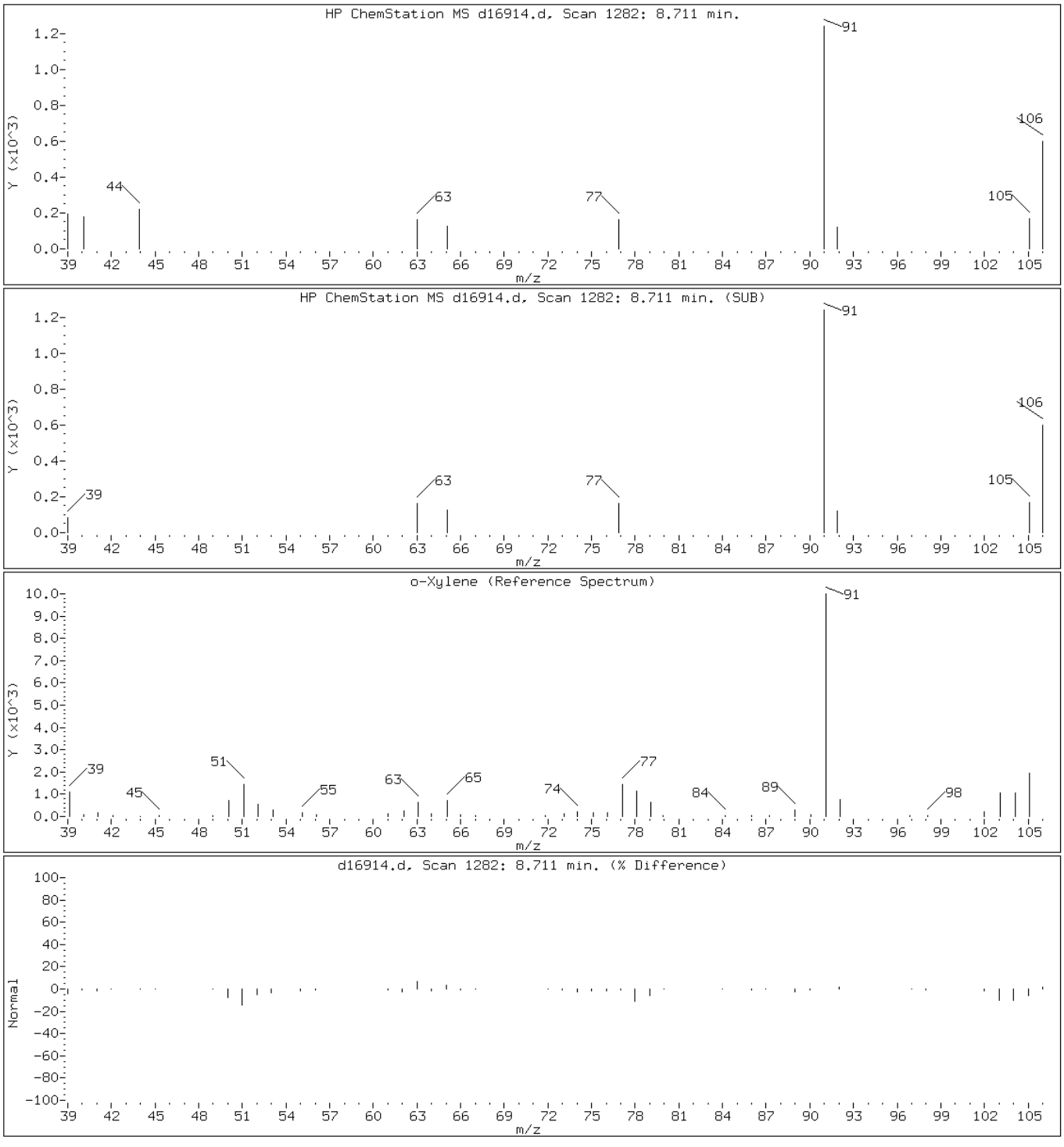
Data File: d16914.d

Date: 05-MAR-2010 11:34

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-8 Operator:

84 o-Xylene



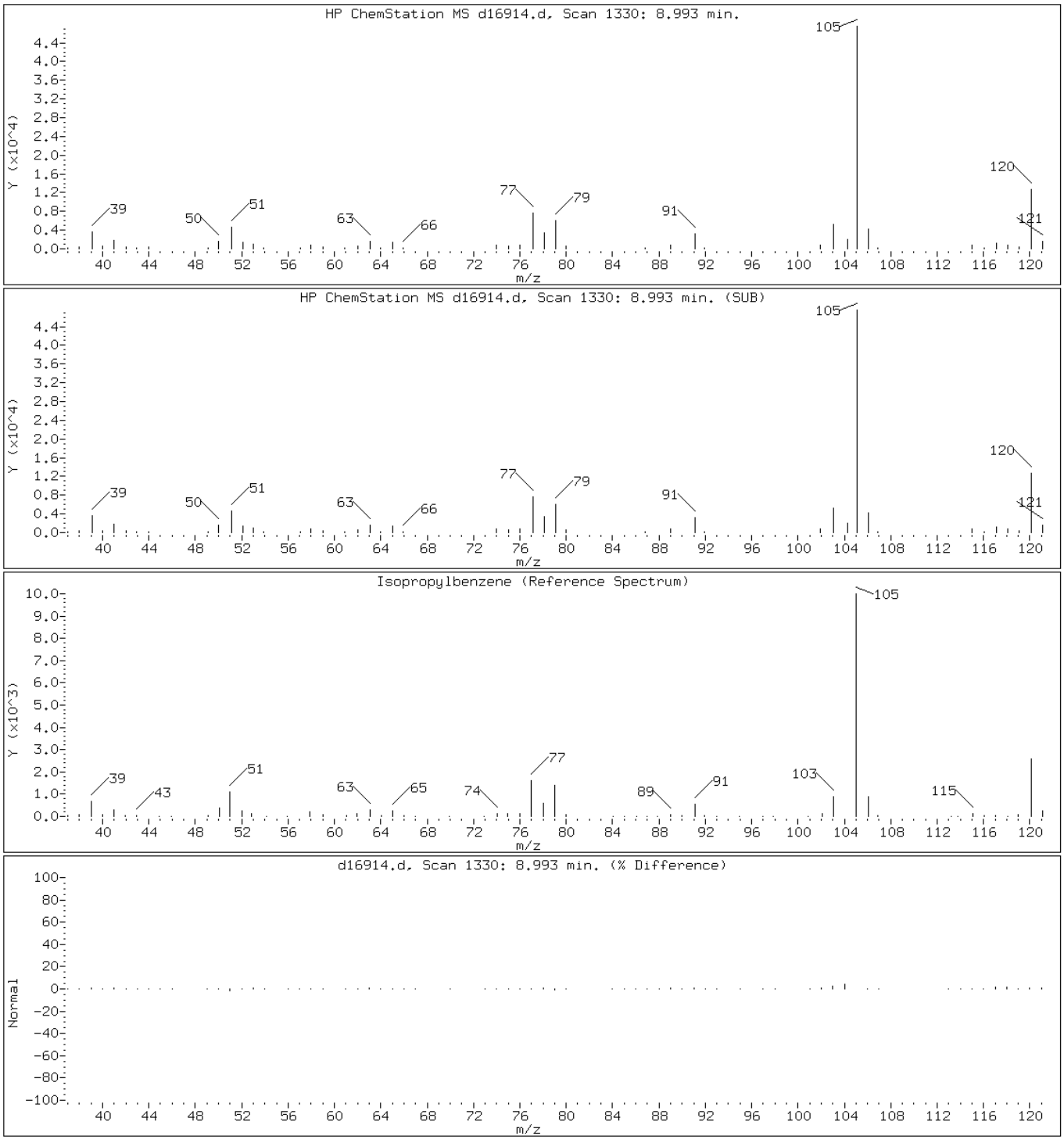
Data File: d16914.d

Date: 05-MAR-2010 11:34

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-8 Operator:

88 Isopropylbenzene



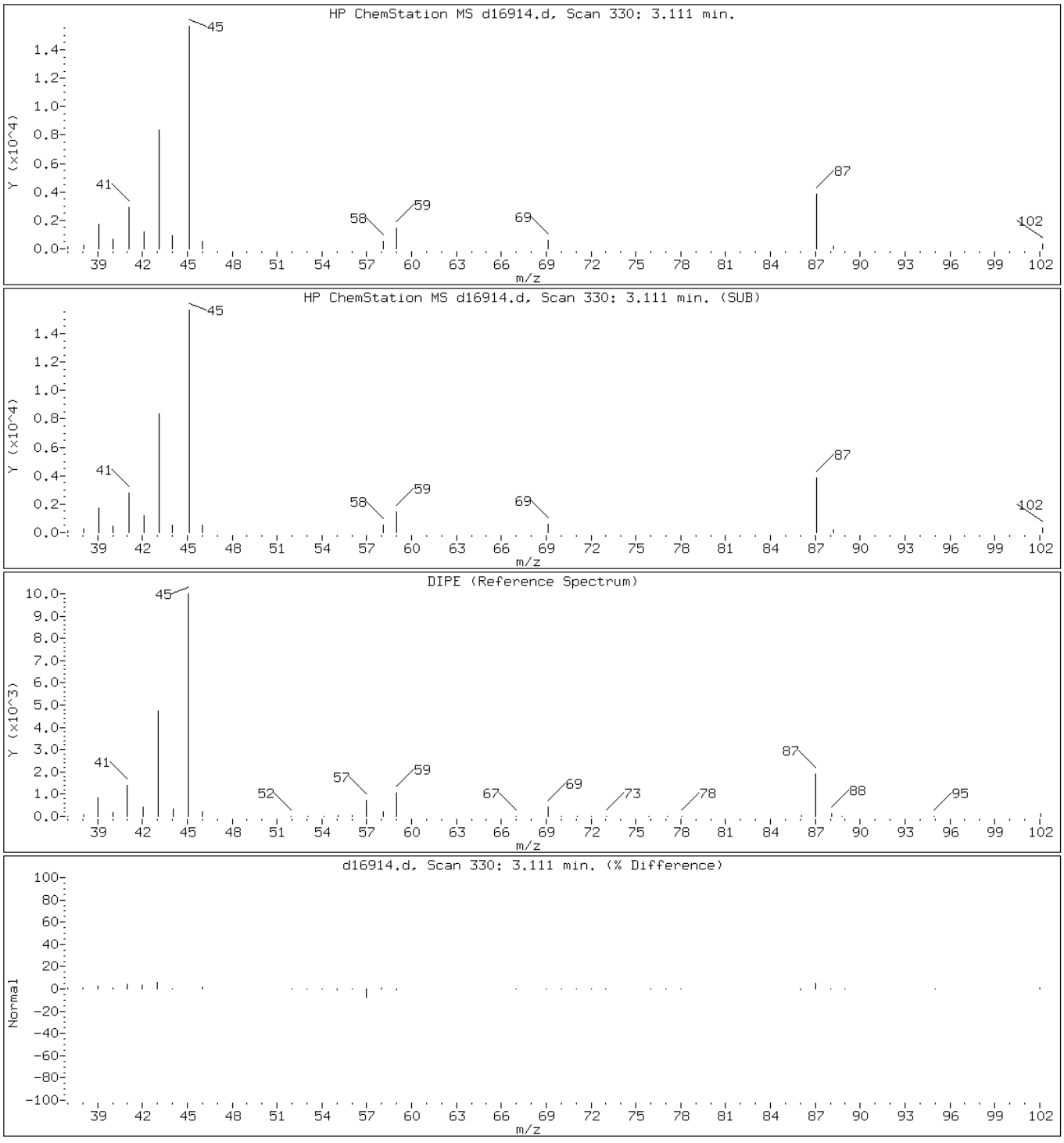
Data File: d16914.d

Date: 05-MAR-2010 11:34

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-8 Operator:

32 DIPE



Data File: d16914.d

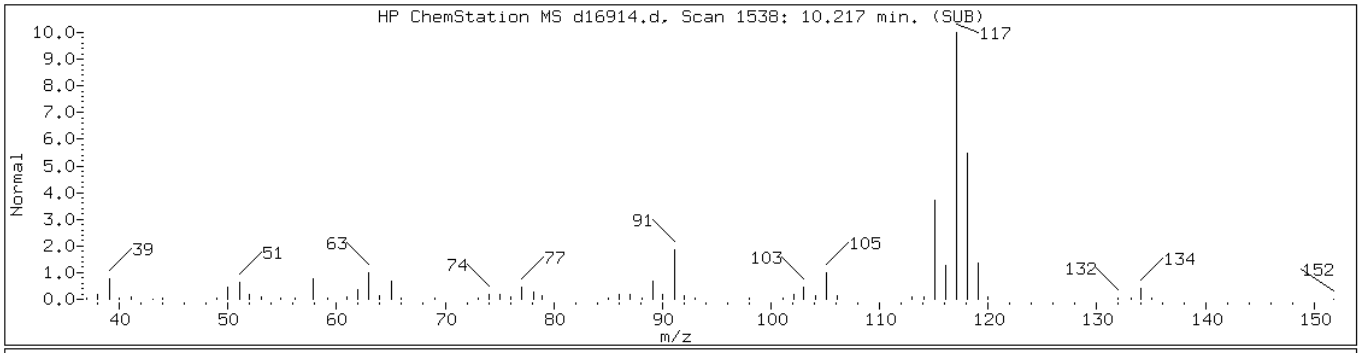
Date: 05-MAR-2010 11:34

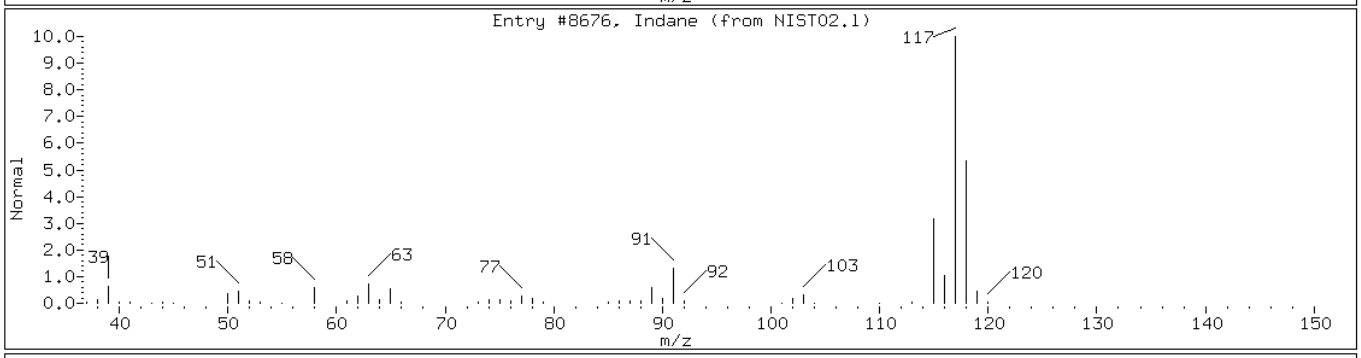
Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

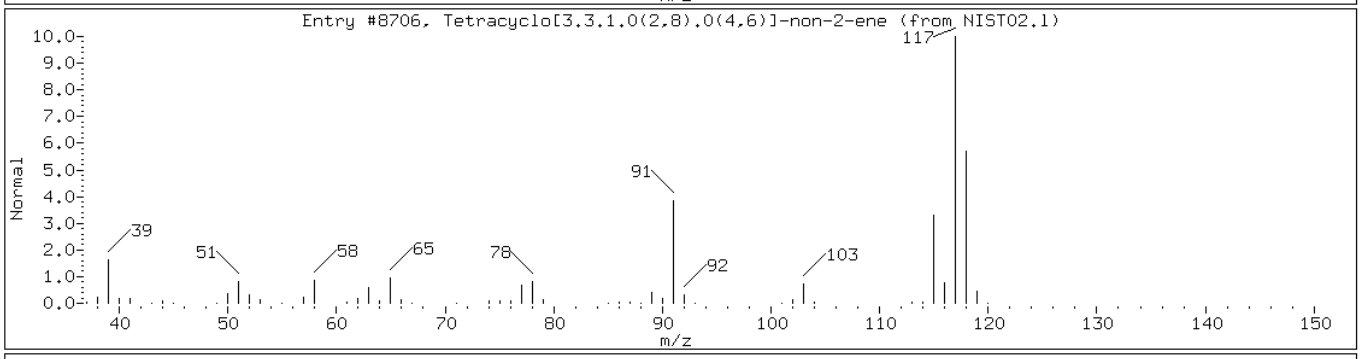
Sample Info: 460-10889-C-8 Operator:

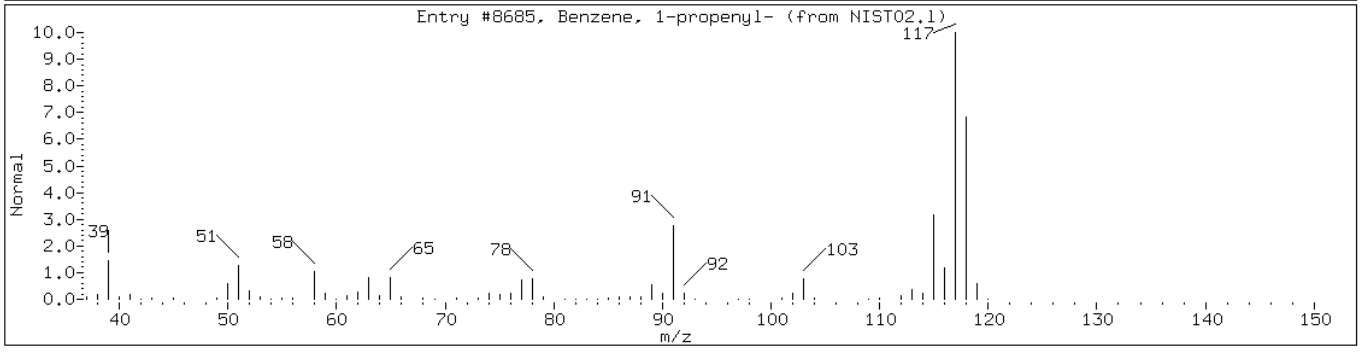
Retention Time: 10.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8676	94	C9H10	118
Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	1000191-13-7	NIST02.l	8706	64	C9H10	118
Benzene, 1-propenyl-	637-50-3	NIST02.l	8685	64	C9H10	118









Data File: d16914.d

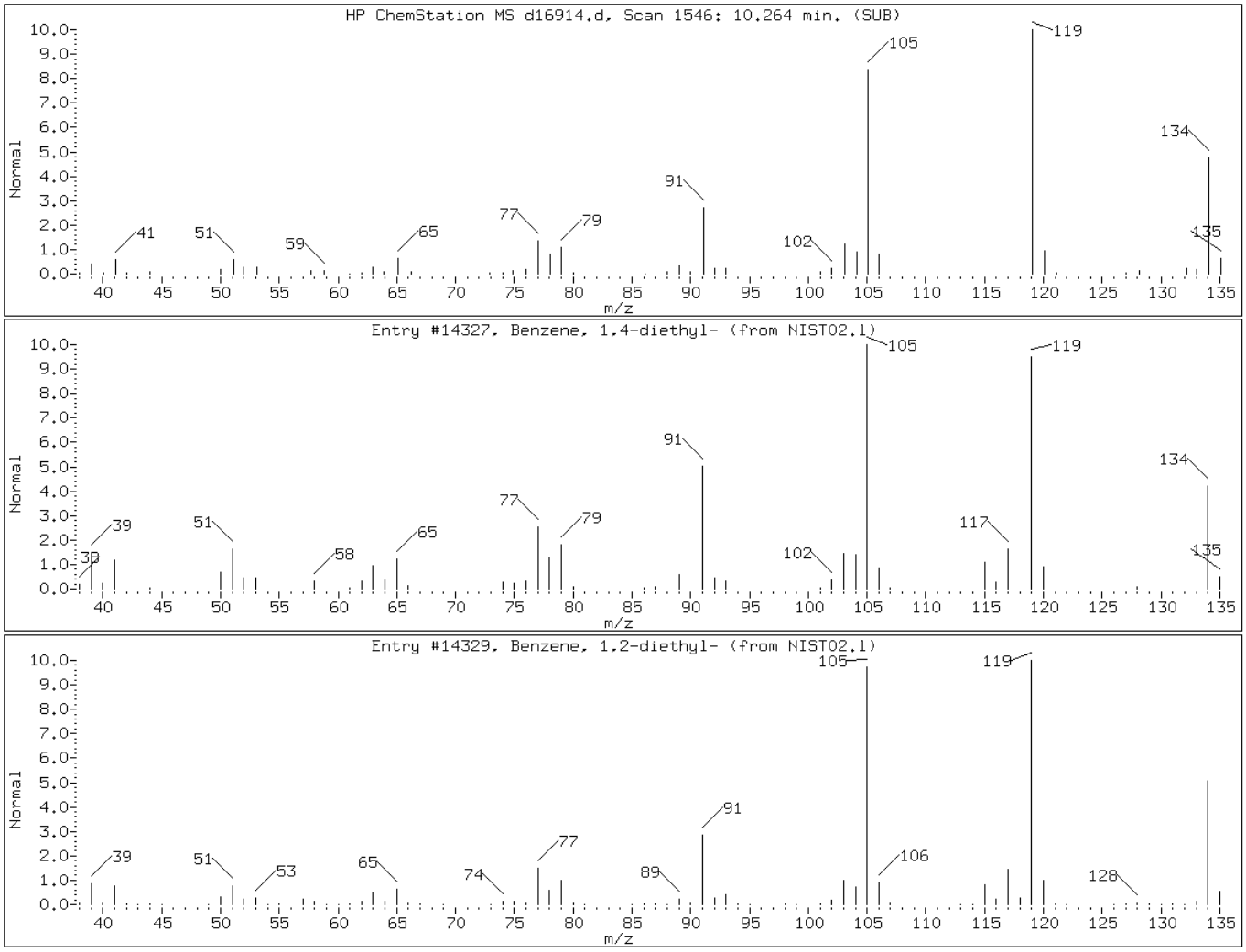
Date: 05-MAR-2010 11:34

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-8 Operator:

Retention Time: 10.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer						
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14327	95	C10H14	134
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14329	94	C10H14	134



Data File: d16914.d

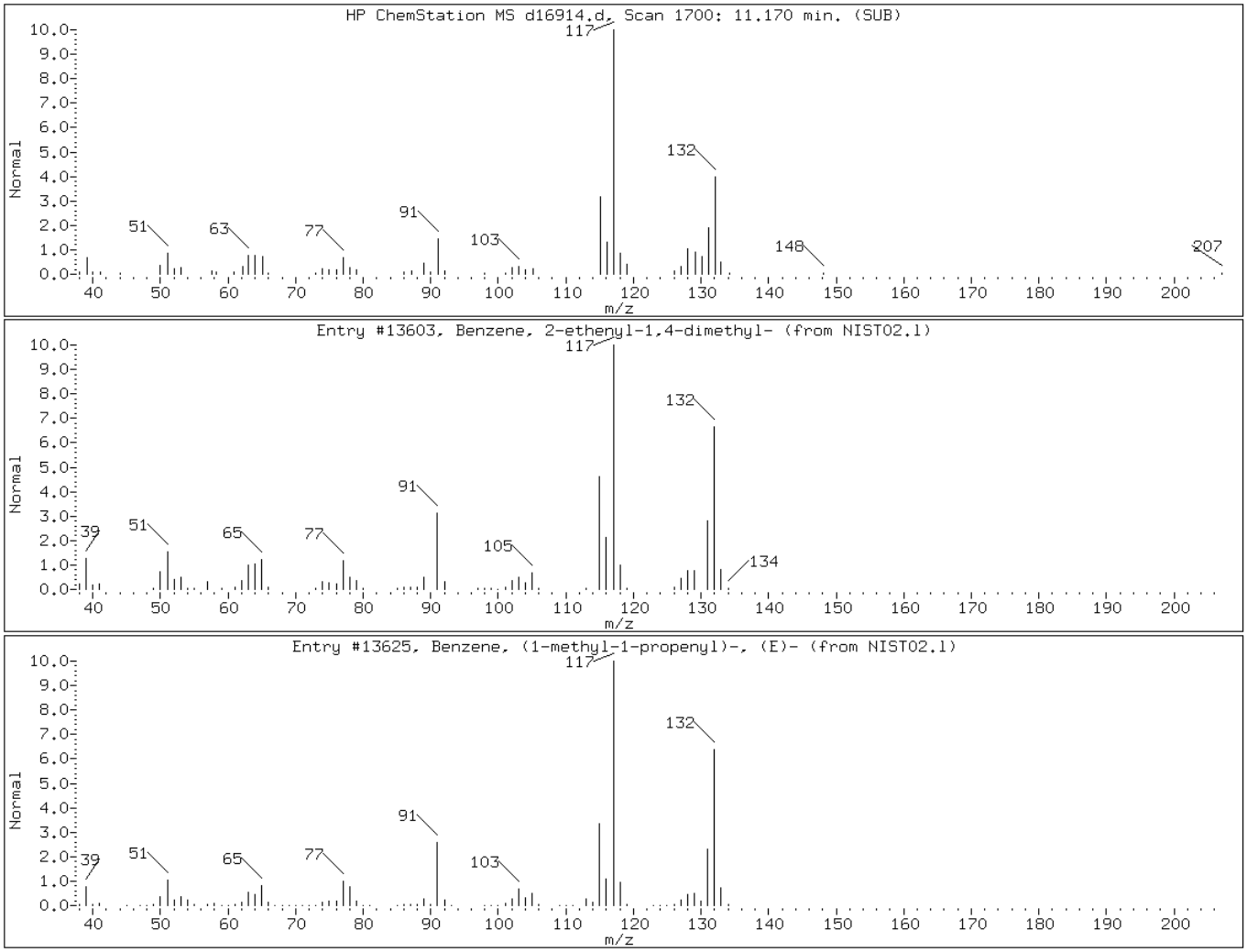
Date: 05-MAR-2010 11:34

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-8 Operator:

Retention Time: 11.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	96	C10H12	132
Benzene, (1-methyl-1-propenyl)-, (	768-00-3	NIST02.l	13625	90	C10H12	132



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-009 Lab Sample ID: 460-10889-9

Matrix: GW Lab File ID: d16922.d

Analysis Method: 8260B Date Collected: 03/02/2010 14:40

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 14:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	290		1.0	0.25
110-82-7	Cyclohexane	22		1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	8.3		1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	52		1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	41		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-009 | Lab Sample ID: 460-10889-9

Matrix: GW | Lab File ID: d16922.d

Analysis Method: 8260B | Date Collected: 03/02/2010 14:40

Sample wt/vol: 5(mL) | Date Analyzed: 03/05/2010 14:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 31311 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	920		3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	100		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89	70-122	
460-00-4	4-Bromofluorobenzene	95	69-135	
2037-26-5	Toluene-d8 (Surr)	96	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-009 Lab Sample ID: 460-10889-9

Matrix: GW Lab File ID: d16922.d

Analysis Method: 8260B Date Collected: 03/02/2010 14:40

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 14:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

Number TICs Found: 10 TIC Result Total: 173.1

CAS NO.	COMPOUND NAME	RT	RESULT	Q
108-20-3	Isopropyl ether	3.11	17	
	C8H16 Cycloalkane	6.09	11	T J
103-65-1	N-Propylbenzene	9.33	43	
95-63-6	1,2,4-Trimethylbenzene	9.79	7.4	
	C9H10 Aromatic	10.22	16	T J
	Ethyldimethylbenzene isomer	10.56	18	T J
	C10H12 Aromatic	10.63	13	T J
	Tetramethylbenzene isomer	10.85	12	T J
	C10H12 Aromatic-1	11.17	27	T J
	C11H14 Aromatic-1	11.49	8.7	T J

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16922.d
Report Date: 11-Mar-2010 10:32

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16922.d
Lab Smp Id: 460-10889-C-9 Client Smp ID: GW-017338-030210-RA
Inj Date : 05-MAR-2010 14:48
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-9
Misc Info : 460-10889-C-9
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 20:36 eddie Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	32 DIPE	45	3.111	3.117	(0.651)	204606	17.2619	17
	44 Cyclohexane	56	3.799	3.794	(0.795)	104994	22.3905	22
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.511	4.500	(0.943)	21471	44.4859	44
	48 Benzene	78	4.376	4.370	(0.537)	103570	8.27137	8.3
*	52 Fluorobenzene	96	4.782	4.776	(1.000)	472444	50.0000	
	56 Methyl cyclohexane	83	4.935	4.923	(1.032)	280293	51.7336	52
$	65 Toluene-d8 (SUR)	98	6.523	6.517	(0.801)	444580	48.1861	48
	66 Toluene	91	6.582	6.576	(0.808)	515835	41.3582	41
*	78 Chlorobenzene-d5	117	8.146	8.140	(1.000)	345364	50.0000	
	81 Ethylbenzene	106	8.211	8.205	(1.008)	1157282	286.926	290
	82 m+p-Xylene	106	8.352	8.346	(1.025)	4327996	856.803	860
	84 o-Xylene	106	8.717	8.717	(1.070)	328864	66.5859	66
	88 Isopropylbenzene	105	8.993	8.987	(1.104)	1378247	101.988	100
$	89 Bromofluorobenzene (SUR)	174	9.211	9.205	(0.914)	150651	47.7065	48
	95 n-Propylbenzene	91	9.328	9.329	(0.925)	674282	43.3885	43
	97 1,3,5-Trimethylbenzene	105	9.493	9.493	(0.942)	15108	1.35465	1.4

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16922.d
Report Date: 11-Mar-2010 10:32

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	100 tert-Butylbenzene	119	9.740	9.734	(0.966)	2160	0.24491	0.24(a)
	101 1,2,4-Trimethylbenzene	105	9.793	9.793	(0.971)	86951	7.35320	7.4
	103 sec-Butylbenzene	105	9.875	9.870	(0.980)	11126	0.78166	0.78(a)
*	108 1,4-Dichlorobenzene-d4	152	10.081	10.076	(1.000)	190248	50.0000	
	106 n-Butylbenzene	91	10.305	10.299	(1.022)	6959	0.35940	0.36(a)
	116 Naphthalene	128	11.705	11.705	(1.161)	32379	3.04400	3.0
M	121 Xylene (Total)	100				4656860	923.389	920

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16922.d
Report Date: 11-Mar-2010 10:32

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16922.d
Lab Smp Id: 460-10889-C-9 Client Smp ID: GW-017338-030210-RA
Inj Date : 05-MAR-2010 14:48
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-9
Misc Info : 460-10889-C-9
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 20:36 eddie Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 52 Fluorobenzene	4.782	1043222	50.000
* 78 Chlorobenzene-d5	8.146	1117851	50.000
* 108 1,4-Dichlorobenzene-d4	10.081	1228582	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
C8H16 Cycloalkane					CAS #:		
6.093	234860	11.2564515	11	0	0		52
C8H16 Cycloalkane-1					CAS #:		
7.240	123525	5.52509736	5.5	0	0		78

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16922.d
Report Date: 11-Mar-2010 10:32

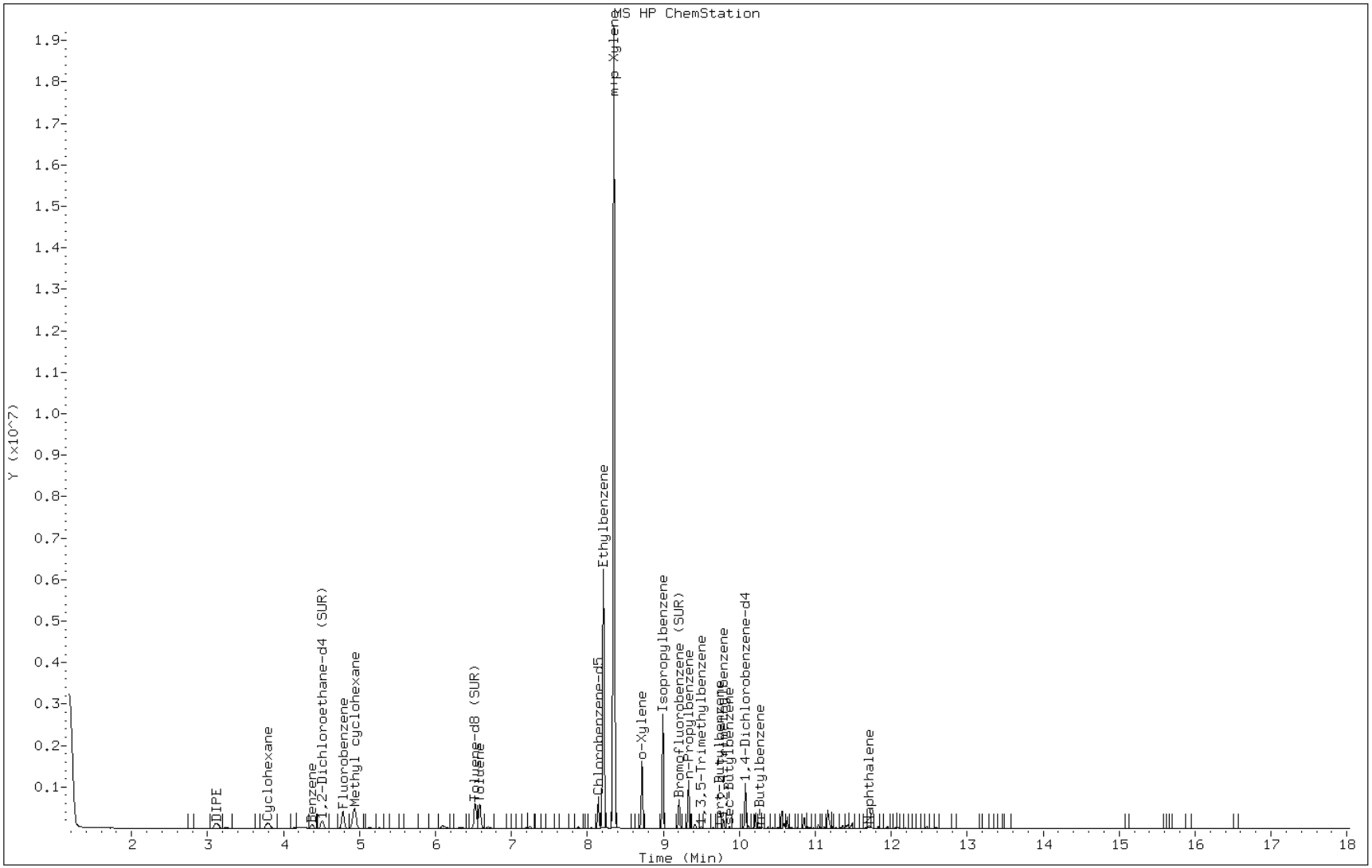
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethylmethylbenzene isomer					CAS #:		
9.417	161145	6.55816192	6.6	0		0	108
C9H10 Aromatic					CAS #:		
10.217	389478	15.8507045	16	0		0	108
Ethyldimethylbenzene isomer					CAS #:		
10.564	453698	18.4642891	18	0		0	108
C10H12 Aromatic					CAS #:		
10.634	324200	13.1940688	13	0		0	108
Tetramethylbenzene isomer					CAS #:		
10.852	288608	11.7455494	12	0		0	108
C10H12 Aromatic-1					CAS #:		
11.170	656905	26.7342695	27	0		0	108
C11H14 Aromatic					CAS #:		
11.428	151912	6.18241309	6.2	0		0	108
C11H14 Aromatic-1					CAS #:		
11.487	213652	8.69503872	8.7	0		0	108

Data File: d16922.d

Date: 05-MAR-2010 14:48

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-9 Operator:



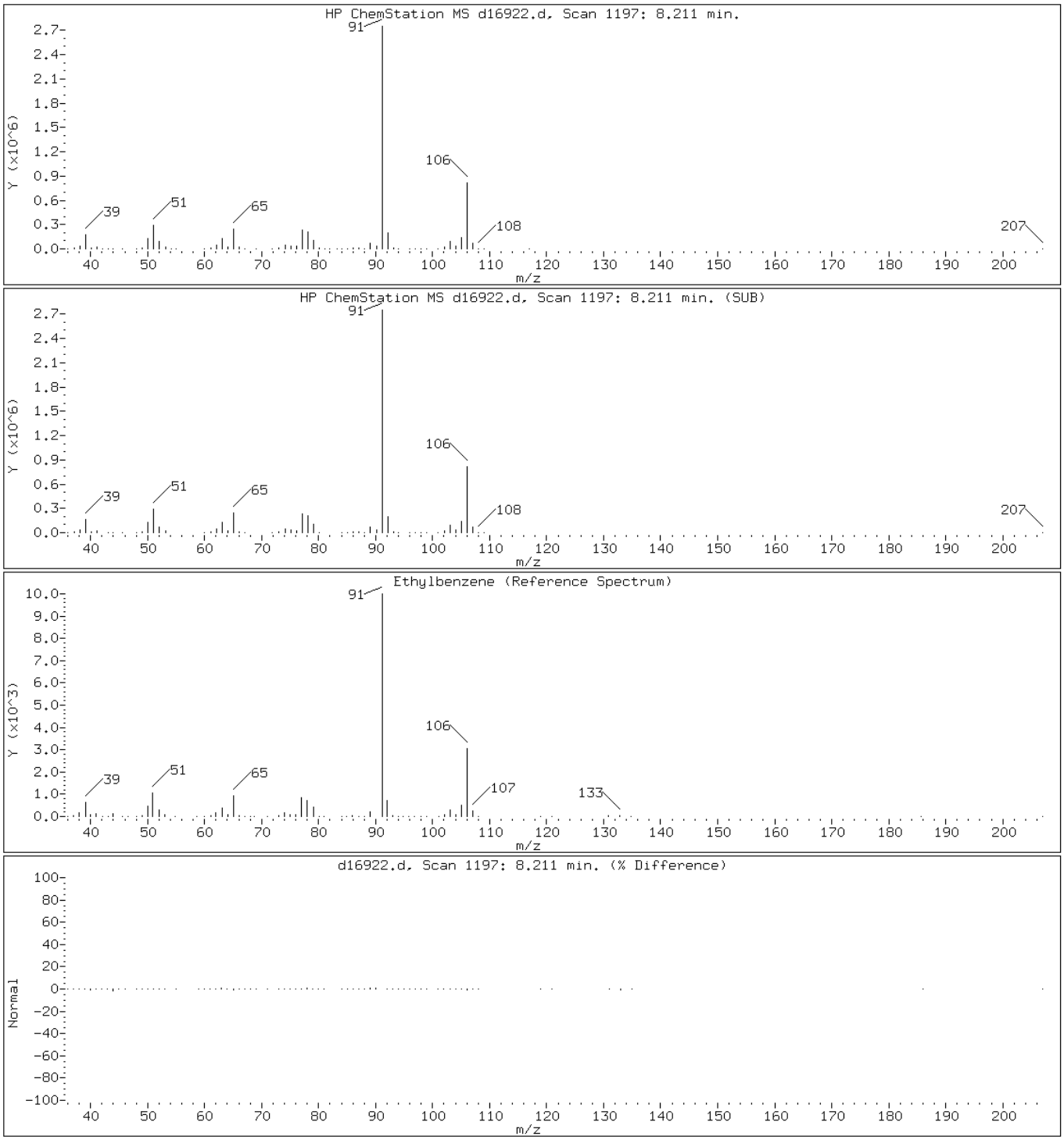
Data File: d16922.d

Date: 05-MAR-2010 14:48

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-9 Operator:

81 Ethylbenzene



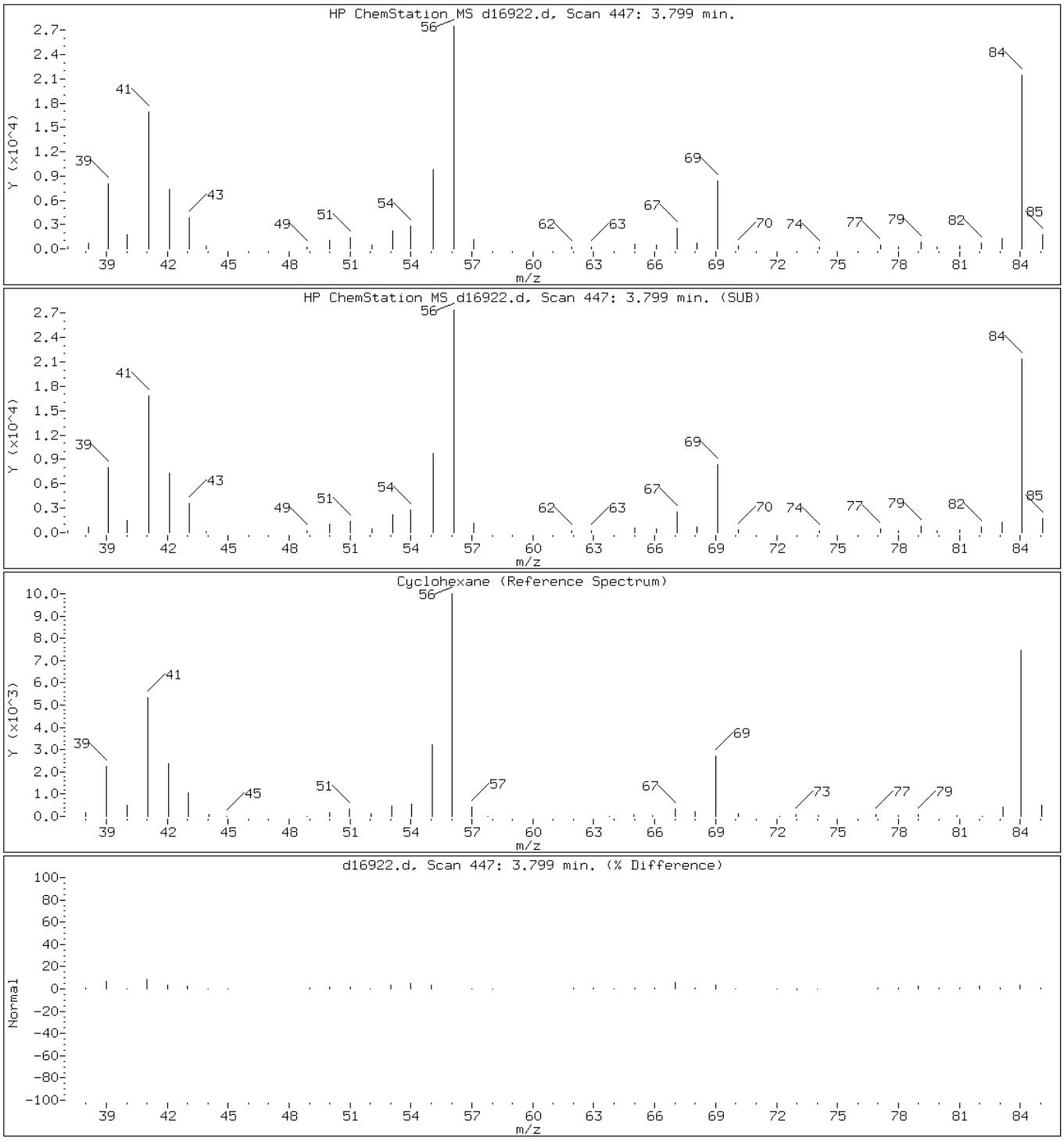
Data File: d16922.d

Date: 05-MAR-2010 14:48

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-9 Operator:

44 Cyclohexane



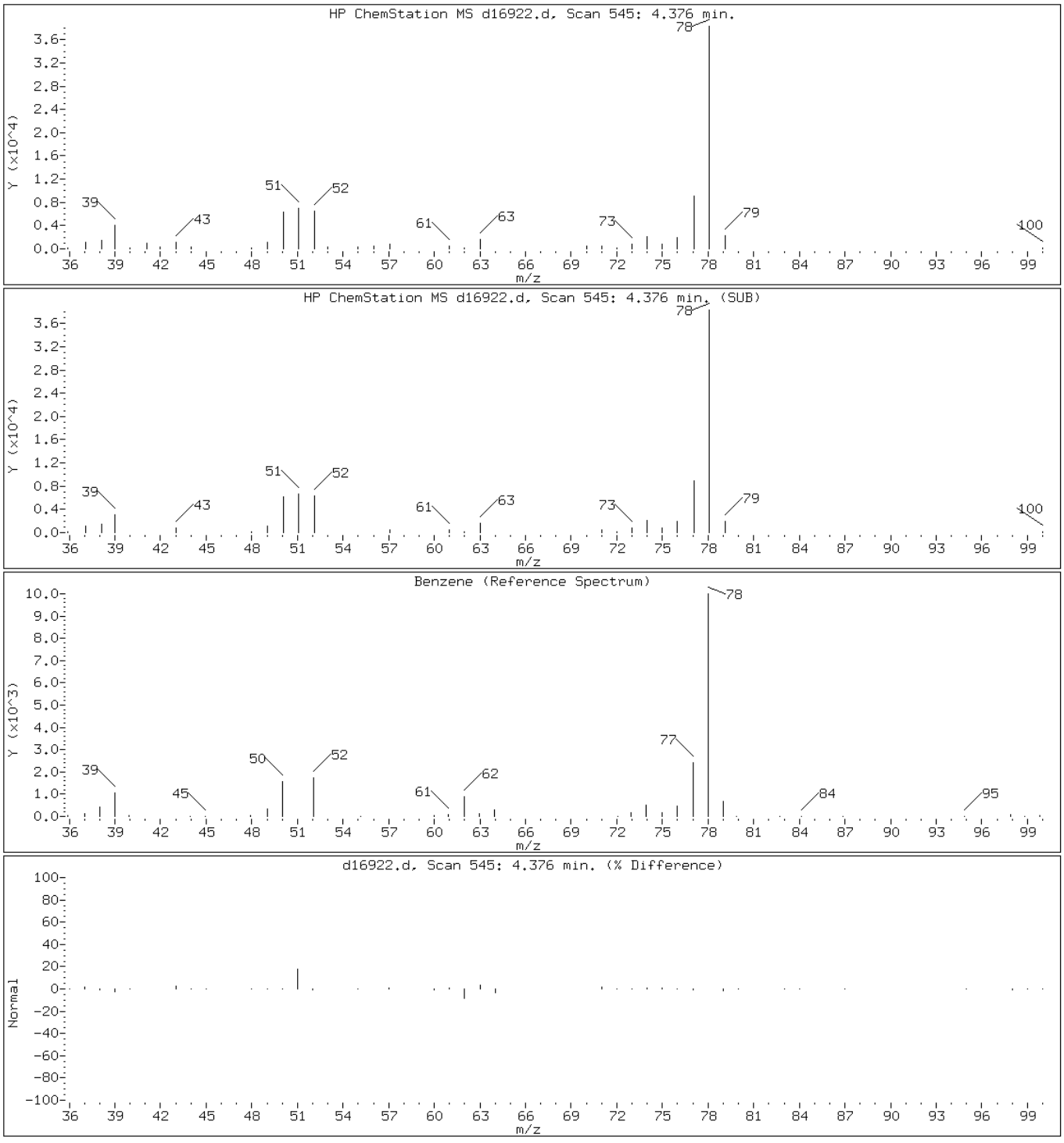
Data File: d16922.d

Date: 05-MAR-2010 14:48

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-9 Operator:

48 Benzene



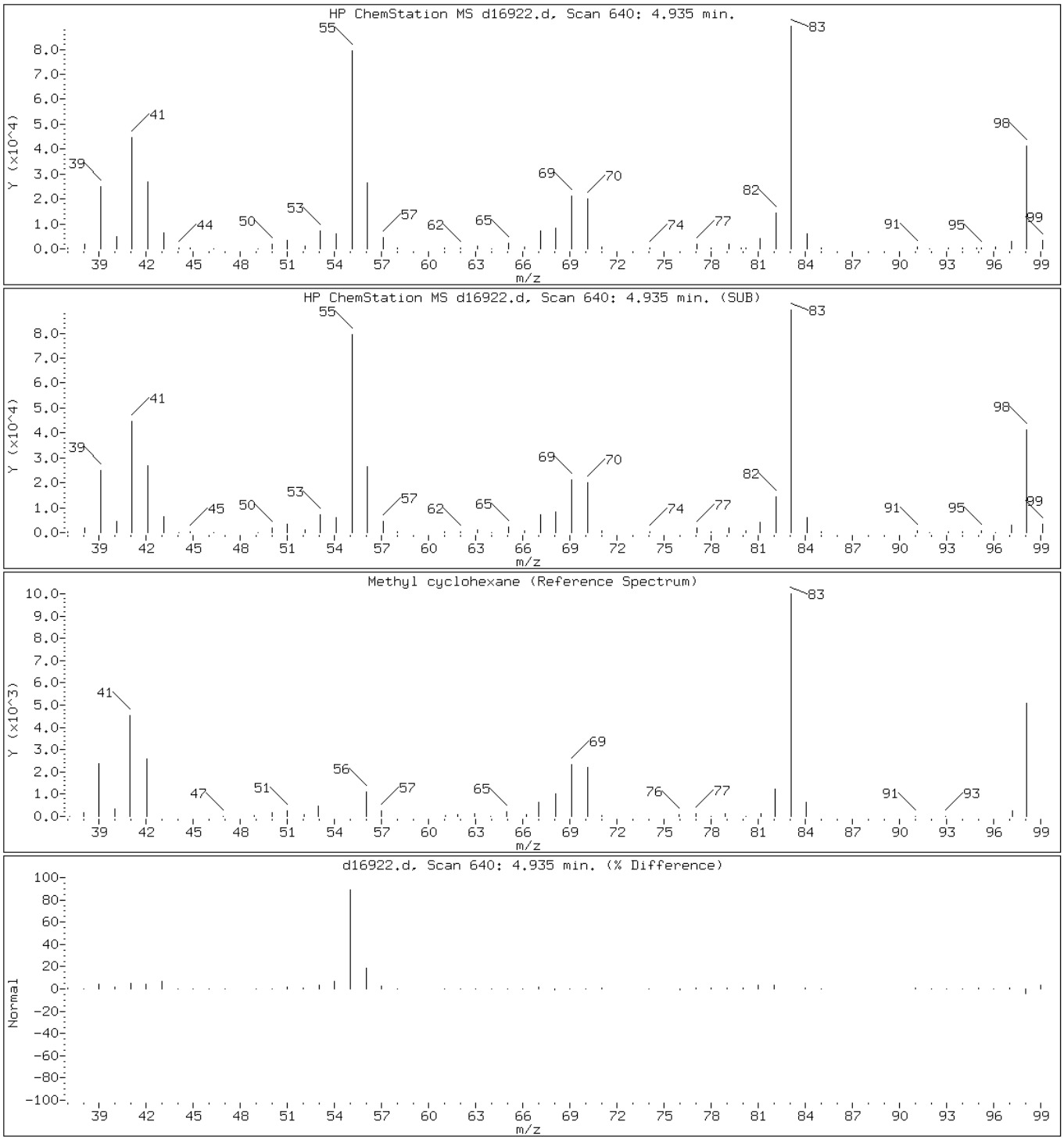
Data File: d16922.d

Date: 05-MAR-2010 14:48

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-9 Operator:

56 Methyl cyclohexane



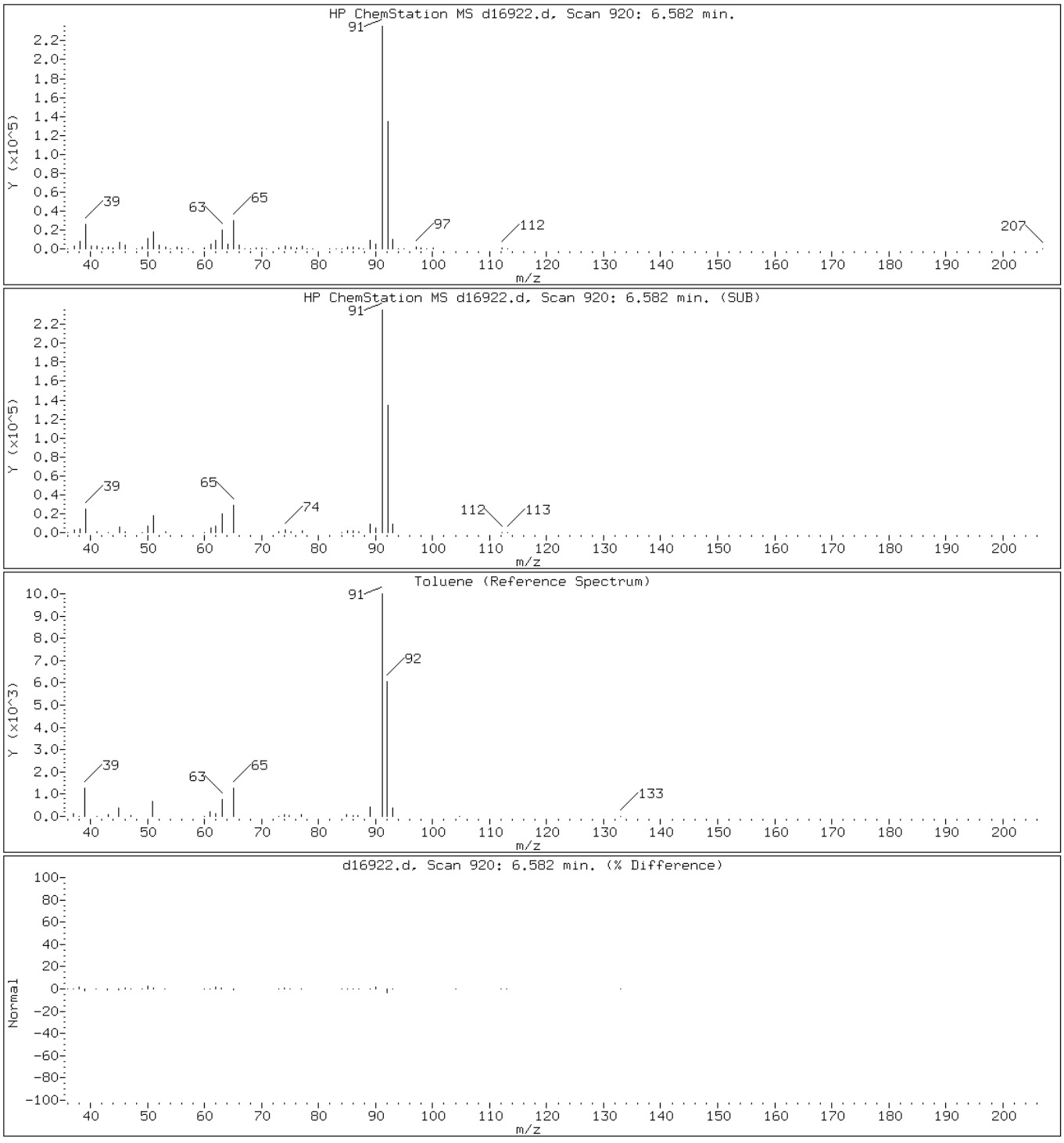
Data File: d16922.d

Date: 05-MAR-2010 14:48

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-9 Operator:

66 Toluene



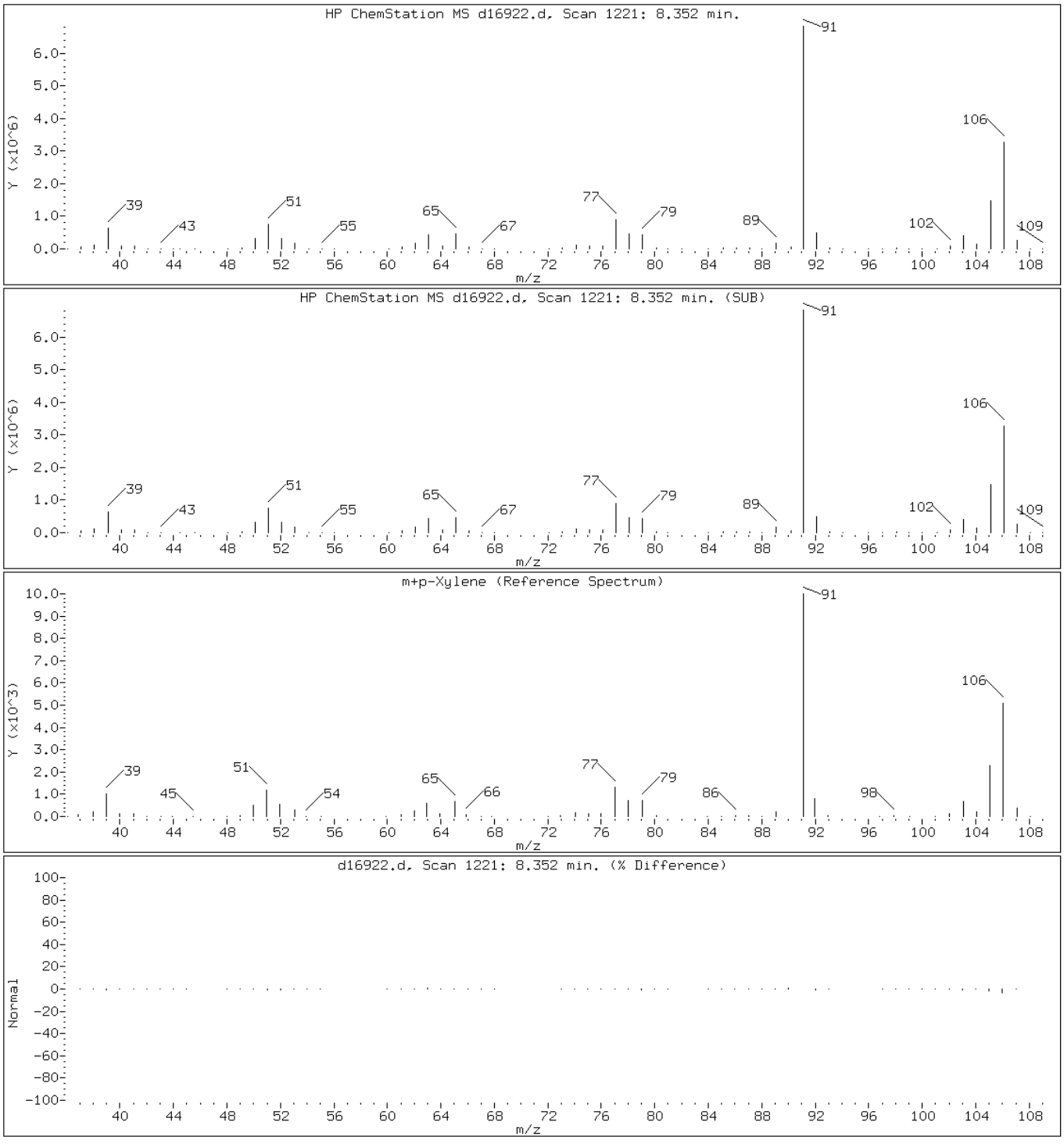
Data File: d16922.d

Date: 05-MAR-2010 14:48

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-9 Operator:

82 m+p-Xylene



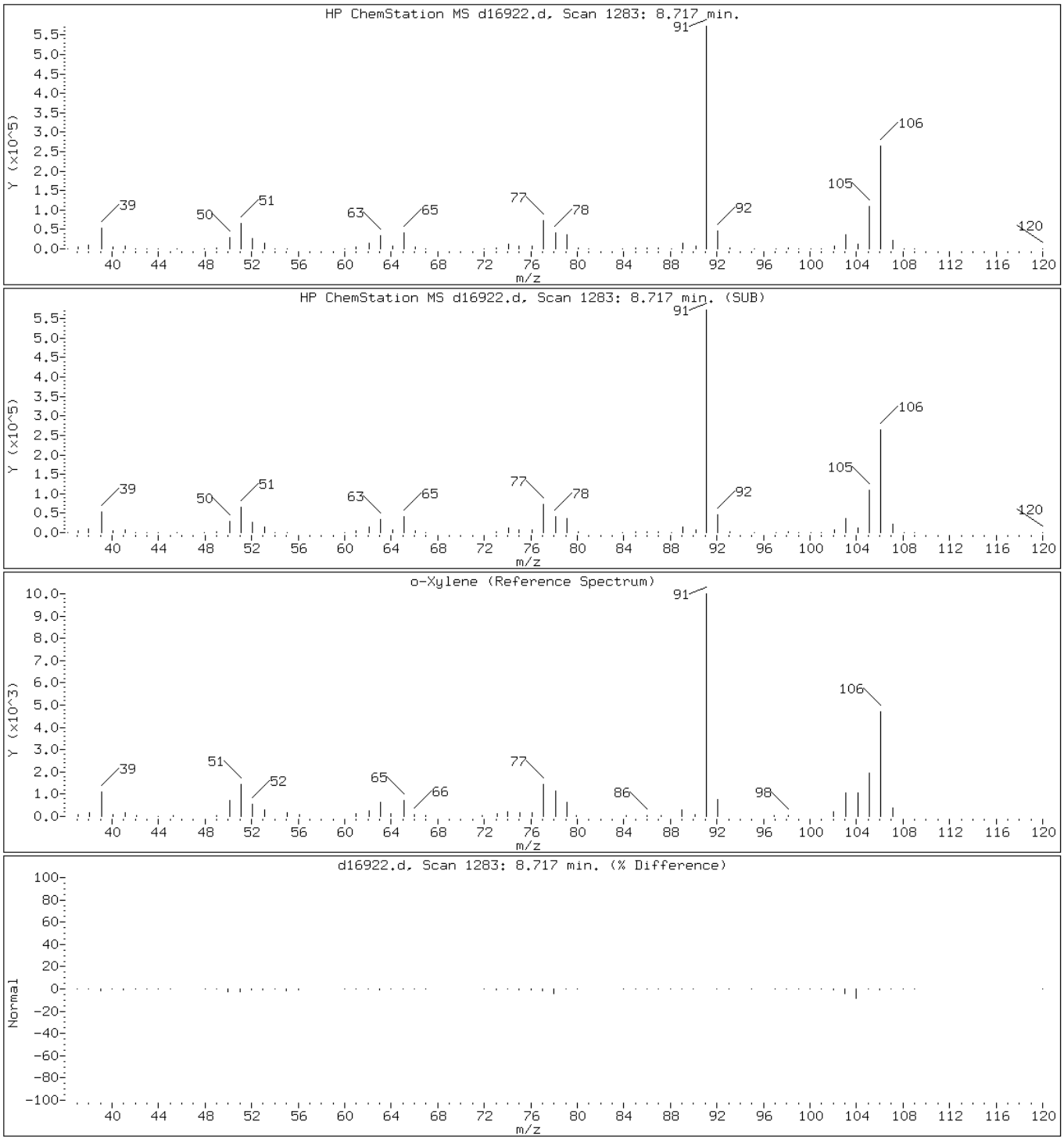
Data File: d16922.d

Date: 05-MAR-2010 14:48

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-9 Operator:

84 o-Xylene



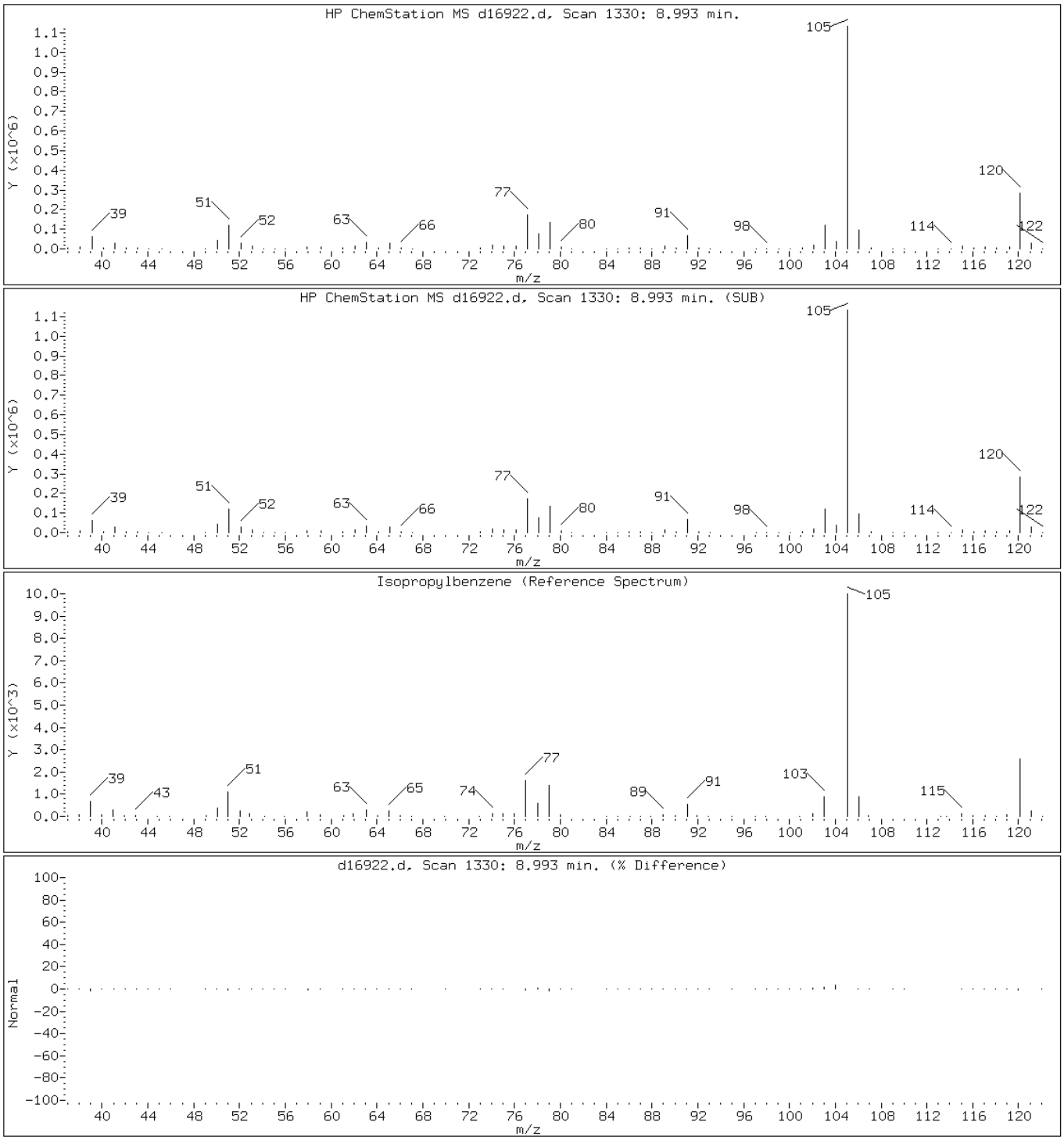
Data File: d16922.d

Date: 05-MAR-2010 14:48

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-9 Operator:

88 Isopropylbenzene



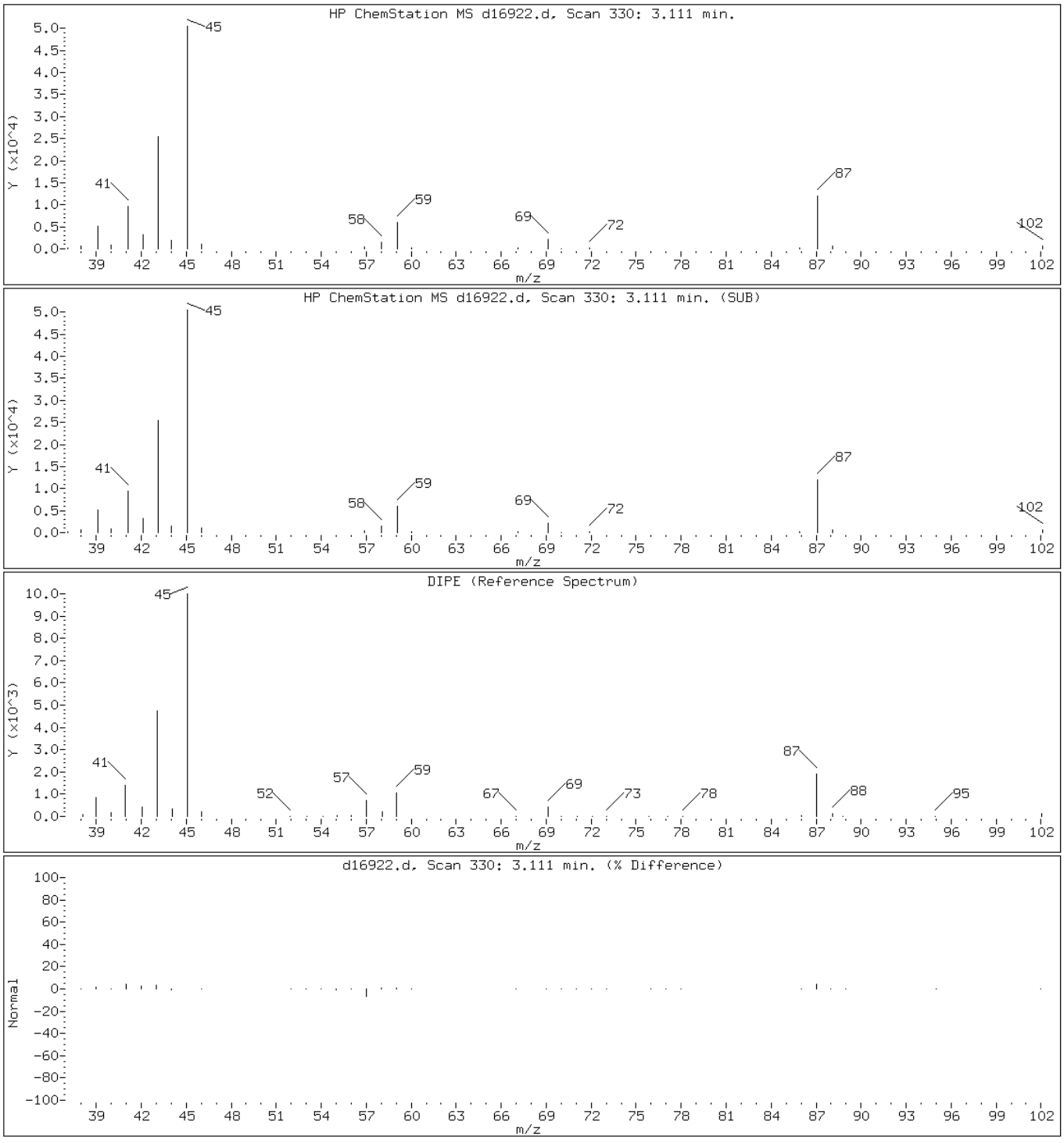
Data File: d16922.d

Date: 05-MAR-2010 14:48

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-9 Operator:

32 DIPE



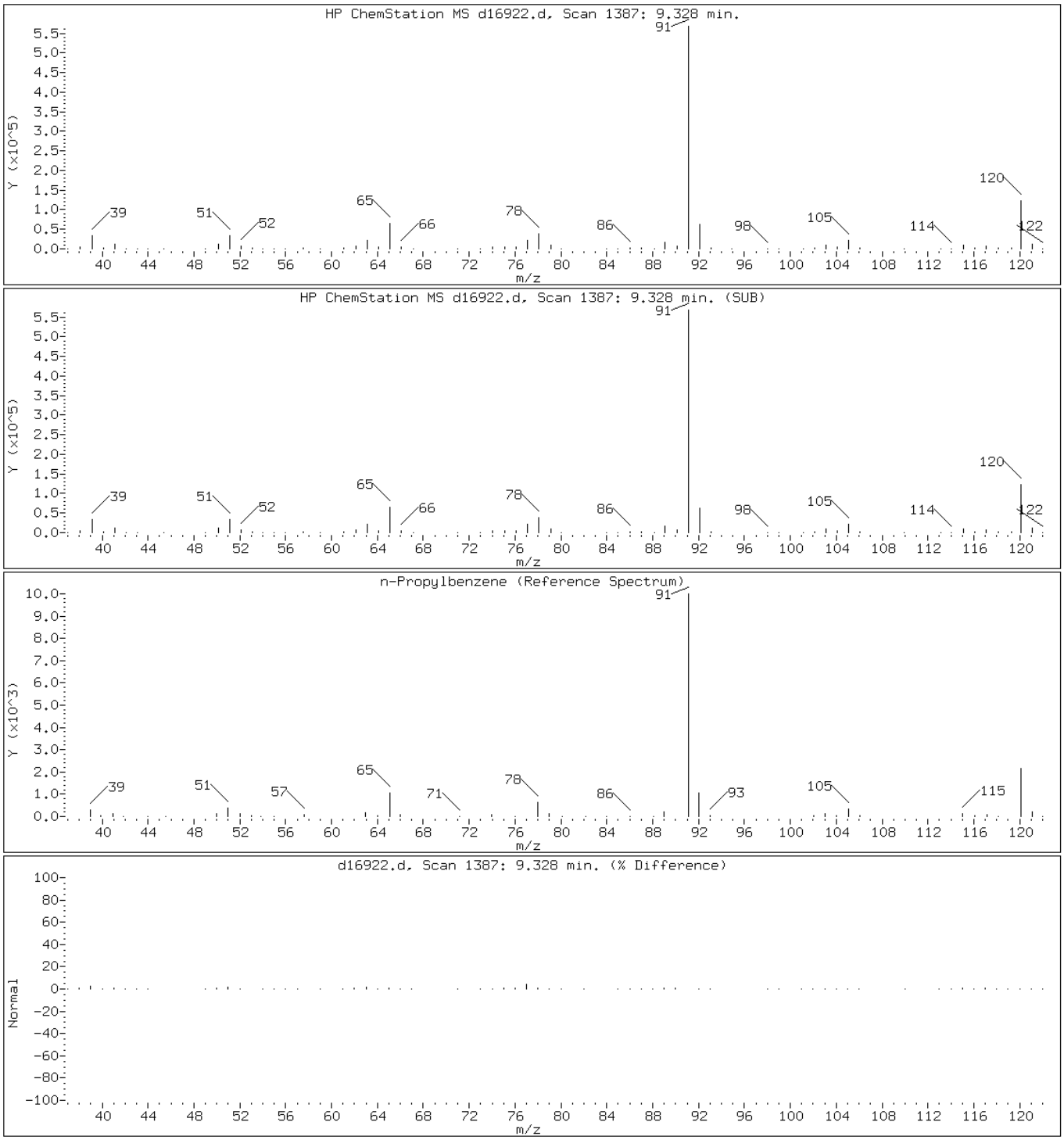
Data File: d16922.d

Date: 05-MAR-2010 14:48

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-9 Operator:

95 n-Propylbenzene



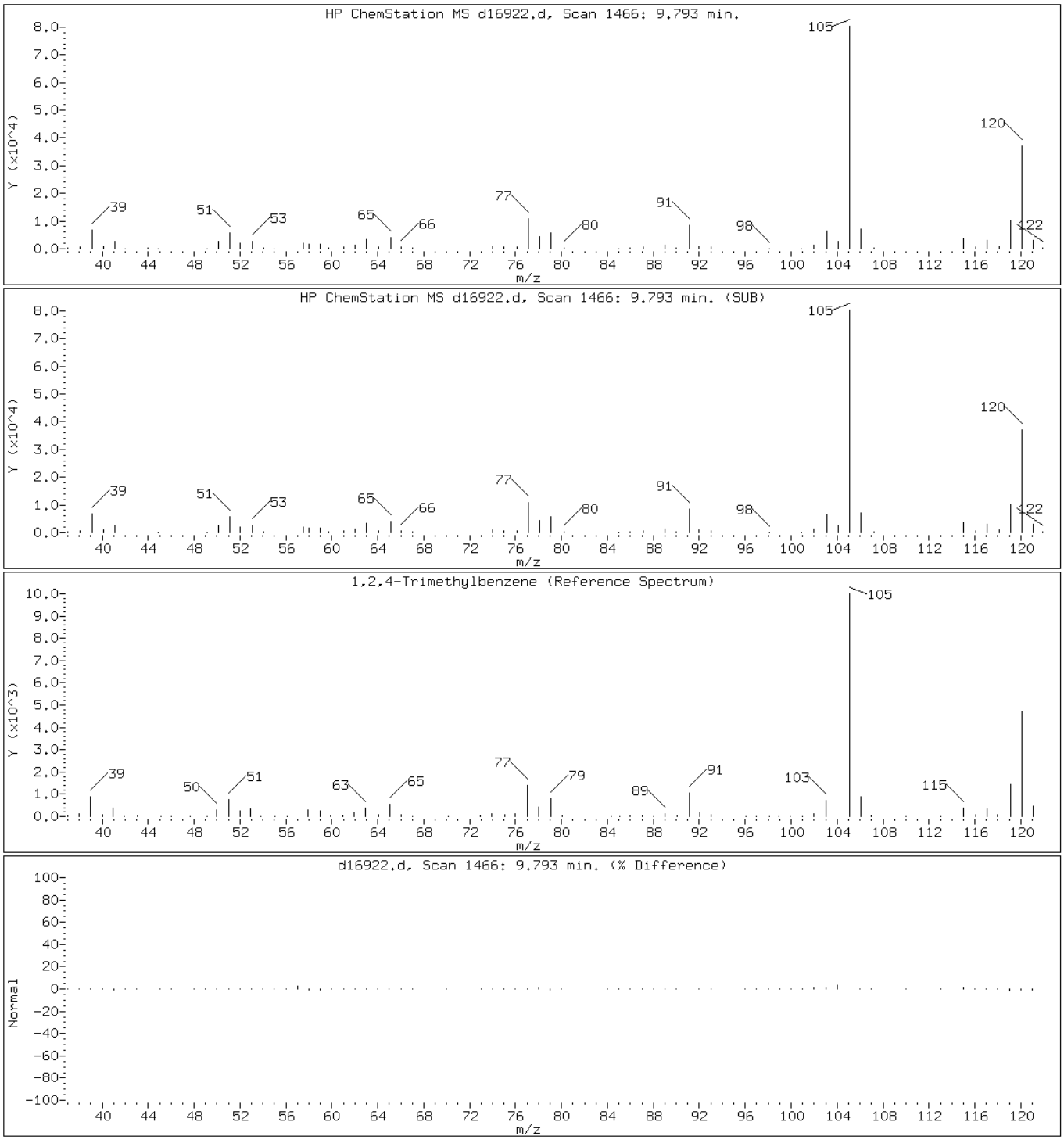
Data File: d16922.d

Date: 05-MAR-2010 14:48

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-9 Operator:

101 1,2,4-Trimethylbenzene



Data File: d16922.d

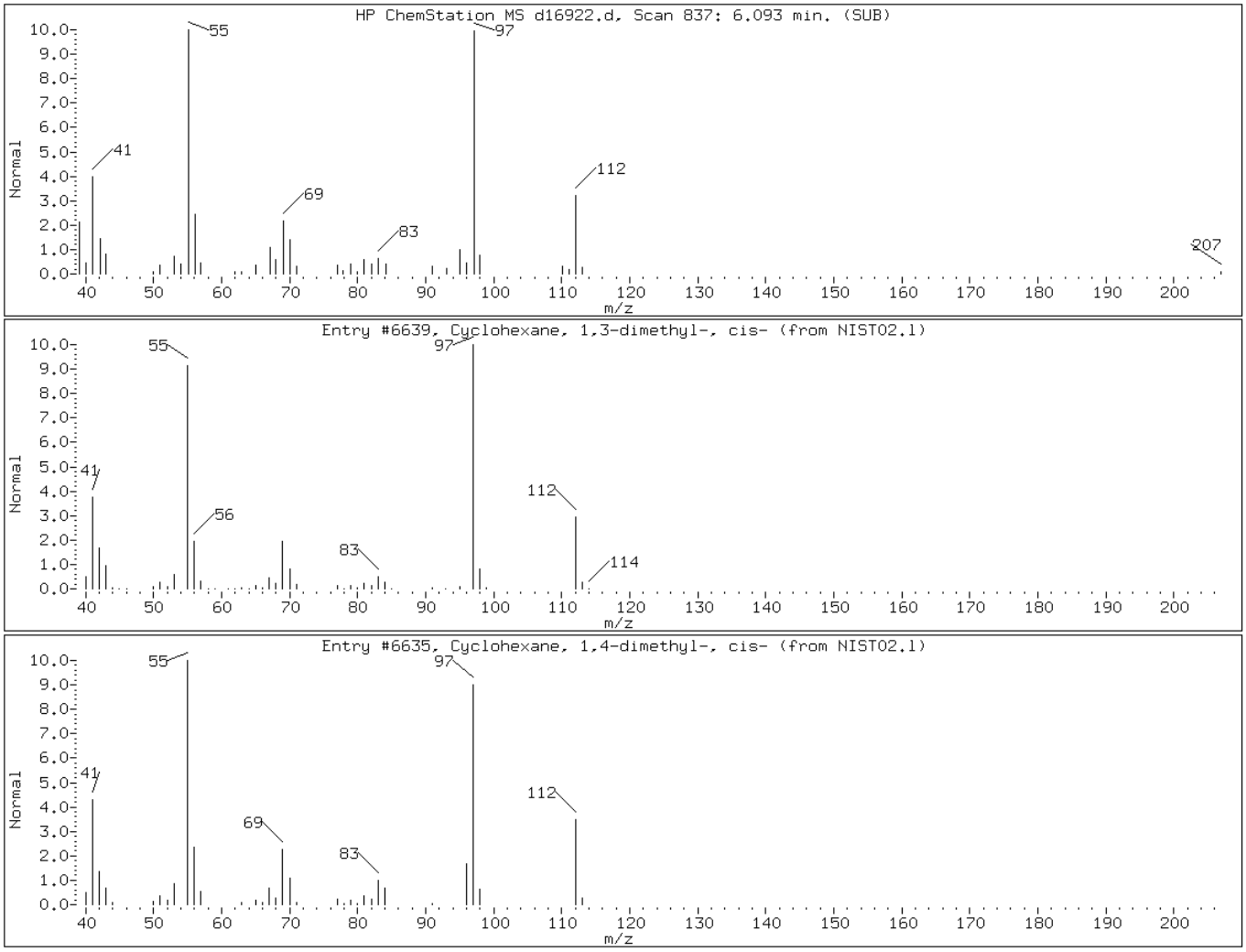
Date: 05-MAR-2010 14:48

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-9 Operator:

Retention Time: 6.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C8H16 Cycloalkane						
Cyclohexane, 1,3-dimethyl-, cis-	638-04-0	NIST02.l	6639	93	C8H16	112
Cyclohexane, 1,4-dimethyl-, cis-	624-29-3	NIST02.l	6635	90	C8H16	112



Data File: d16922.d

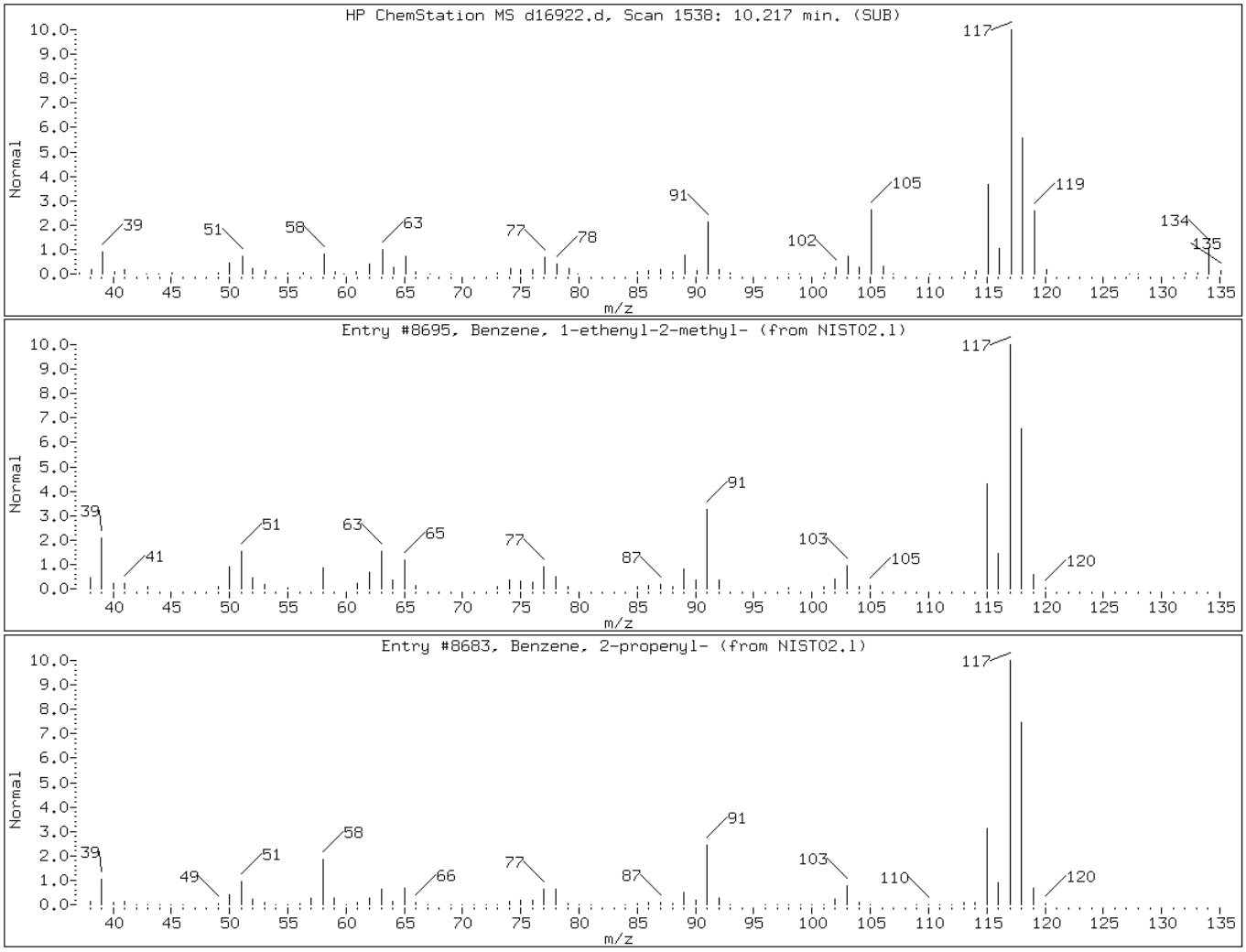
Date: 05-MAR-2010 14:48

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-9 Operator:

Retention Time: 10.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H10 Aromatic						
Benzene, 1-ethenyl-2-methyl-	611-15-4	NIST02.l	8695	64	C9H10	118
Benzene, 2-propenyl-	300-57-2	NIST02.l	8683	64	C9H10	118



Data File: d16922.d

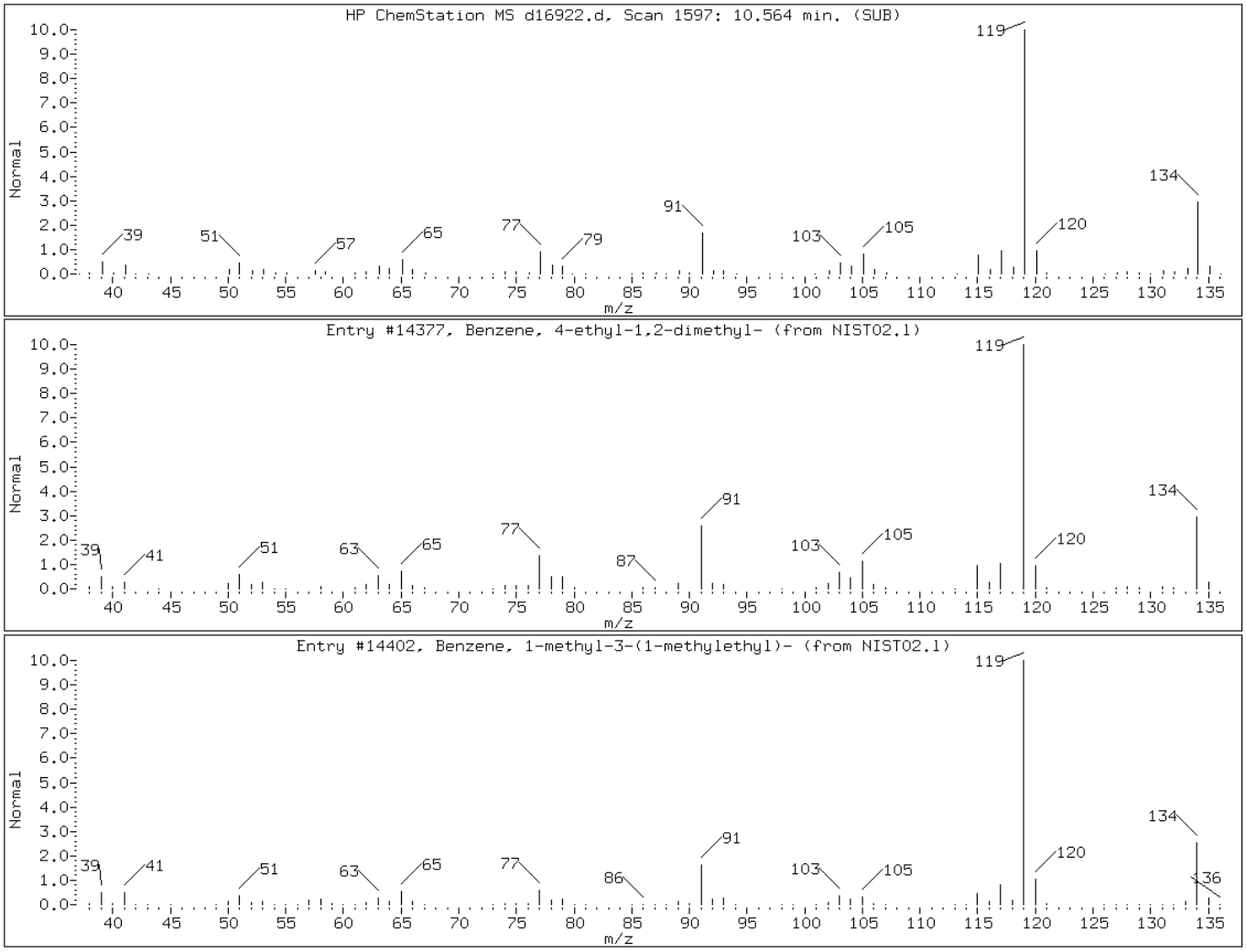
Date: 05-MAR-2010 14:48

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-9 Operator:

Retention Time: 10.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	96	C10H14	134
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14402	95	C10H14	134



Data File: d16922.d

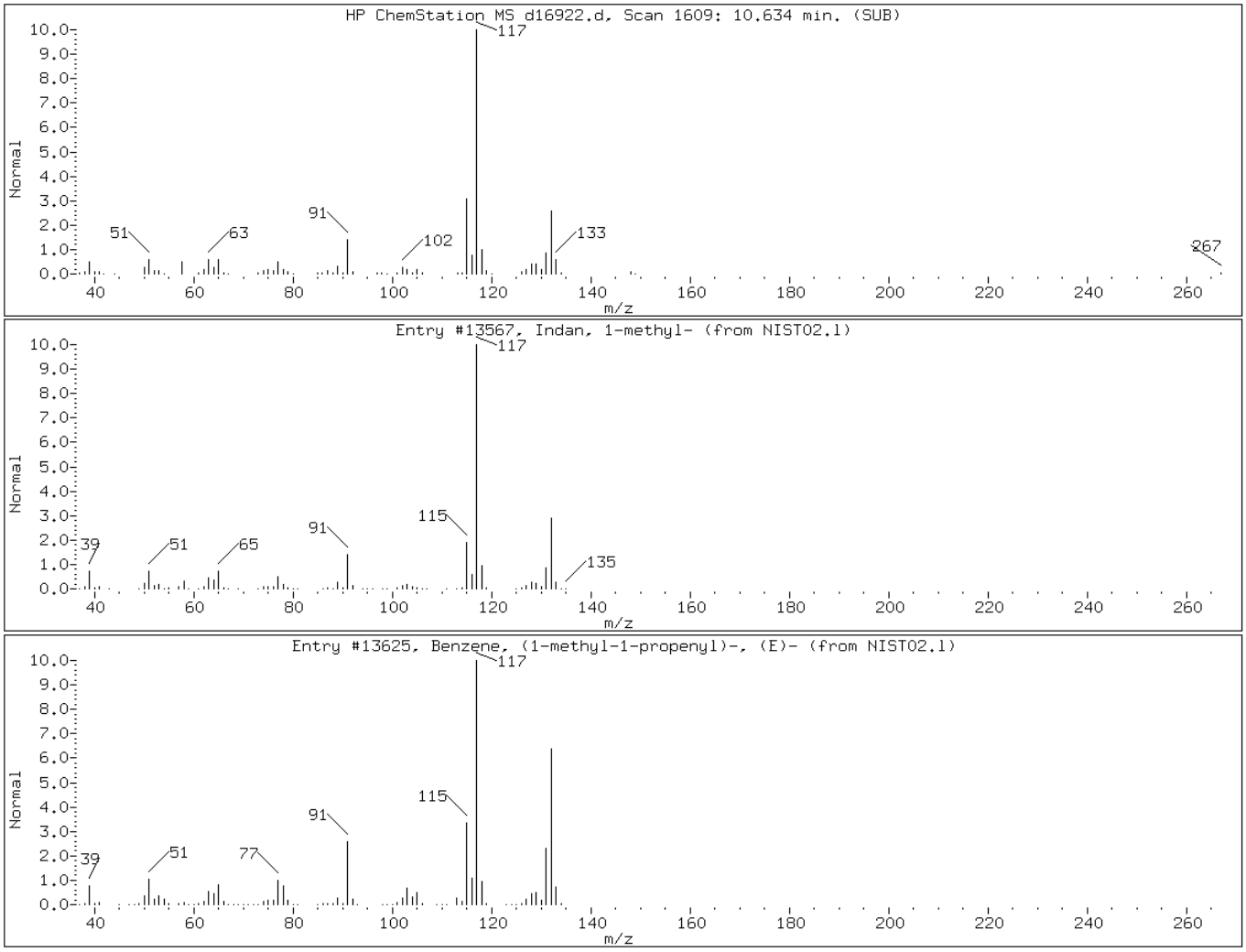
Date: 05-MAR-2010 14:48

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-9 Operator:

Retention Time: 10.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Indan, 1-methyl-	767-58-8	NIST02.l	13567	90	C10H12	132
Benzene, (1-methyl-1-propenyl)-, (	768-00-3	NIST02.l	13625	86	C10H12	132



Data File: d16922.d

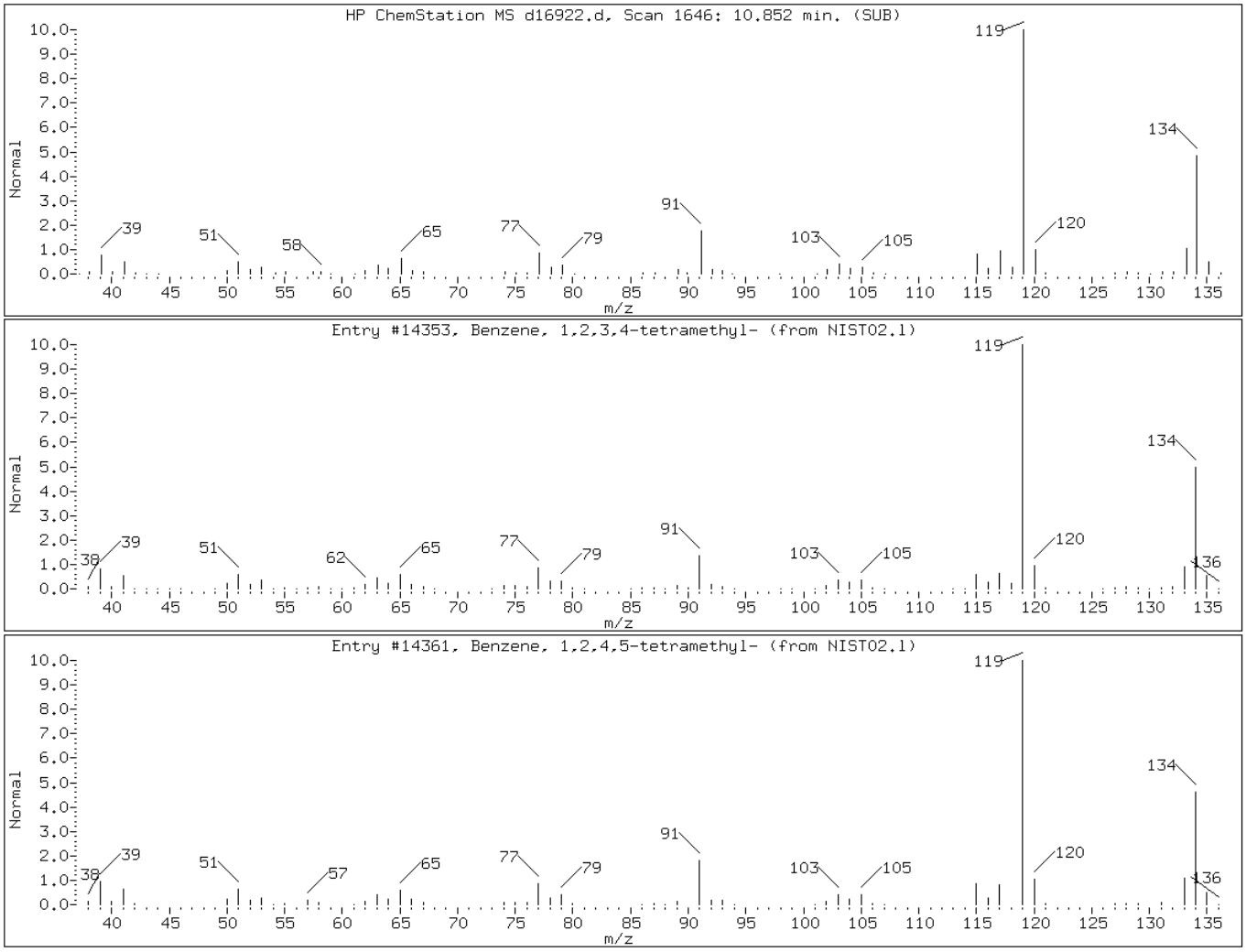
Date: 05-MAR-2010 14:48

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-9 Operator:

Retention Time: 10.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14353	97	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	97	C10H14	134



Data File: d16922.d

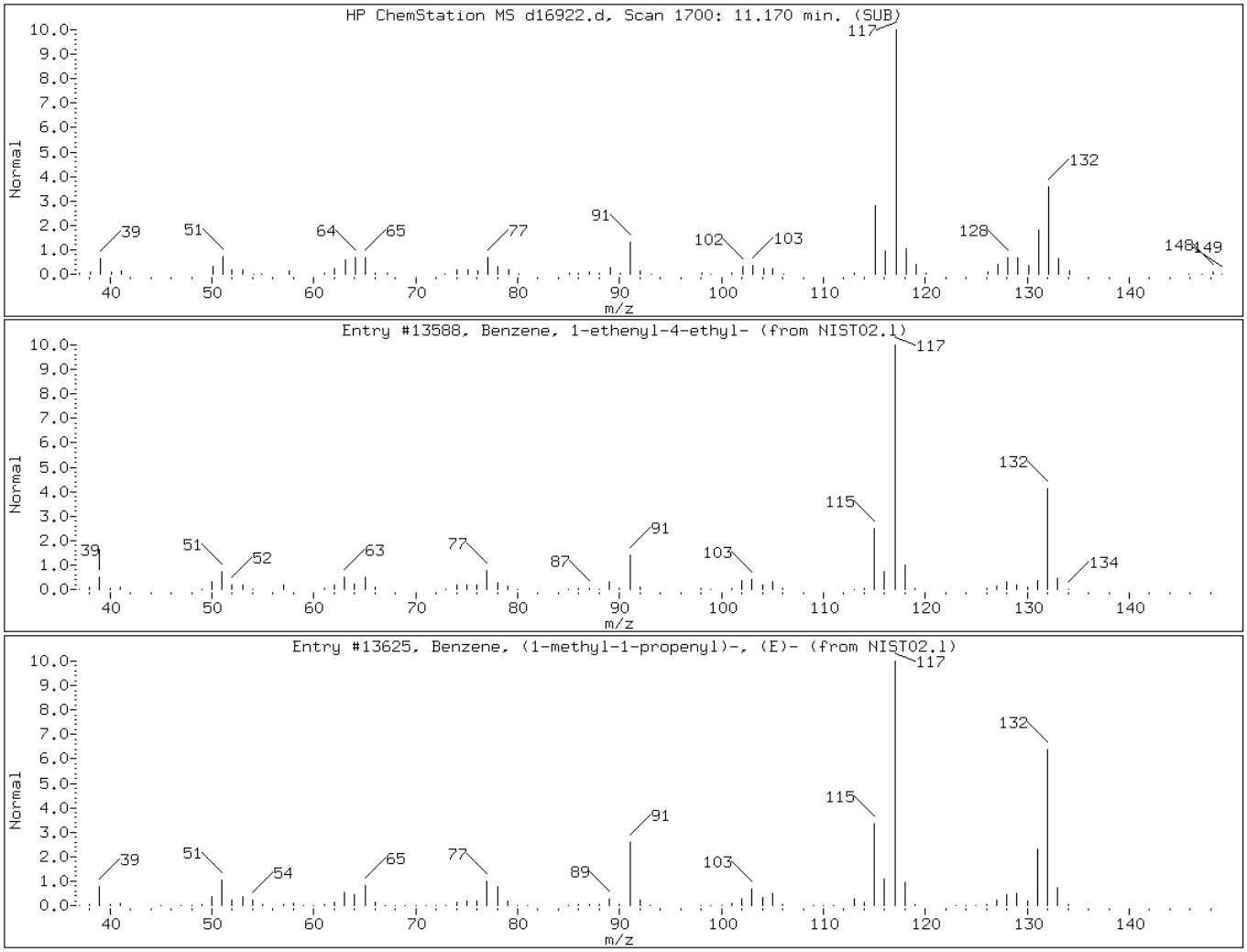
Date: 05-MAR-2010 14:48

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-9 Operator:

Retention Time: 11.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic-1						
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	94	C10H12	132
Benzene, (1-methyl-1-propenyl)-, (	768-00-3	NIST02.l	13625	91	C10H12	132



Data File: d16922.d

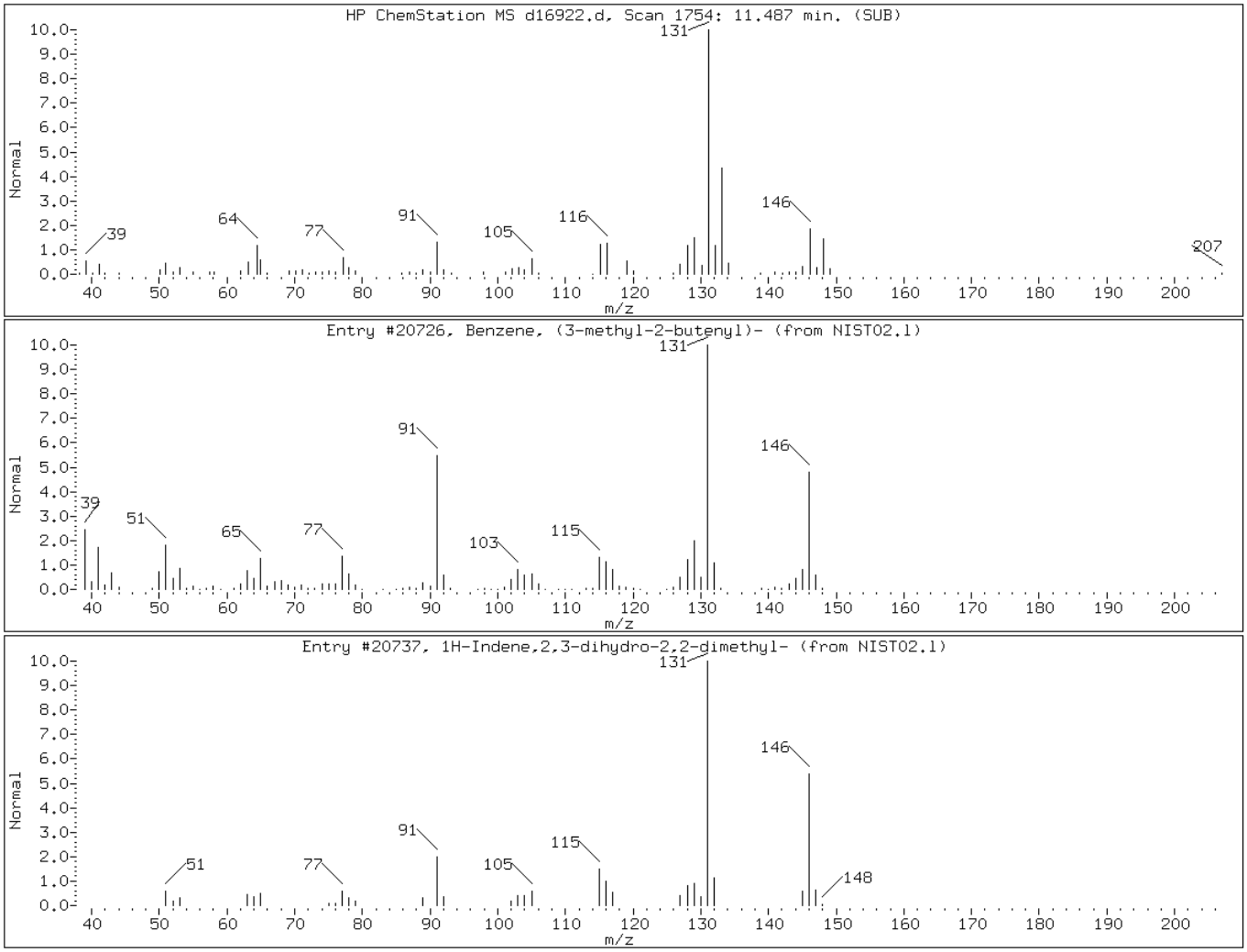
Date: 05-MAR-2010 14:48

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-9 Operator:

Retention Time: 11.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic-1						
Benzene, (3-methyl-2-butenyl)-	4489-84-3	NIST02.l	20726	91	C11H14	146
1H-Indene,2,3-dihydro-2,2-dimethyl	20836-11-7	NIST02.l	20737	83	C11H14	146



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-010 Lab Sample ID: 460-10889-10

Matrix: GW Lab File ID: d16928.d

Analysis Method: 8260B Date Collected: 03/02/2010 13:20

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 17:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.5		1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	0.26	J	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	0.69	J	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.1		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-010 Lab Sample ID: 460-10889-10

Matrix: GW Lab File ID: d16928.d

Analysis Method: 8260B Date Collected: 03/02/2010 13:20

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 17:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	8.3		3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	5.0		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97	70-122	
460-00-4	4-Bromofluorobenzene	100	69-135	
2037-26-5	Toluene-d8 (Surr)	100	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-010 Lab Sample ID: 460-10889-10

Matrix: GW Lab File ID: d16928.d

Analysis Method: 8260B Date Collected: 03/02/2010 13:20

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 17:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

Number TICs Found: 4 TIC Result Total: 29.7

CAS NO.	COMPOUND NAME	RT	RESULT	Q
108-20-3	Isopropyl ether	3.11	5.9	
496-11-7	Indane	10.22	11	T J N
	Diethylbenzene isomer	10.26	5.5	T J
	C10H12 Aromatic	11.17	7.3	T J

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16928.d
Report Date: 11-Mar-2010 10:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16928.d
Lab Smp Id: 460-10889-C-10 Client Smp ID: GW-017338-030210-AC
Inj Date : 05-MAR-2010 17:14
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-10
Misc Info : 460-10889-C-10
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 20:36 eddie Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 MTBE	73	2.817	2.835	(0.589)	12747	1.52105	1.5
	32 DIPE	45	3.105	3.117	(0.649)	62936	5.94726	5.9
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.499	4.500	(0.941)	20847	48.3794	48
*	52 Fluorobenzene	96	4.782	4.776	(1.000)	421797	50.0000	
	56 Methyl cyclohexane	83	4.923	4.923	(1.030)	3339	0.69028	0.69(a)
$	65 Toluene-d8 (SUR)	98	6.523	6.517	(0.801)	399986	49.9731	50
	66 Toluene	91	6.582	6.576	(0.809)	12046	1.11330	1.1
*	78 Chlorobenzene-d5	117	8.140	8.140	(1.000)	299611	50.0000	
	81 Ethylbenzene	106	8.199	8.205	(1.007)	913	0.26093	0.26(a)
	82 m+p-Xylene	106	8.346	8.346	(1.025)	35446	8.08874	8.1
	84 o-Xylene	106	8.717	8.717	(1.071)	841	0.19628	0.20(a)
	88 Isopropylbenzene	105	8.993	8.987	(1.105)	58842	5.01911	5.0
$	89 Bromofluorobenzene (SUR)	174	9.205	9.205	(0.913)	138617	49.7810	50
	95 n-Propylbenzene	91	9.328	9.329	(0.925)	37760	2.75554	2.8
	101 1,2,4-Trimethylbenzene	105	9.793	9.793	(0.971)	3951	0.37892	0.38(a)
	103 sec-Butylbenzene	105	9.875	9.870	(0.980)	2874	0.22899	0.23(a)

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16928.d
Report Date: 11-Mar-2010 10:51

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 108 1,4-Dichlorobenzene-d4	152	10.081	10.076	(1.000)	167756	50.0000	
M 121 Xylene (Total)	100				36287	8.28502	8.3

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16928.d
Report Date: 11-Mar-2010 10:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16928.d
Lab Smp Id: 460-10889-C-10 Client Smp ID: GW-017338-030210-AC
Inj Date : 05-MAR-2010 17:14
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-10
Misc Info : 460-10889-C-10
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 20:36 eddie Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 108 1,4-Dichlorobenzene-d4	10.081	1080657	50.000

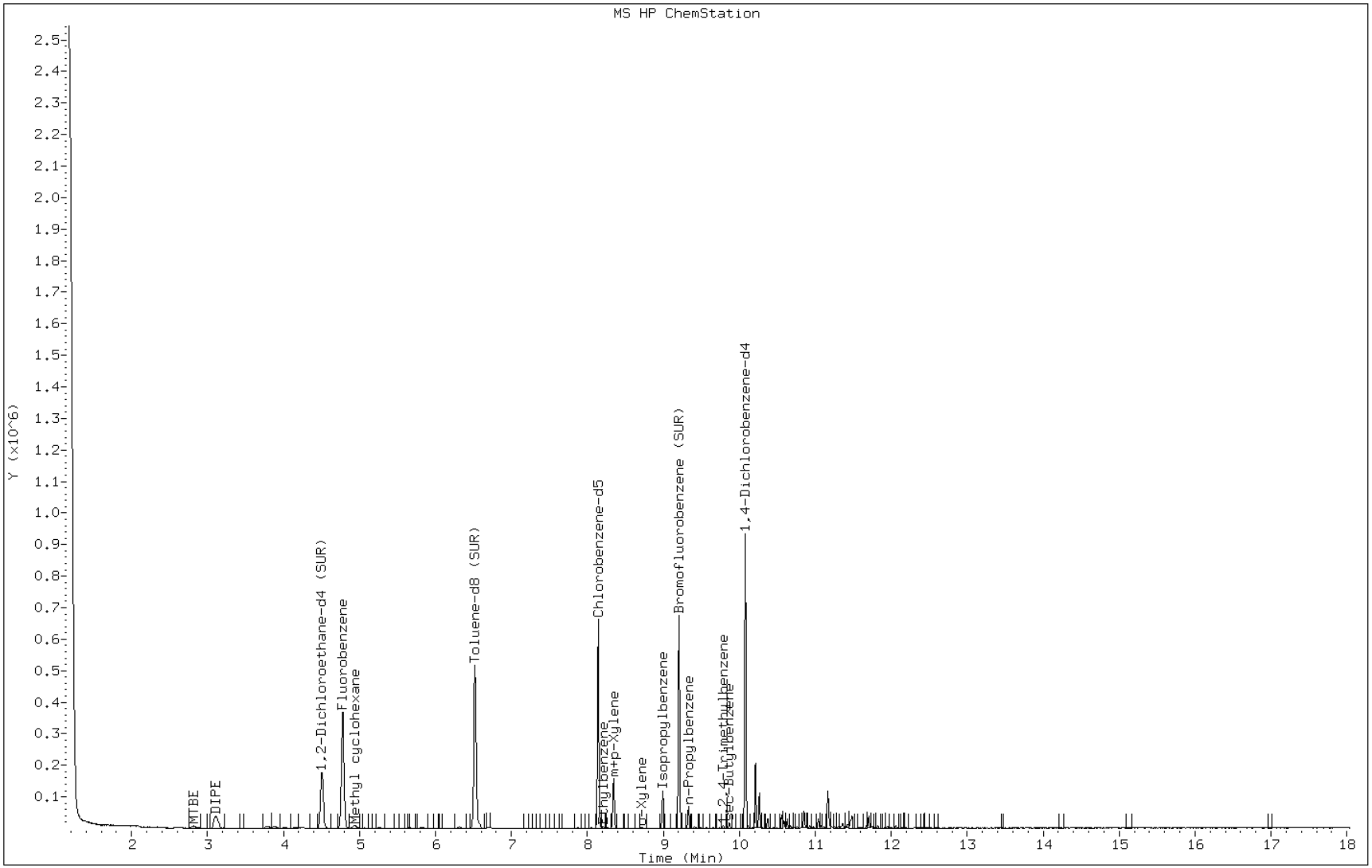
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Indane				CAS #: 496-11-7			
10.217	236496	10.9422370	11	93	NIST02.l	8676	108
Diethylbenzene isomer				CAS #:			
10.264	118606	5.48767087	5.5	0		0	108
C10H12 Aromatic				CAS #:			
11.169	157122	7.26976092	7.3	0		0	108

Data File: d16928.d

Date: 05-MAR-2010 17:14

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-10 Operator:



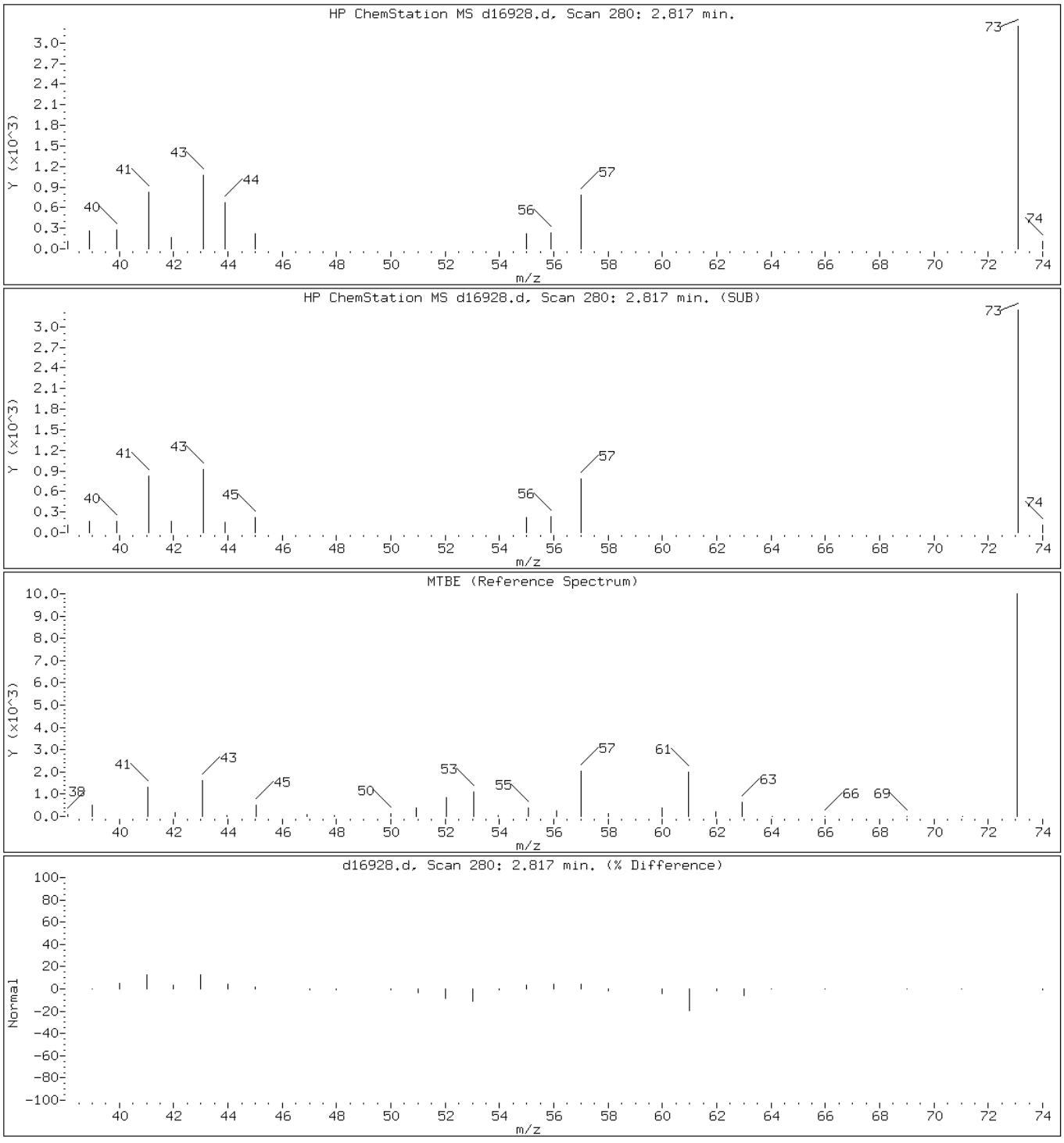
Data File: d16928.d

Date: 05-MAR-2010 17:14

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-10 Operator:

28 MTBE



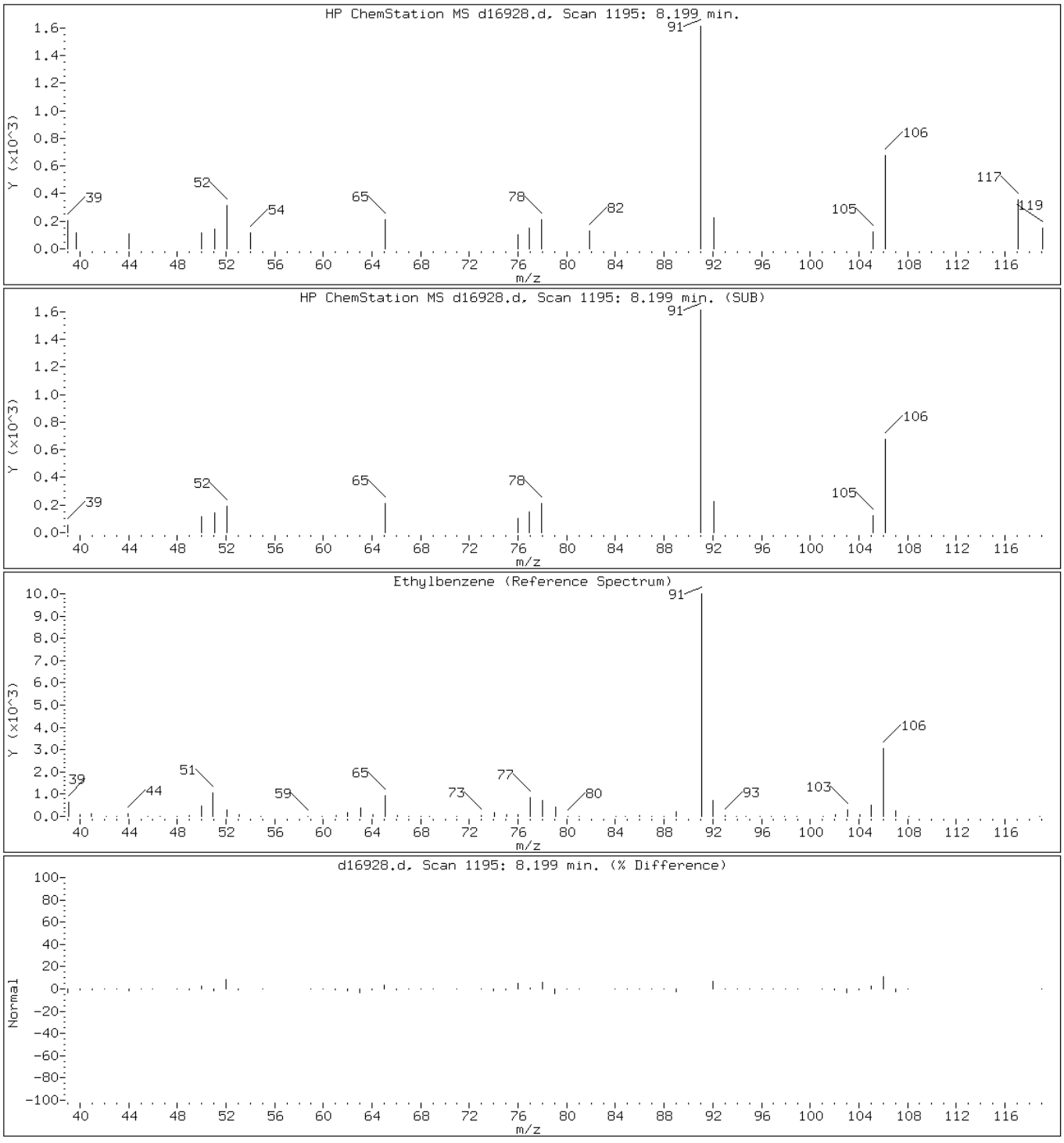
Data File: d16928.d

Date: 05-MAR-2010 17:14

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-10 Operator:

81 Ethylbenzene



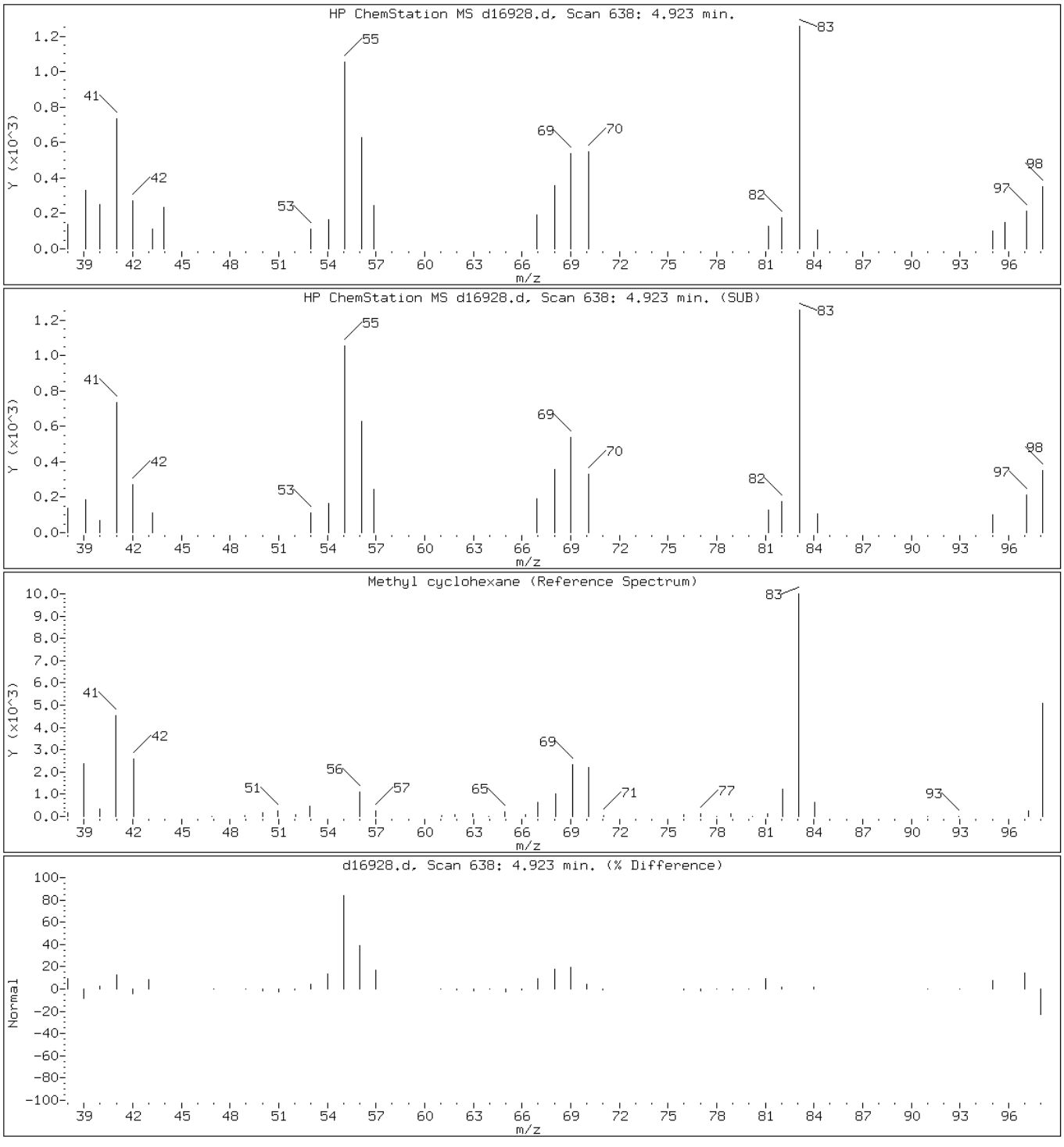
Data File: d16928.d

Date: 05-MAR-2010 17:14

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-10 Operator:

56 Methyl cyclohexane



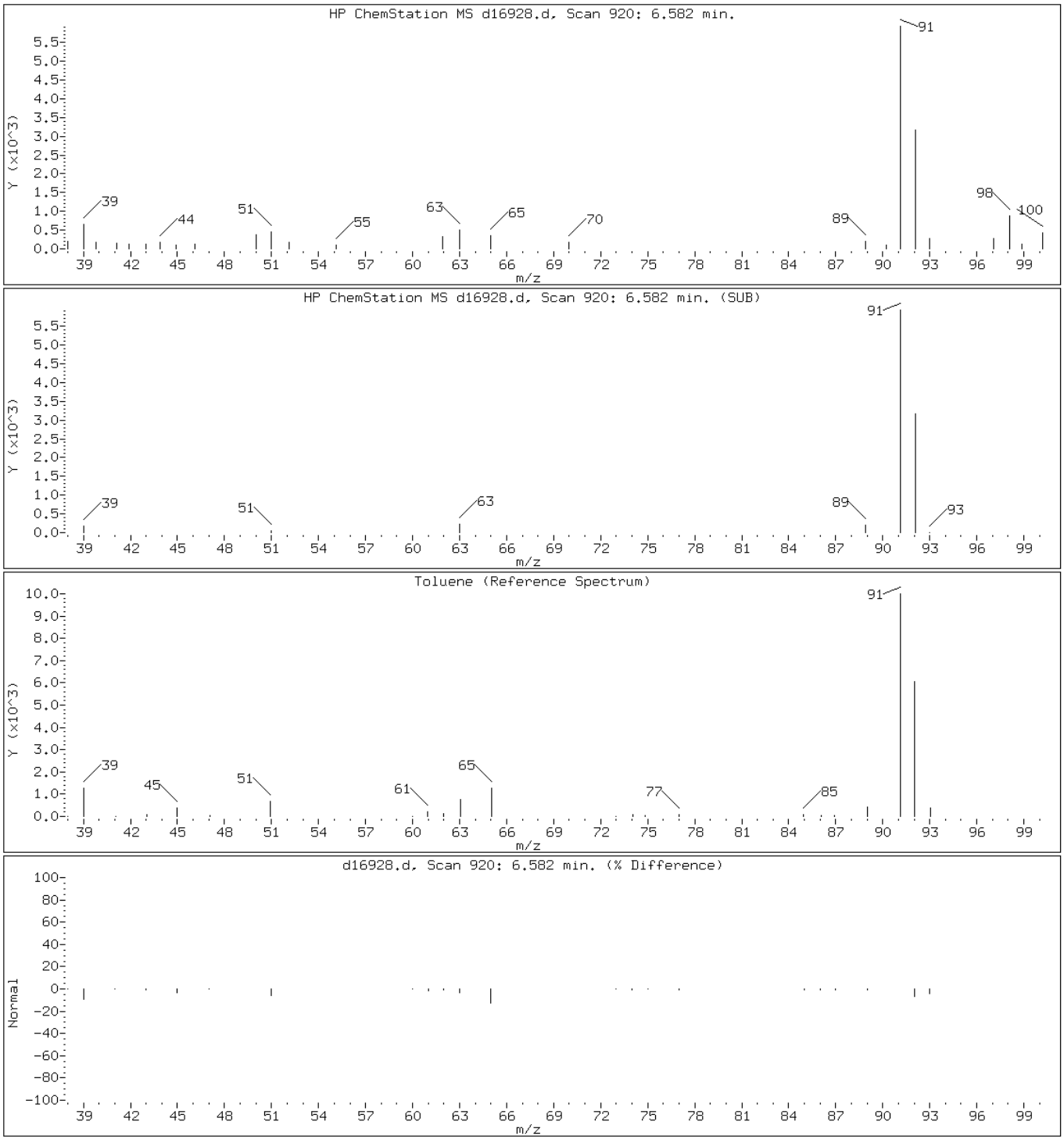
Data File: d16928.d

Date: 05-MAR-2010 17:14

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-10 Operator:

66 Toluene



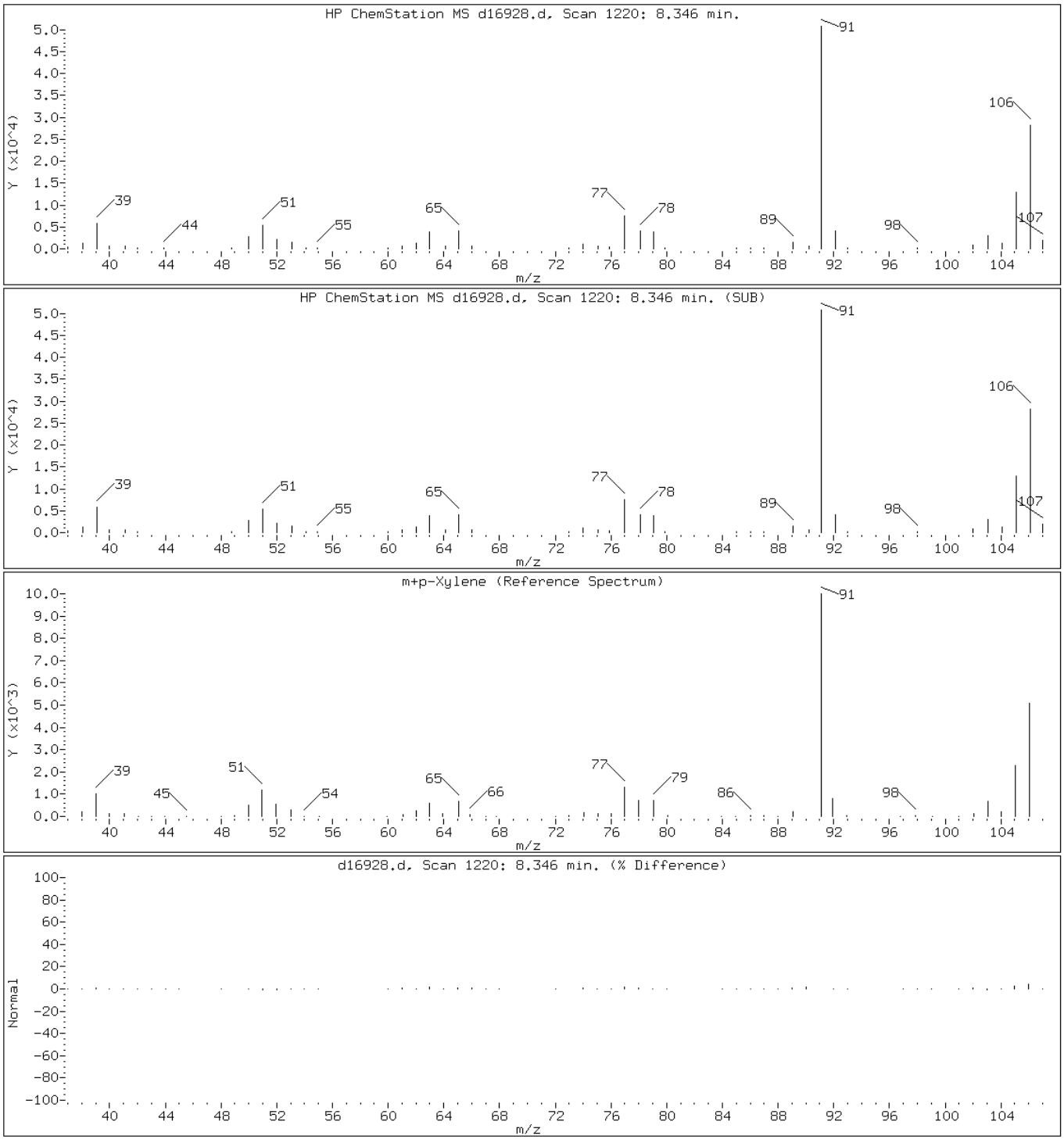
Data File: d16928.d

Date: 05-MAR-2010 17:14

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-10 Operator:

82 m+p-Xylene



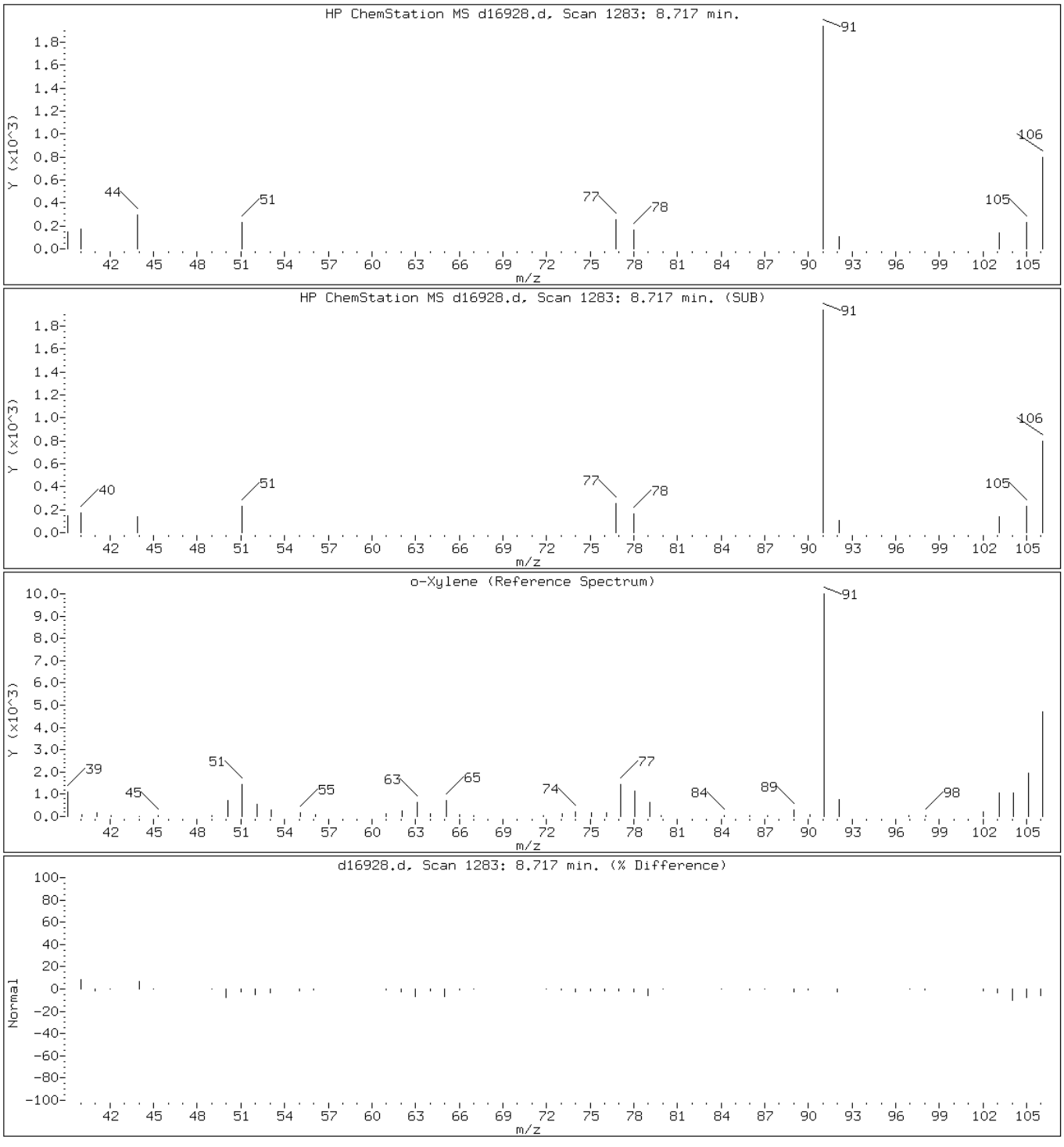
Data File: d16928.d

Date: 05-MAR-2010 17:14

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-10 Operator:

84 o-Xylene



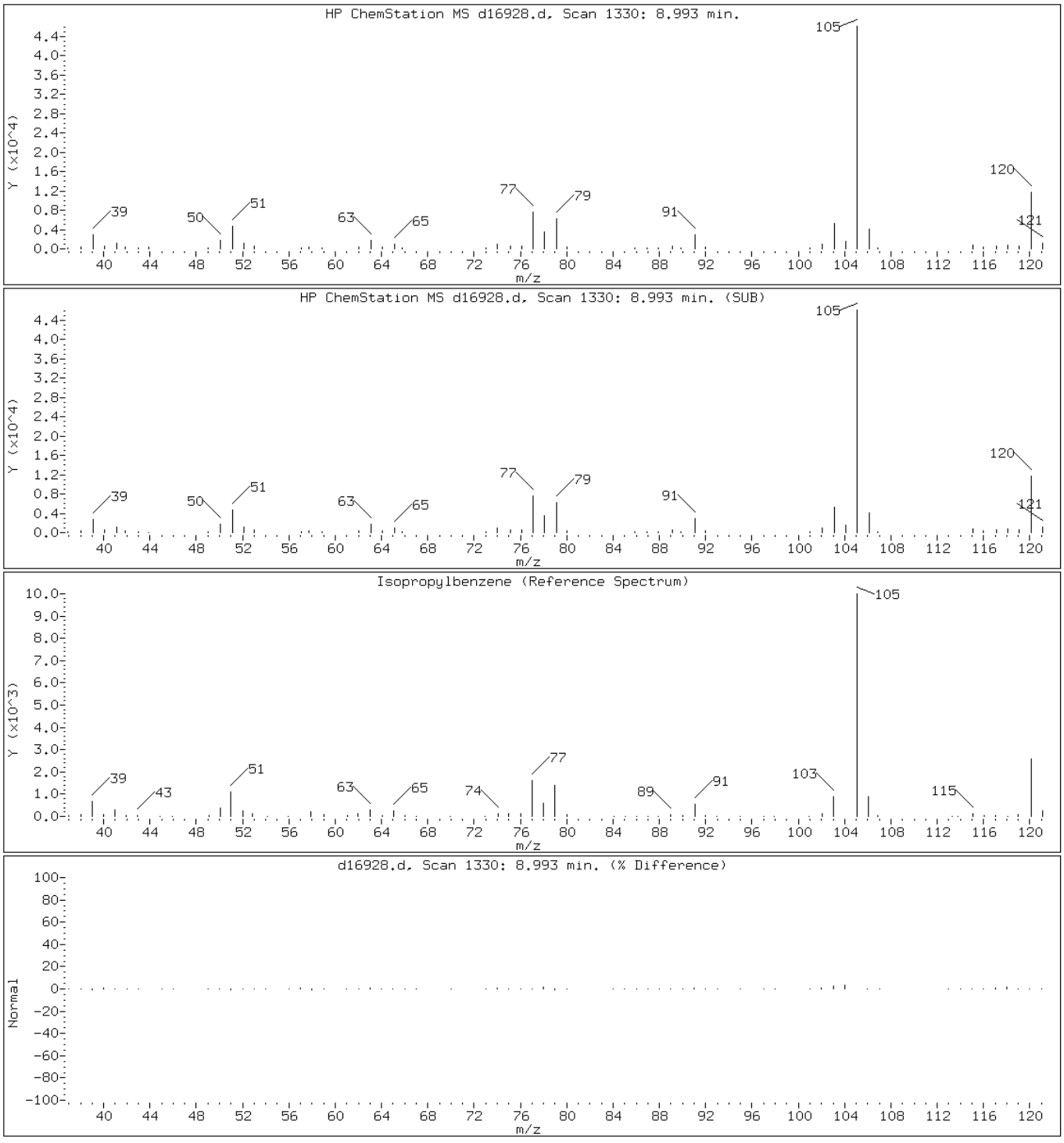
Data File: d16928.d

Date: 05-MAR-2010 17:14

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-10 Operator:

88 Isopropylbenzene



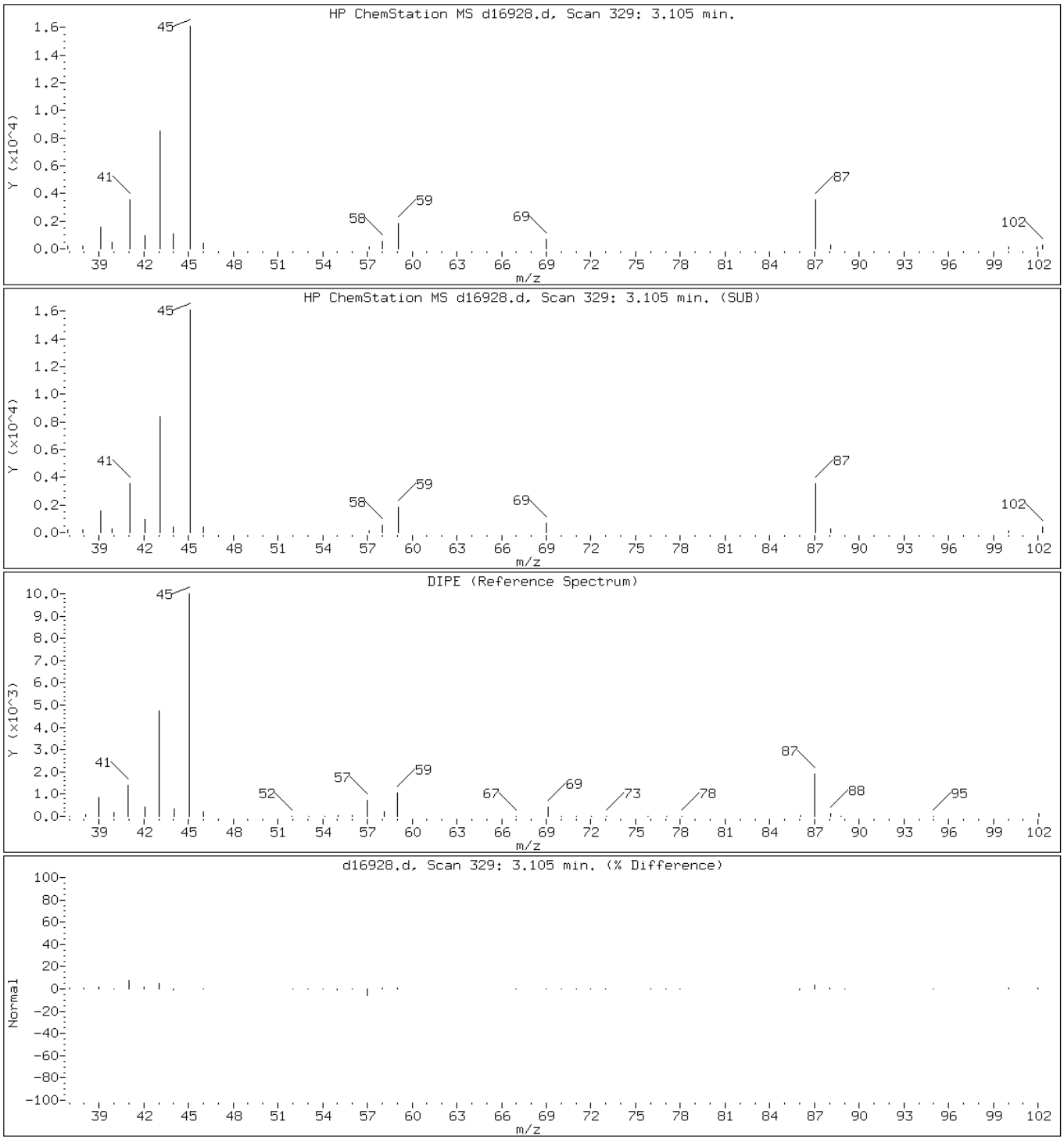
Data File: d16928.d

Date: 05-MAR-2010 17:14

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-10 Operator:

32 DIPE



Data File: d16928.d

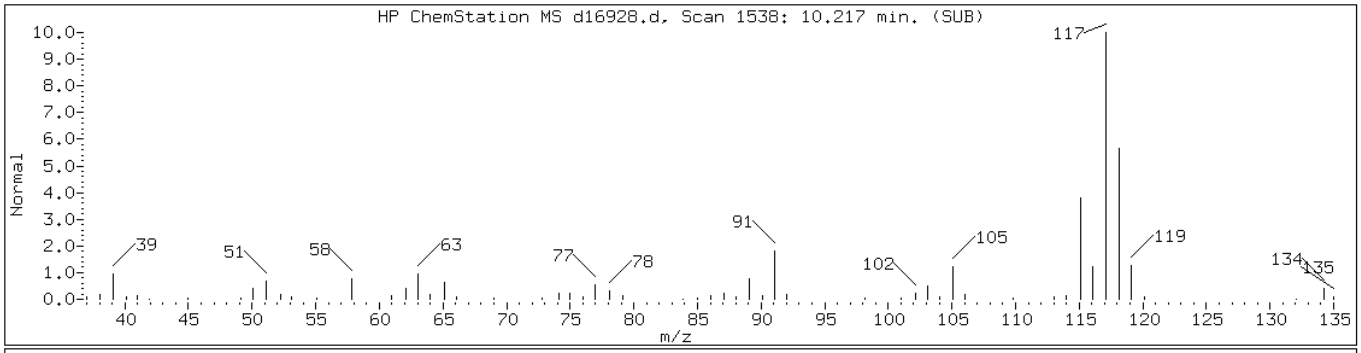
Date: 05-MAR-2010 17:14

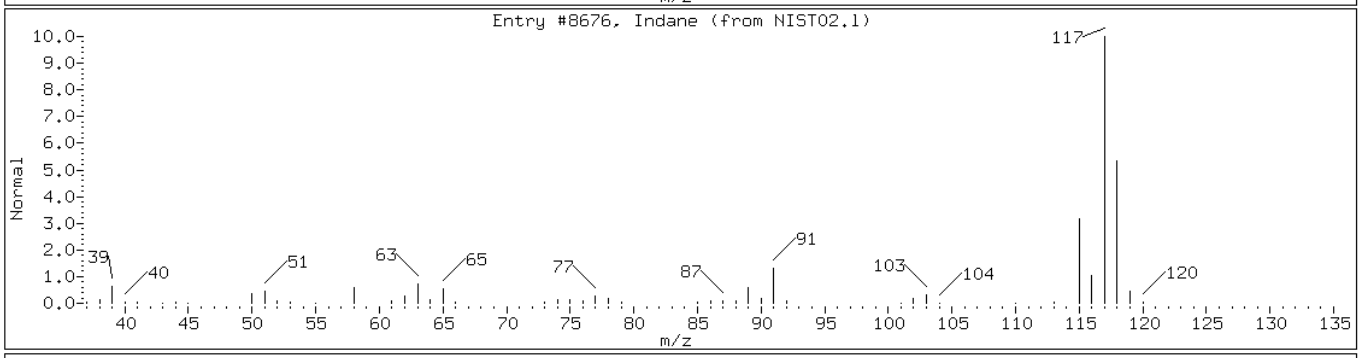
Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

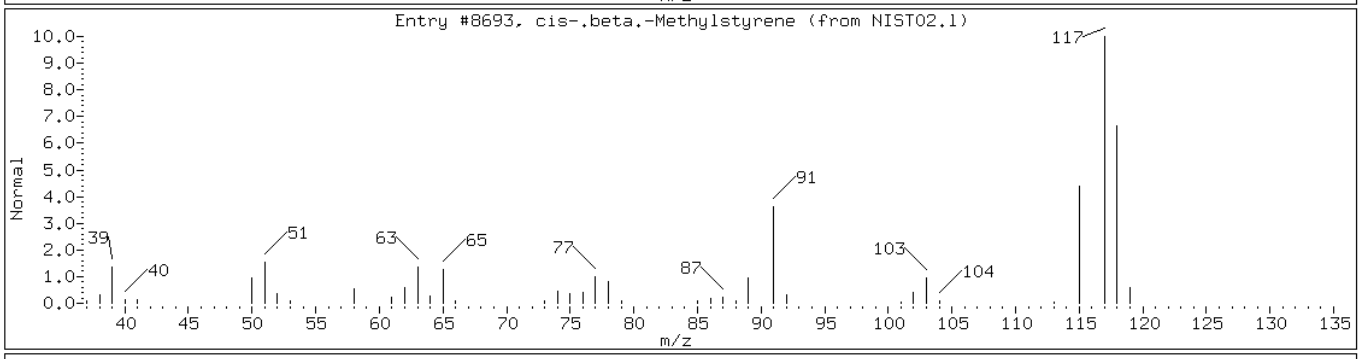
Sample Info: 460-10889-C-10 Operator:

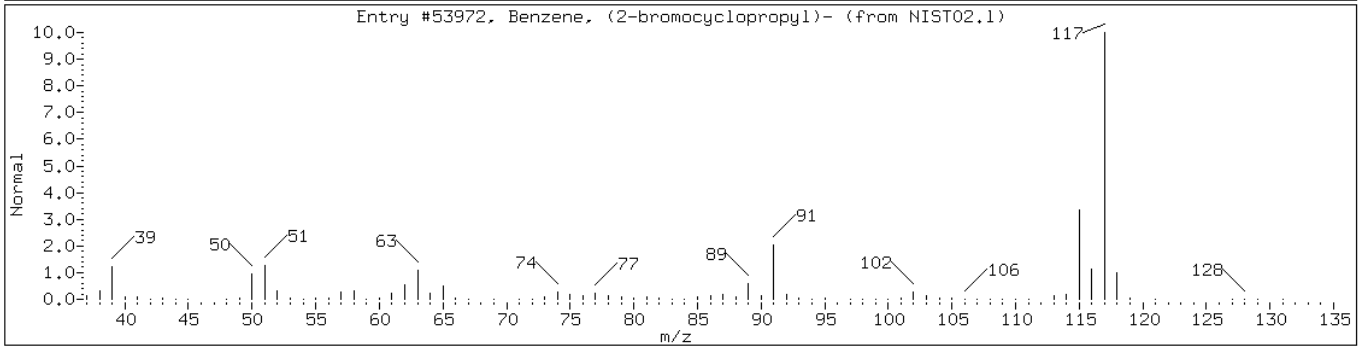
Retention Time: 10.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8676	93	C9H10	118
cis-.beta.-Methylstyrene	766-90-5	NIST02.l	8693	64	C9H10	118
Benzene, (2-bromocyclopropyl)-	36617-02-4	NIST02.l	53972	53	C9H9Br	196









Data File: d16928.d

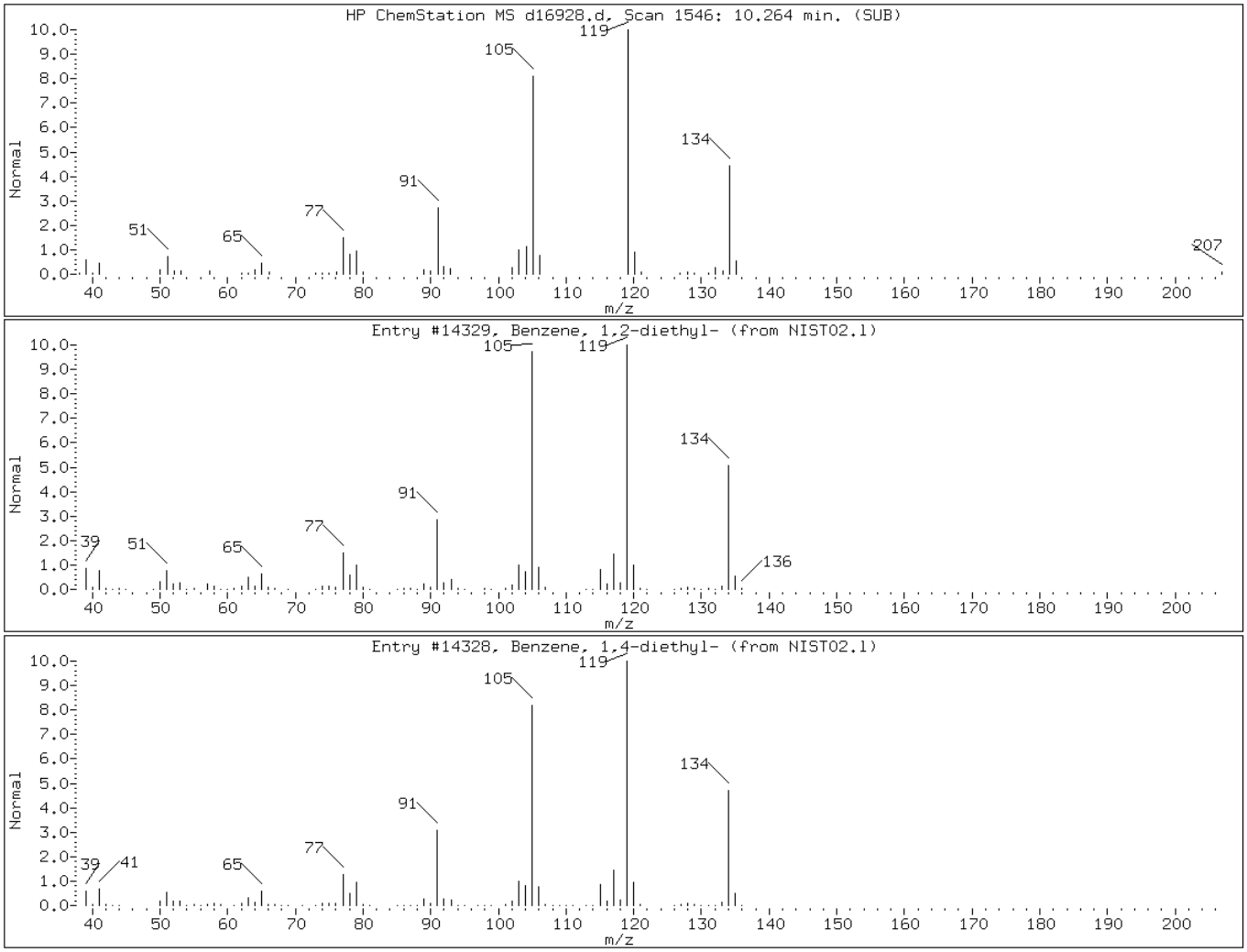
Date: 05-MAR-2010 17:14

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-10 Operator:

Retention Time: 10.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer						
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14329	94	C10H14	134
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14328	94	C10H14	134



Data File: d16928.d

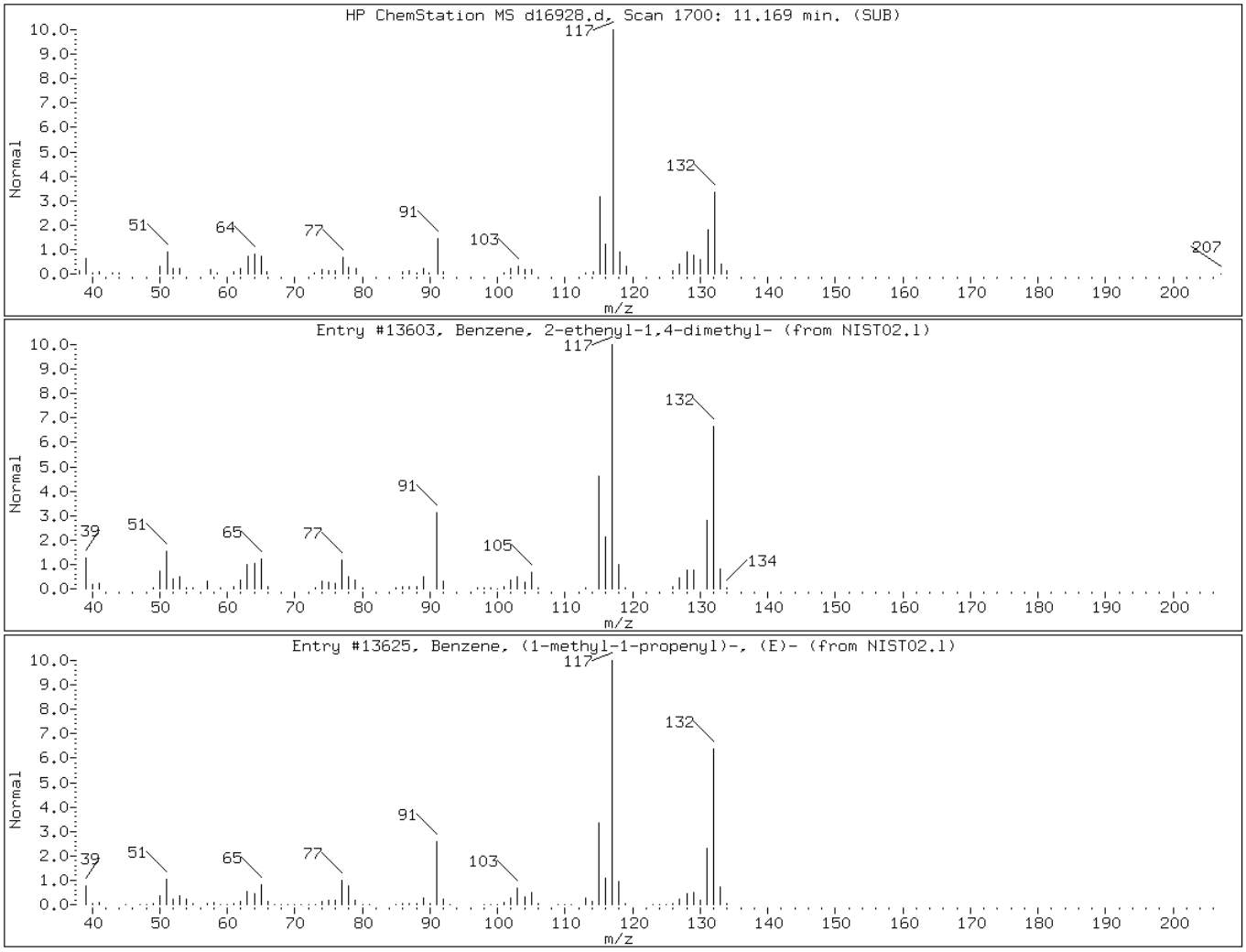
Date: 05-MAR-2010 17:14

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-10 Operator:

Retention Time: 11.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	93	C10H12	132
Benzene, (1-methyl-1-propenyl)-, (	768-00-3	NIST02.l	13625	91	C10H12	132



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-011 Lab Sample ID: 460-10889-11

Matrix: GW Lab File ID: d16920.d

Analysis Method: 8260B Date Collected: 03/02/2010 15:45

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 13:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.19	J	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	0.22	J	1.0	0.15
100-41-4	Ethylbenzene	7.4		1.0	0.25
110-82-7	Cyclohexane	0.37	J	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	0.48	J	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-011 Lab Sample ID: 460-10889-11

Matrix: GW Lab File ID: d16920.d

Analysis Method: 8260B Date Collected: 03/02/2010 15:45

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 13:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	0.66	J	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	22		3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.4		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	0.27	J	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96	70-122	
460-00-4	4-Bromofluorobenzene	97	69-135	
2037-26-5	Toluene-d8 (Surr)	97	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-011 Lab Sample ID: 460-10889-11

Matrix: GW Lab File ID: d16920.d

Analysis Method: 8260B Date Collected: 03/02/2010 15:45

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 13:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16920.d
Report Date: 05-Mar-2010 14:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16920.d
Lab Smp Id: 460-10889-C-11 Client Smp ID: GW-017338-030210-RA
Inj Date : 05-MAR-2010 13:59
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-11
Misc Info : 460-10889-C-11
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
42 Chloroform	83	3.876	3.864	(0.810)	1273	0.21721	0.22(a)
44 Cyclohexane	56	3.805	3.788	(0.795)	1651	0.37332	0.37(a)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.511	4.505	(0.942)	21803	47.8971	48
* 52 Fluorobenzene	96	4.787	4.776	(1.000)	445596	50.0000	
56 Methyl cyclohexane	83	4.935	4.929	(1.031)	2465	0.48251	0.48(a)
$ 65 Toluene-d8 (SUR)	98	6.523	6.517	(0.801)	398728	48.3994	48
66 Toluene	91	6.587	6.582	(0.809)	11349	1.01910	1.0
71 Tetrachloroethene	166	7.023	7.017	(0.862)	1842	0.66436	0.66(a)
* 78 Chlorobenzene-d5	117	8.146	8.140	(1.000)	308380	50.0000	
81 Ethylbenzene	106	8.205	8.205	(1.007)	26818	7.44668	7.4
82 m+p-Xylene	106	8.346	8.346	(1.025)	89966	19.9465	20
84 o-Xylene	106	8.717	8.717	(1.070)	7718	1.75018	1.8
88 Isopropylbenzene	105	8.993	8.993	(1.104)	17122	1.41898	1.4
$ 89 Bromofluorobenzene (SUR)	174	9.211	9.205	(0.914)	142378	48.6174	49
95 n-Propylbenzene	91	9.334	9.329	(0.926)	9487	0.65832	0.66(a)
* 108 1,4-Dichlorobenzene-d4	152	10.081	10.082	(1.000)	176432	50.0000	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16920.d
Report Date: 05-Mar-2010 14:31

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
109 1,4-Dichlorobenzene	146	10.093	10.093	(1.001)	1652	0.27224	0.27(a)
111 1,2-Dichlorobenzene	146	10.399	10.405	(1.032)	1153	0.19064	0.19(a)
M 121 Xylene (Total)	100				97685	21.6967	22

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16920.d
Report Date: 05-Mar-2010 14:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16920.d
Lab Smp Id: 460-10889-C-11 Client Smp ID: GW-017338-030210-RA
Inj Date : 05-MAR-2010 13:59
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-11
Misc Info : 460-10889-C-11
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

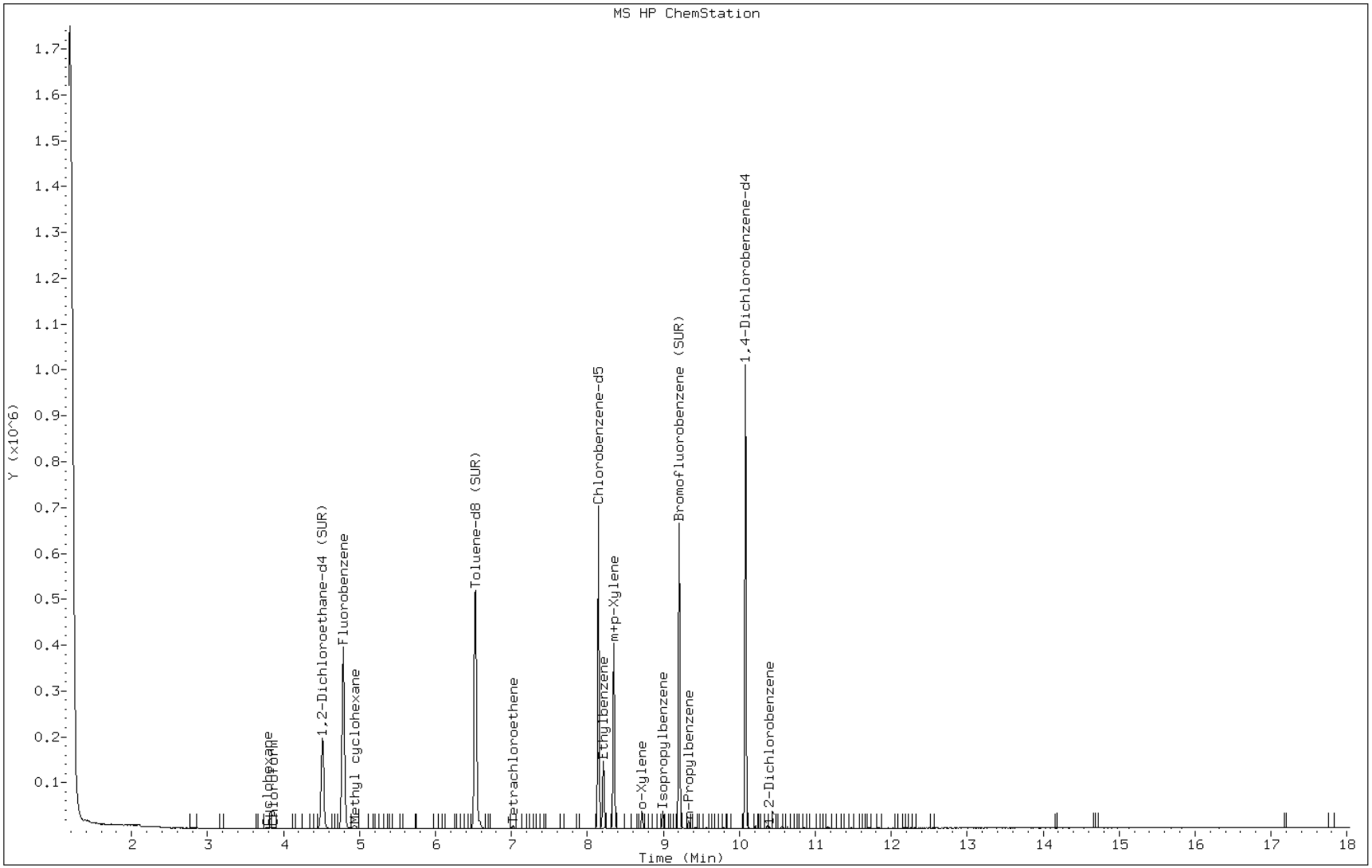
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d16920.d

Date: 05-MAR-2010 13:59

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-11 Operator:



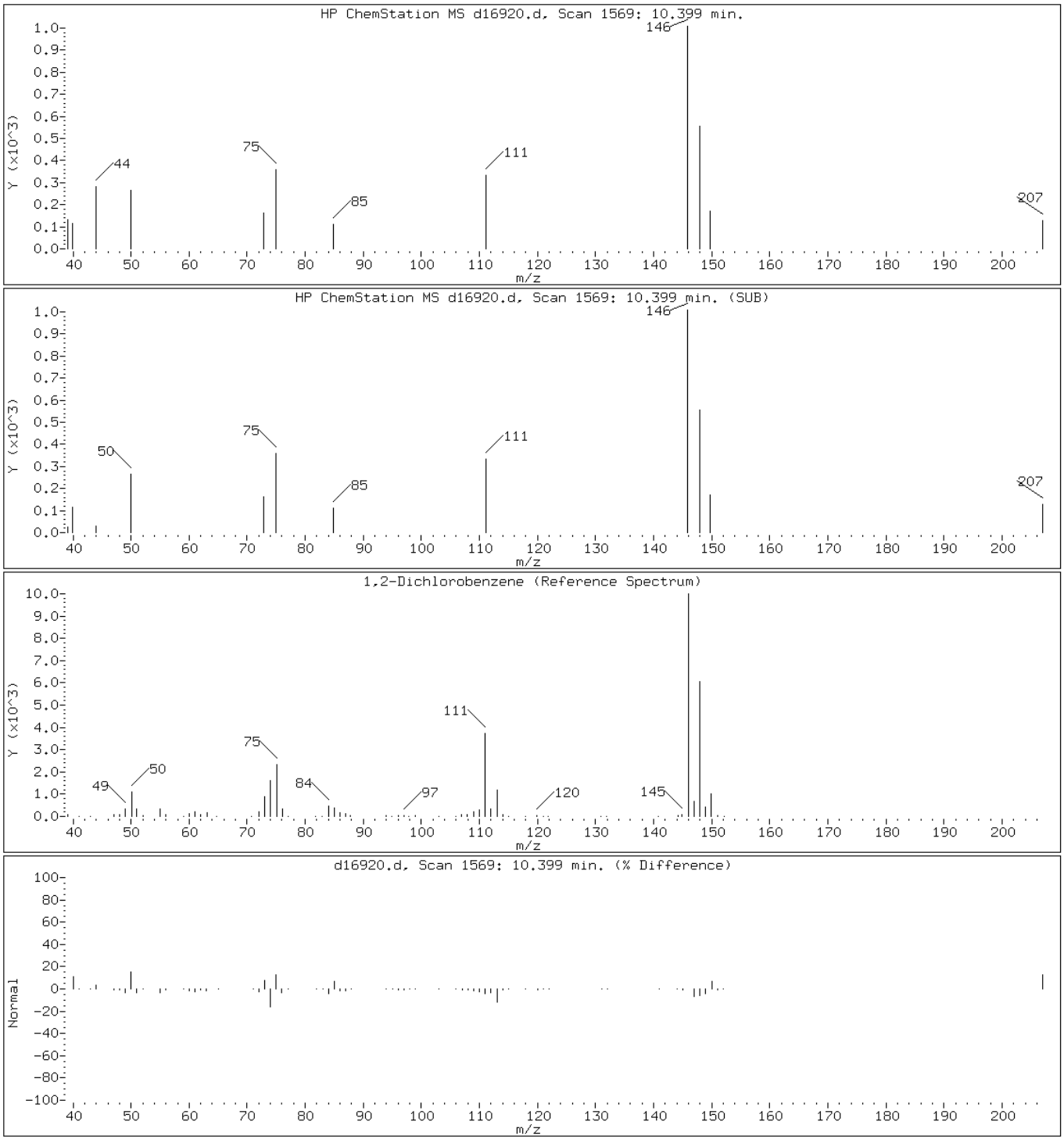
Data File: d16920.d

Date: 05-MAR-2010 13:59

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-11 Operator:

111 1,2-Dichlorobenzene



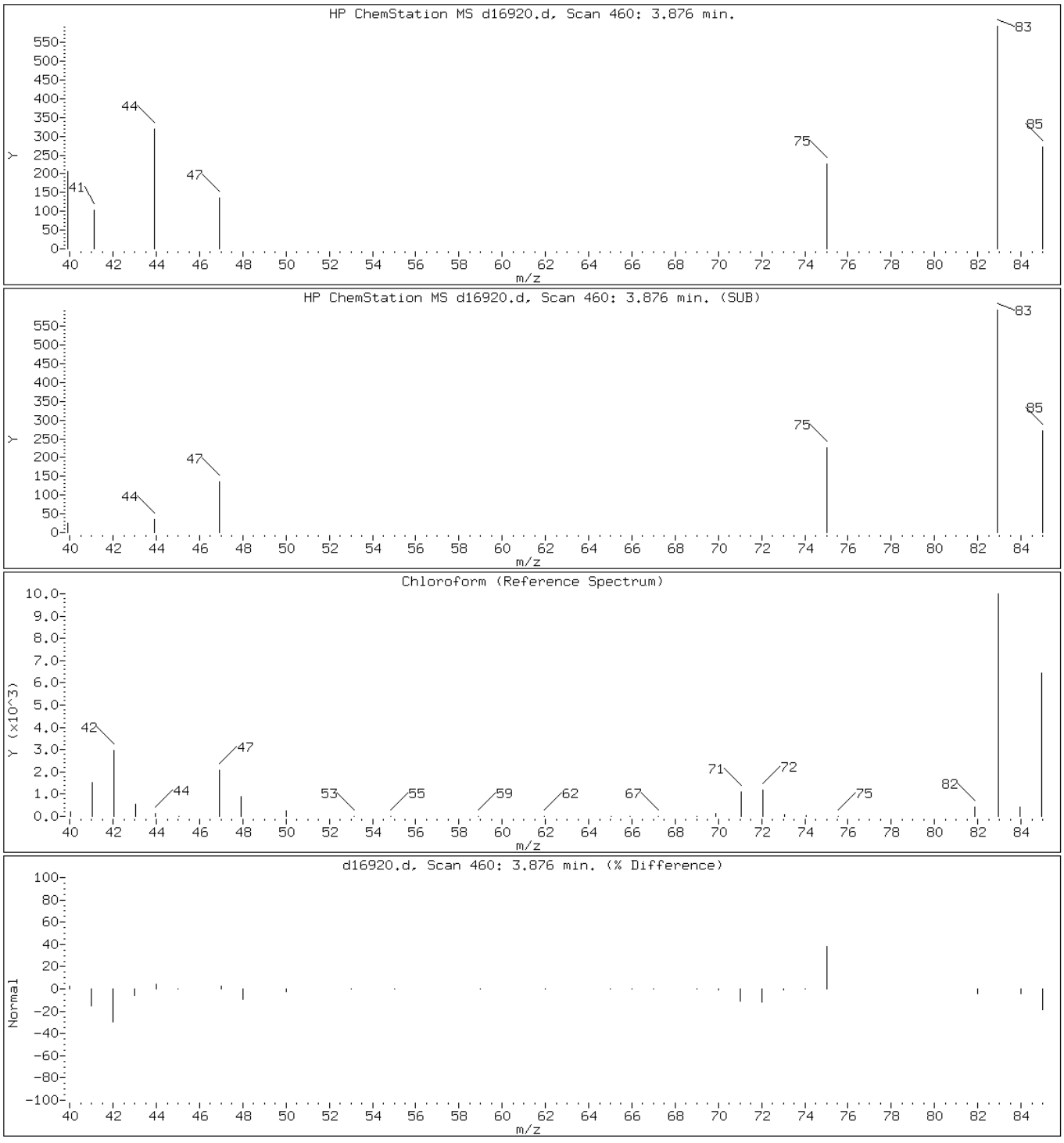
Data File: d16920.d

Date: 05-MAR-2010 13:59

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-11 Operator:

42 Chloroform



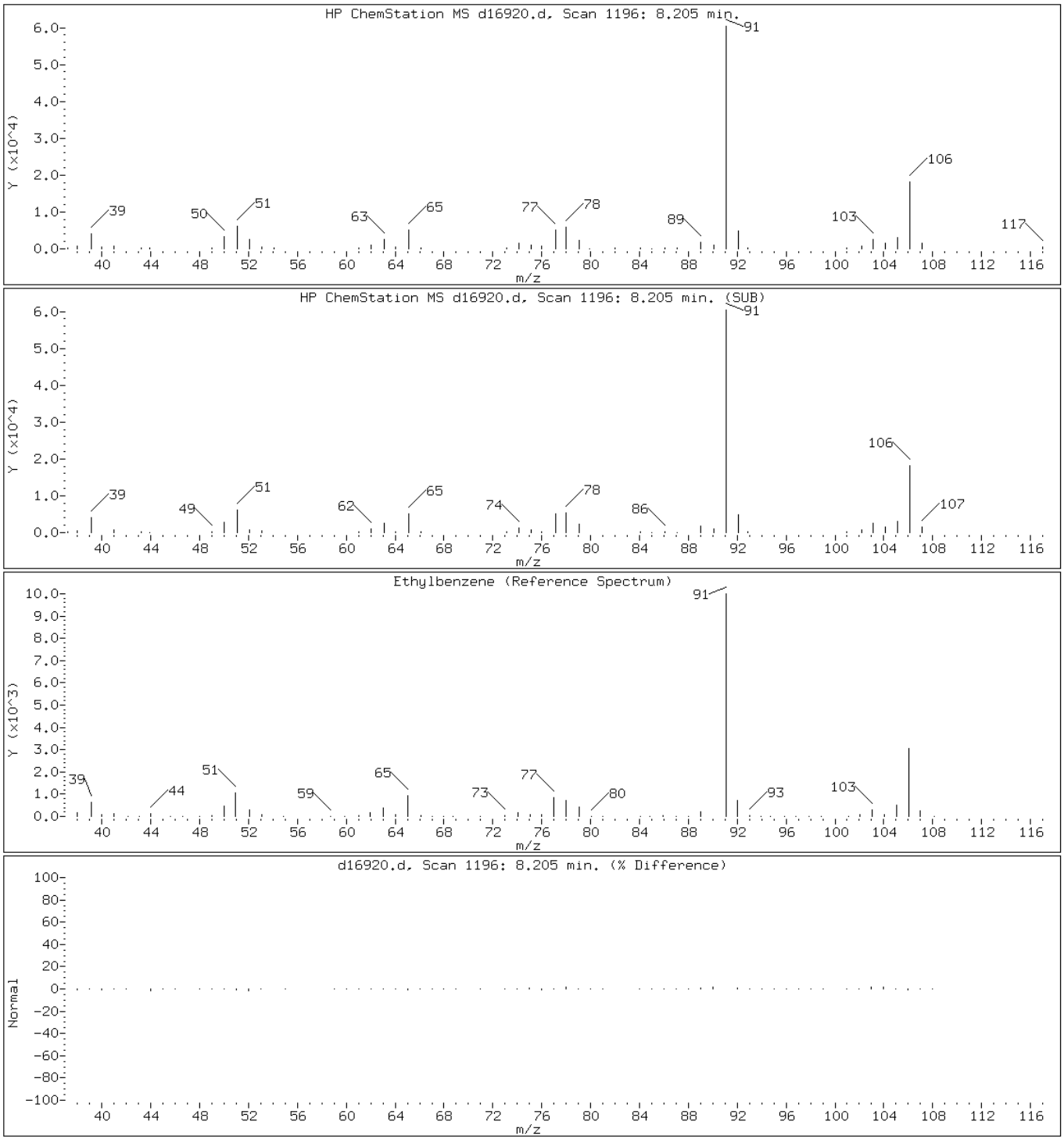
Data File: d16920.d

Date: 05-MAR-2010 13:59

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-11 Operator:

81 Ethylbenzene



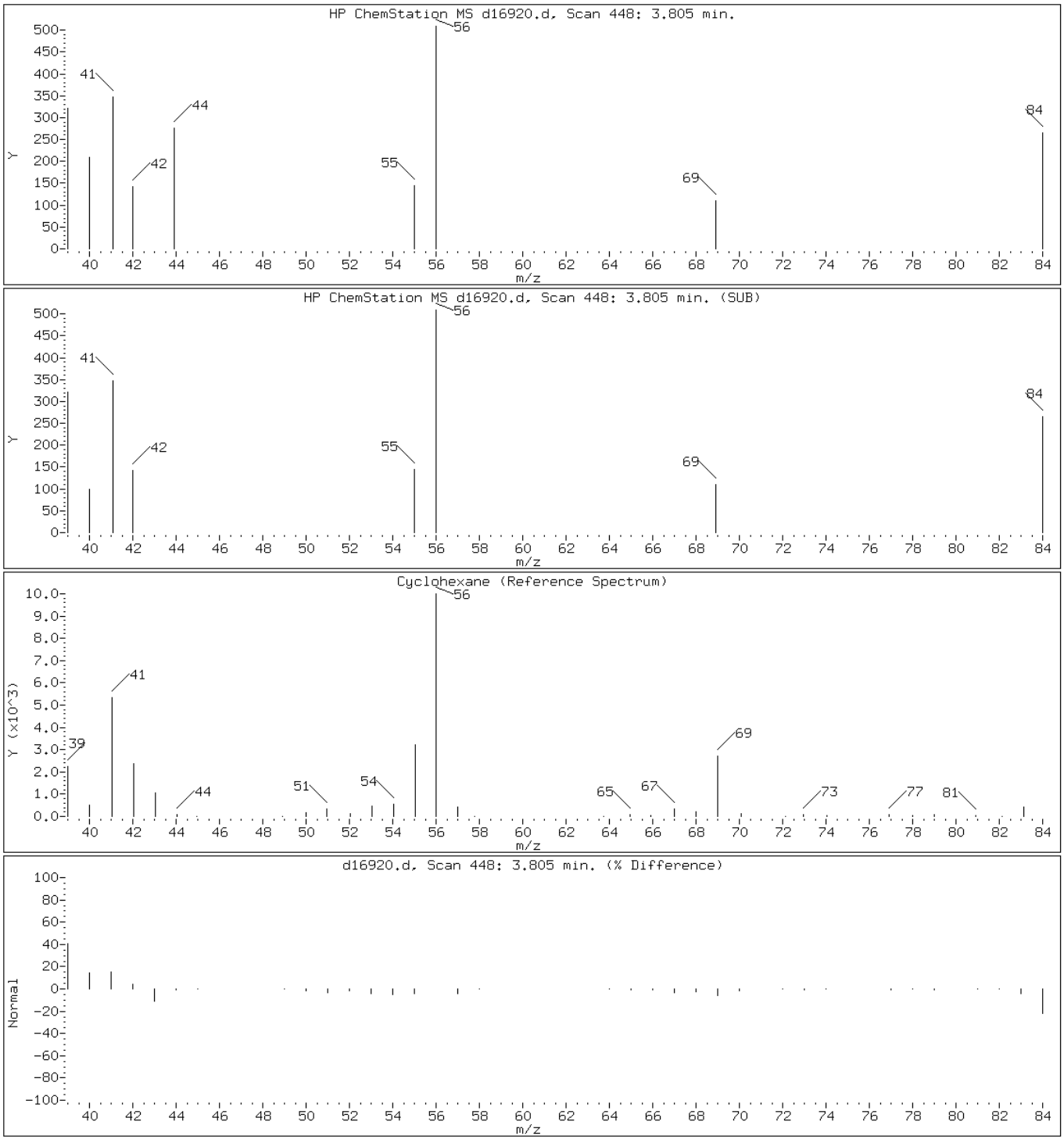
Data File: d16920.d

Date: 05-MAR-2010 13:59

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-11 Operator:

44 Cyclohexane



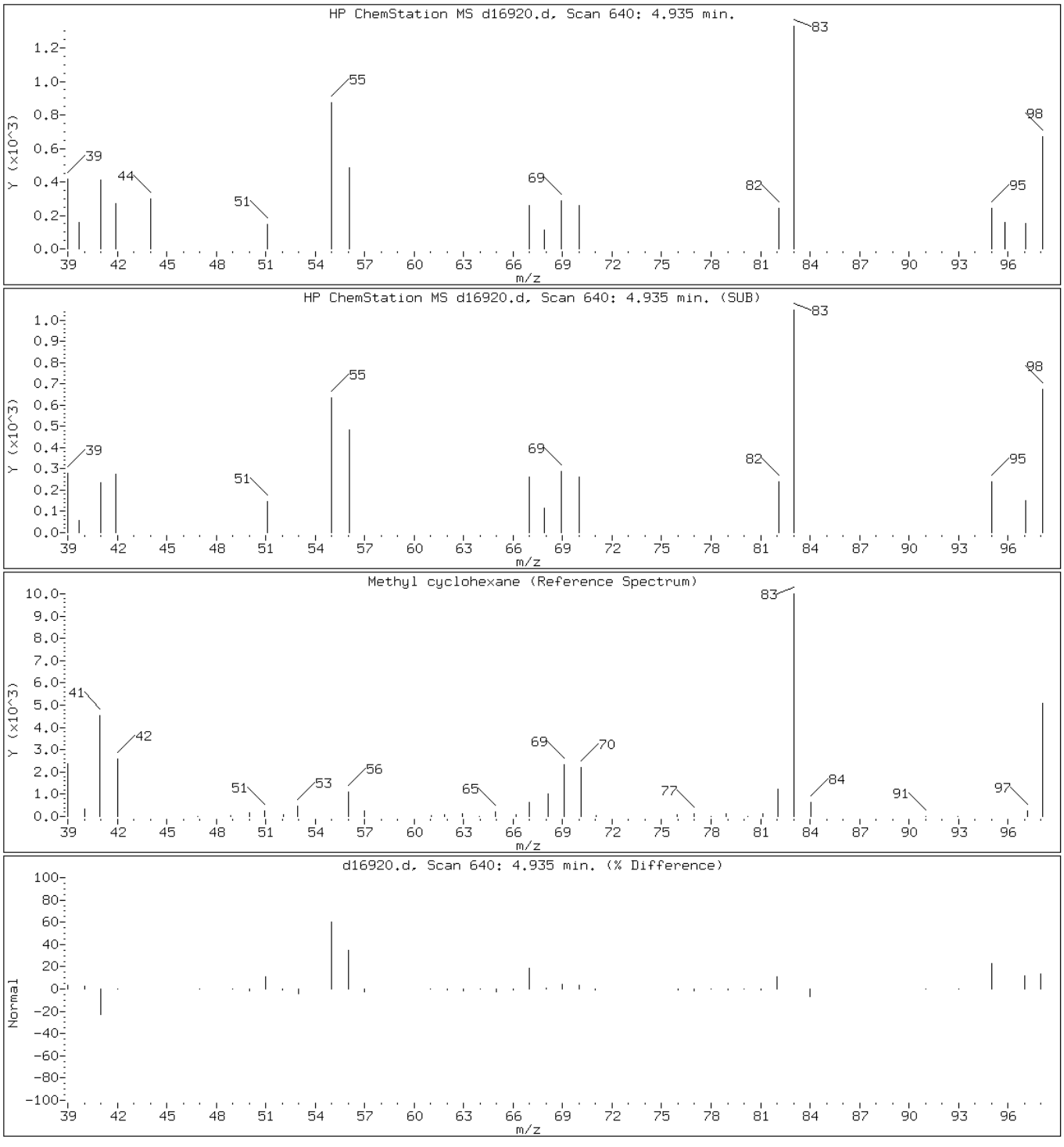
Data File: d16920.d

Date: 05-MAR-2010 13:59

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-11 Operator:

56 Methyl cyclohexane



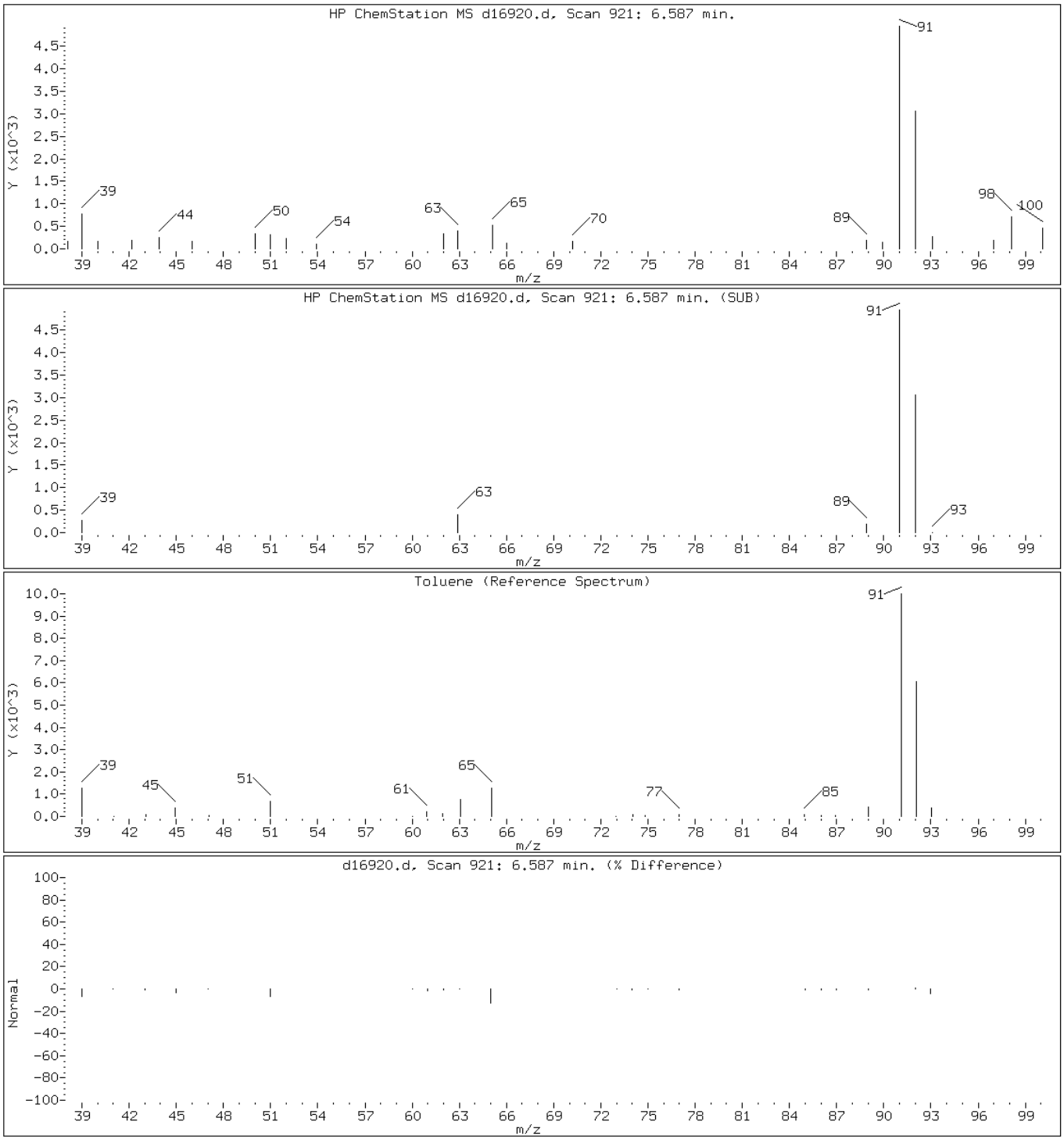
Data File: d16920.d

Date: 05-MAR-2010 13:59

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-11 Operator:

66 Toluene



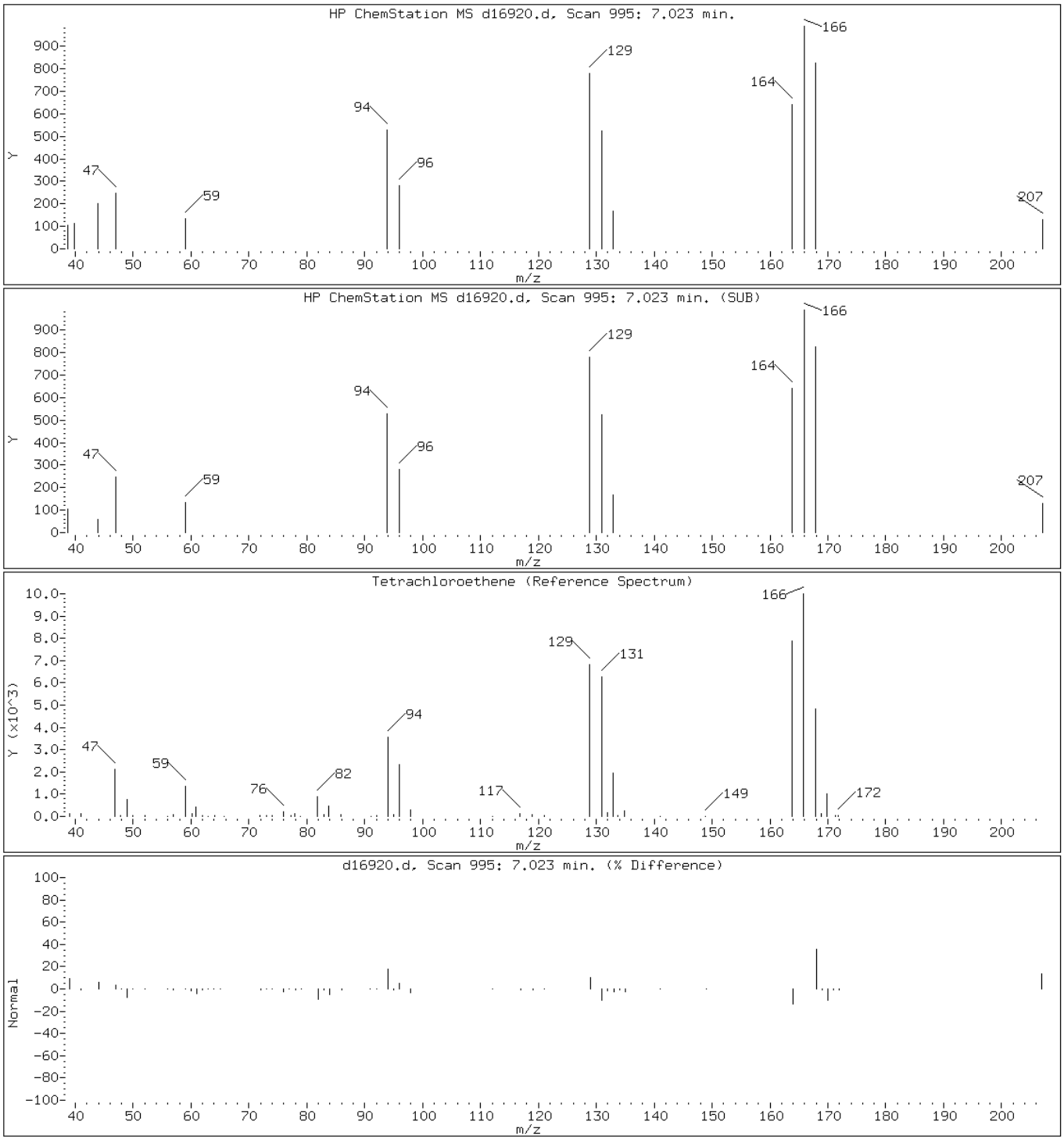
Data File: d16920.d

Date: 05-MAR-2010 13:59

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-11 Operator:

71 Tetrachloroethene



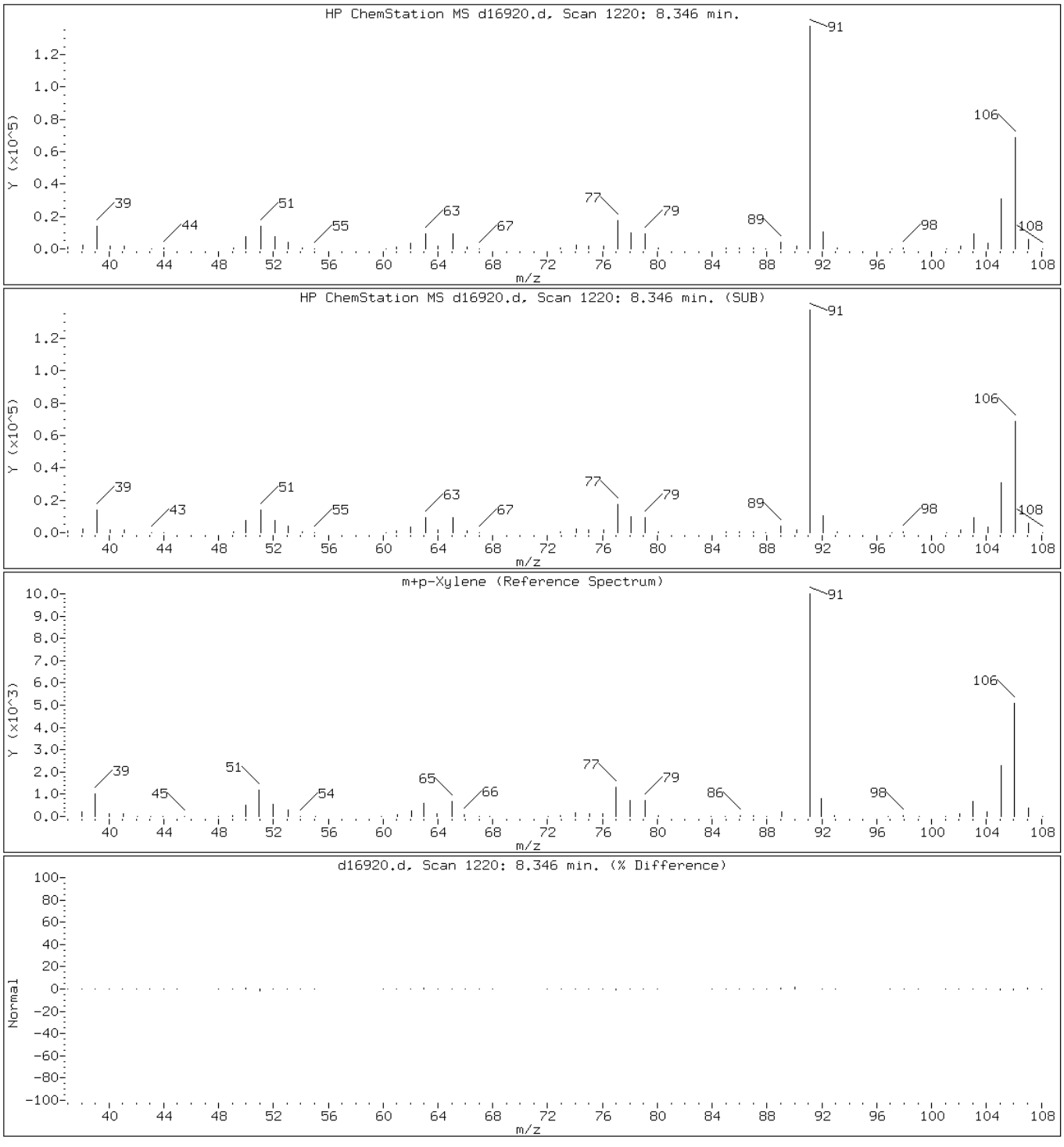
Data File: d16920.d

Date: 05-MAR-2010 13:59

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-11 Operator:

82 m+p-Xylene



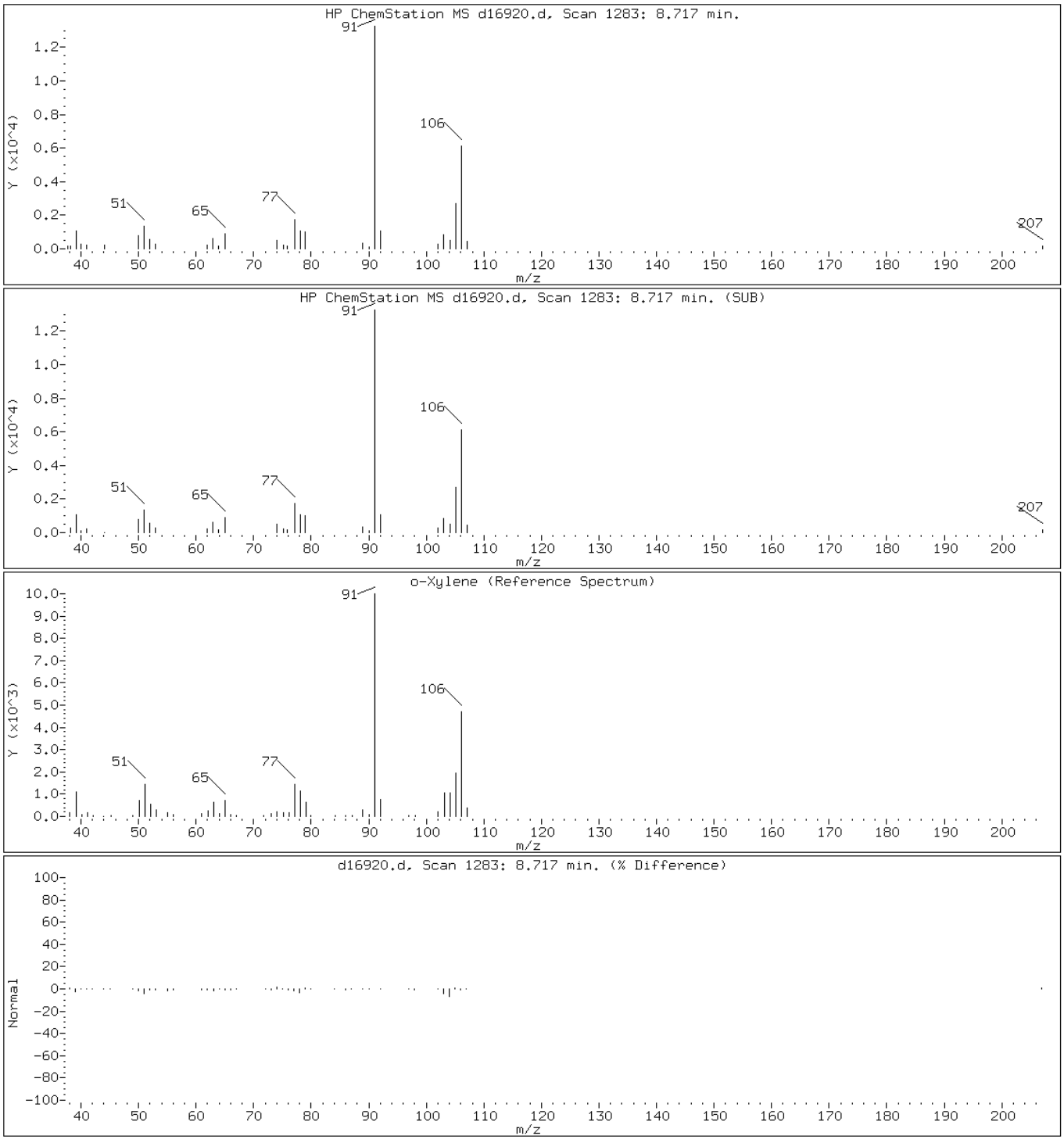
Data File: d16920.d

Date: 05-MAR-2010 13:59

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-11 Operator:

84 o-Xylene



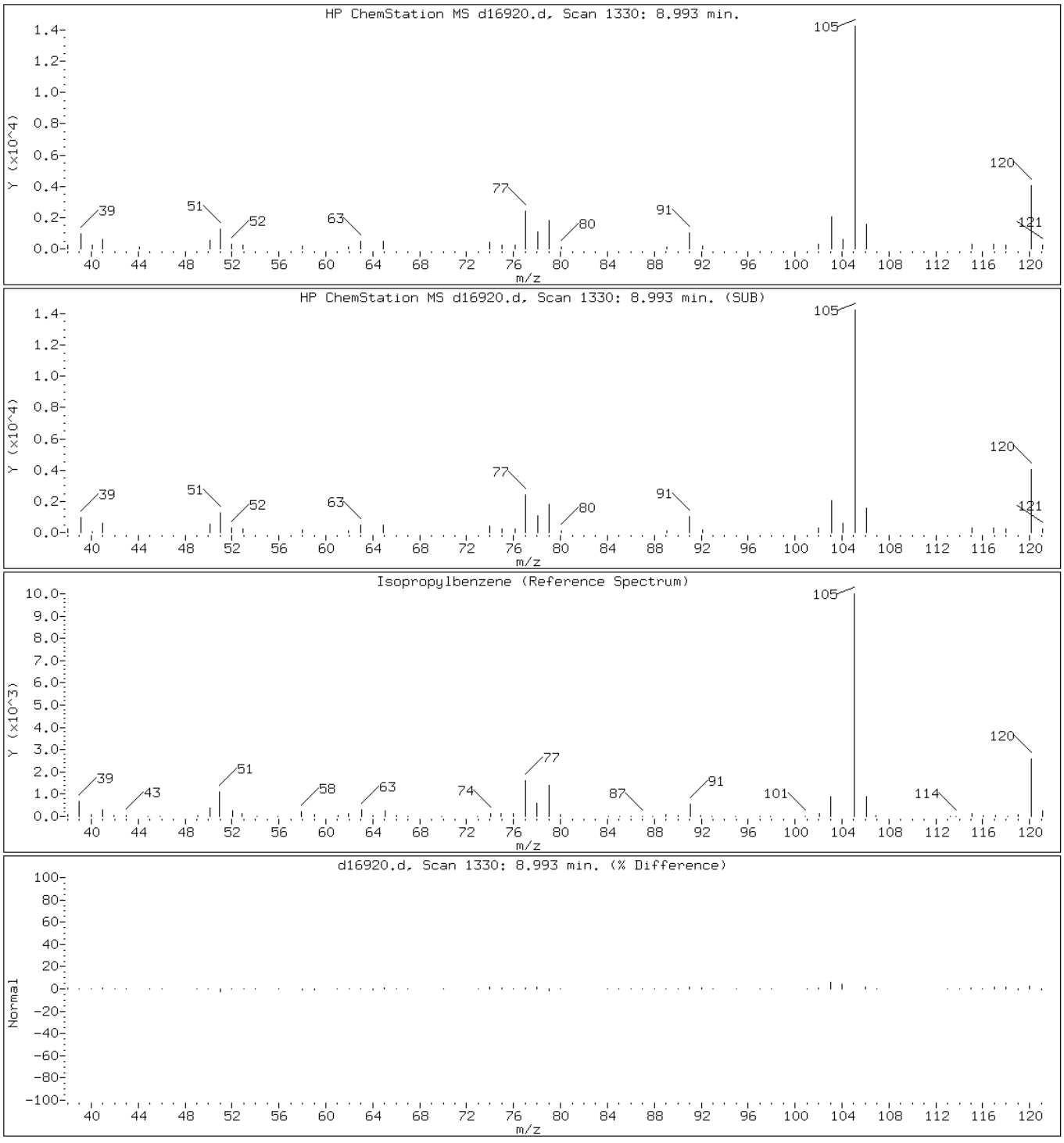
Data File: d16920.d

Date: 05-MAR-2010 13:59

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-11 Operator:

88 Isopropylbenzene



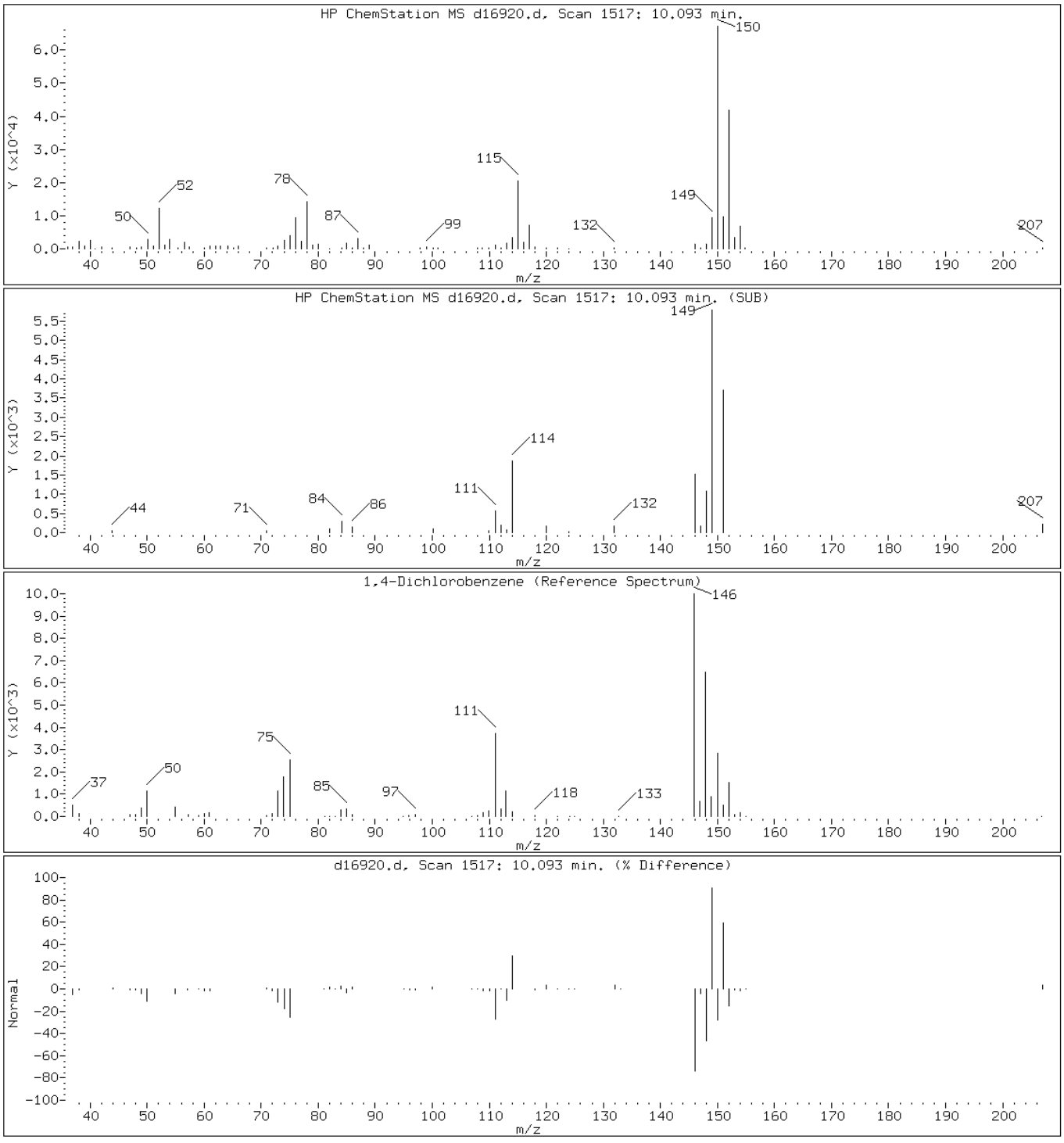
Data File: d16920.d

Date: 05-MAR-2010 13:59

Client ID: GW-017338-030210-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-11 Operator:

109 1,4-Dichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-012 Lab Sample ID: 460-10889-12

Matrix: GW Lab File ID: d16930.d

Analysis Method: 8260B Date Collected: 03/02/2010 14:35

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 18:02

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	0.50
75-71-8	Dichlorodifluoromethane	2.0	U	2.0	0.58
74-87-3	Chloromethane	2.0	U	2.0	0.42
75-01-4	Vinyl chloride	2.0	U	2.0	0.26
74-83-9	Bromomethane	2.0	U	2.0	0.62
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.30
95-50-1	1,2-Dichlorobenzene	2.0	U	2.0	0.32
75-69-4	Trichlorofluoromethane	2.0	U	2.0	0.32
75-35-4	1,1-Dichloroethene	2.0	U	2.0	0.28
78-87-5	1,2-Dichloropropane	2.0	U	2.0	0.18
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	2.0	0.56
67-64-1	Acetone	20	U	20	5.0
75-15-0	Carbon disulfide	2.0	U	2.0	0.30
79-20-9	Methyl acetate	4.0	U	4.0	0.66
75-09-2	Methylene Chloride	2.0	U	2.0	0.38
156-60-5	trans-1,2-Dichloroethene	2.0	U	2.0	0.28
124-48-1	Chlorodibromomethane	2.0	U	2.0	0.22
1634-04-4	Methyl tert-butyl ether	2.0	U	2.0	0.36
75-00-3	Chloroethane	2.0	U	2.0	0.90
75-34-3	1,1-Dichloroethane	2.0	U	2.0	0.20
156-59-2	cis-1,2-Dichloroethene	2.0	U	2.0	0.40
78-93-3	2-Butanone (MEK)	20	U	20	1.6
67-66-3	Chloroform	2.0	U	2.0	0.30
100-41-4	Ethylbenzene	870		2.0	0.50
110-82-7	Cyclohexane	9.9		2.0	0.26
56-23-5	Carbon tetrachloride	2.0	U	2.0	0.38
71-43-2	Benzene	5.6		2.0	0.26
107-06-2	1,2-Dichloroethane	2.0	U	2.0	0.48
79-01-6	Trichloroethene	2.0	U	2.0	0.36
108-87-2	Methylcyclohexane	28		2.0	0.18
75-27-4	Dichlorobromomethane	2.0	U	2.0	0.19
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	0.22
108-10-1	4-Methyl-2-pentanone (MIBK)	20	U	20	1.4
108-88-3	Toluene	3400	E	2.0	0.18
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-012 Lab Sample ID: 460-10889-12

Matrix: GW Lab File ID: d16930.d

Analysis Method: 8260B Date Collected: 03/02/2010 14:35

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 18:02

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	0.20
127-18-4	Tetrachloroethene	2.0	U	2.0	0.40
591-78-6	2-Hexanone	20	U	20	1.1
106-93-4	1,2-Dibromoethane	2.0	U	2.0	0.18
108-90-7	Chlorobenzene	2.0	U	2.0	0.32
1330-20-7	Xylenes, Total	1700		6.0	0.86
100-42-5	Styrene	2.0	U	2.0	0.26
75-25-2	Bromoform	2.0	U	2.0	0.20
98-82-8	Isopropylbenzene	360		2.0	0.42
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.18
541-73-1	1,3-Dichlorobenzene	2.0	U	2.0	0.44
106-46-7	1,4-Dichlorobenzene	2.0	U	2.0	0.30
120-82-1	1,2,4-Trichlorobenzene	2.0	U	2.0	0.88

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82	70-122	
460-00-4	4-Bromofluorobenzene	96	69-135	
2037-26-5	Toluene-d8 (Surr)	94	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-012 Lab Sample ID: 460-10889-12

Matrix: GW Lab File ID: d16930.d

Analysis Method: 8260B Date Collected: 03/02/2010 14:35

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 18:02

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

Number TICs Found: 10 TIC Result Total: 2770

CAS NO.	COMPOUND NAME	RT	RESULT	Q
103-65-1	N-Propylbenzene	9.33	580	
496-11-7	Indane	10.22	790	T J N
	Diethylbenzene isomer	10.26	83	T J
	Ethyldimethylbenzene isomer	10.56	260	T J
767-58-8	Indan, 1-methyl-	10.63	52	T J N
	Tetramethylbenzene isomer	10.85	160	T J
	2,3-dihydro-methyl-1H-Indene isomer	11.04	160	T J
	2,3-dihydro-methyl-1H-Indene isomer -1	11.17	600	T J
	C10H10 Aromatic	11.36	33	T J
91-20-3	Naphthalene	11.70	52	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16930.d
Report Date: 05-Mar-2010 21:33

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16930.d
Lab Smp Id: 460-10889-C-12 Client Smp ID: GW-017338-030210-AC
Inj Date : 05-MAR-2010 18:02
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-12;2
Misc Info : 460-10889-C-12
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 20:36 eddie Quant Type: ISTD
Cal Date : 05-MAR-2010 18:51 Cal File: d16932.d
Als bottle: 27
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	44 Cyclohexane	56	3.799	3.794	(0.795)	26450	4.94386	9.9
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.505	4.500	(0.942)	22701	41.2250	41
	48 Benzene	78	4.376	4.370	(0.538)	39639	2.79835	5.6
	51 n-Heptane	57	4.370	4.358	(0.914)	4587	1.88328	3.8(a)
*	52 Fluorobenzene	96	4.782	4.776	(1.000)	539027	50.0000	
	56 Methyl cyclohexane	83	4.935	4.923	(1.032)	85661	13.8574	28
$	65 Toluene-d8 (SUR)	98	6.529	6.517	(0.802)	492880	47.2222	47
	66 Toluene	91	6.582	6.576	(0.808)	24104176	1708.35	3400(A)
*	78 Chlorobenzene-d5	117	8.140	8.140	(1.000)	390700	50.0000	
	81 Ethylbenzene	106	8.211	8.205	(1.009)	1981362	434.237	870
	82 m+p-Xylene	106	8.346	8.346	(1.025)	3540196	619.519	1200
	84 o-Xylene	106	8.717	8.717	(1.071)	1300390	232.741	460
	88 Isopropylbenzene	105	8.993	8.987	(1.105)	2725829	178.300	360
$	89 Bromofluorobenzene (SUR)	174	9.205	9.205	(0.913)	167309	47.8802	48
	95 n-Propylbenzene	91	9.328	9.329	(0.925)	4975396	289.328	580
	97 1,3,5-Trimethylbenzene	105	9.493	9.493	(0.942)	5508	0.44637	0.89(aH)

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16930.d
Report Date: 05-Mar-2010 21:33

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	100 tert-Butylbenzene	119	9.734	9.734	(0.966)	2030	0.20807	0.42(a)
	101 1,2,4-Trimethylbenzene	105	9.793	9.793	(0.971)	45548	3.48100	7.0
	103 sec-Butylbenzene	105	9.875	9.870	(0.980)	61377	3.89691	7.8
*	108 1,4-Dichlorobenzene-d4	152	10.081	10.076	(1.000)	210518	50.0000	
	110 Benzyl Chloride	91	10.305	10.299	(1.022)	26423	1.23325	2.5
	106 n-Butylbenzene	91	10.305	10.299	(1.022)	26423	1.23325	2.5
	116 Naphthalene	128	11.705	11.705	(1.161)	304294	25.8526	52
M	121 Xylene (Total)	100				4840587	852.260	1700

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16930.d
Report Date: 05-Mar-2010 21:33

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16930.d
Lab Smp Id: 460-10889-C-12 Client Smp ID: GW-017338-030210-AC
Inj Date : 05-MAR-2010 18:02
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-12;2
Misc Info : 460-10889-C-12
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 20:36 eddie Quant Type: ISTD
Cal Date : 05-MAR-2010 18:51 Cal File: d16932.d
Als bottle: 27
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 108 1,4-Dichlorobenzene-d4	10.081	1344924	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Indane				CAS #: 496-11-7			
10.217	10680198	397.055561	790	89	NIST02.l	8674	108(L)
Diethylbenzene isomer				CAS #:			
10.264	1121884	41.7080735	83	0		0	108
Diethylbenzene isomer -1				CAS #:			
10.375	312485	11.6171833	23	0		0	108

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16930.d
Report Date: 05-Mar-2010 21:33

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Ethyldimethylbenzene isomer					CAS #:		
10.558	3463866	128.775455	260	0		0	108
Indan, 1-methyl-					CAS #: 767-58-8		
10.628	700264	26.0335776	52	91	NIST02.l	13567	108
Tetramethylbenzene isomer					CAS #:		
10.852	2111383	78.4944482	160	0		0	108
2,3-dihydro-methyl-1H-Indene isomer					CAS #:		
11.040	2116059	78.6682988	160	0		0	108
2,3-dihydro-methyl-1H-Indene isomer -1					CAS #:		
11.169	8038910	298.860932	600	0		0	108
C10H10 Aromatic/Unknown					CAS #:		
11.269	211614	7.86712565	16	0		0	108
C10H10 Aromatic					CAS #:		
11.364	439760	16.3488795	33	0		0	108

QC Flag Legend

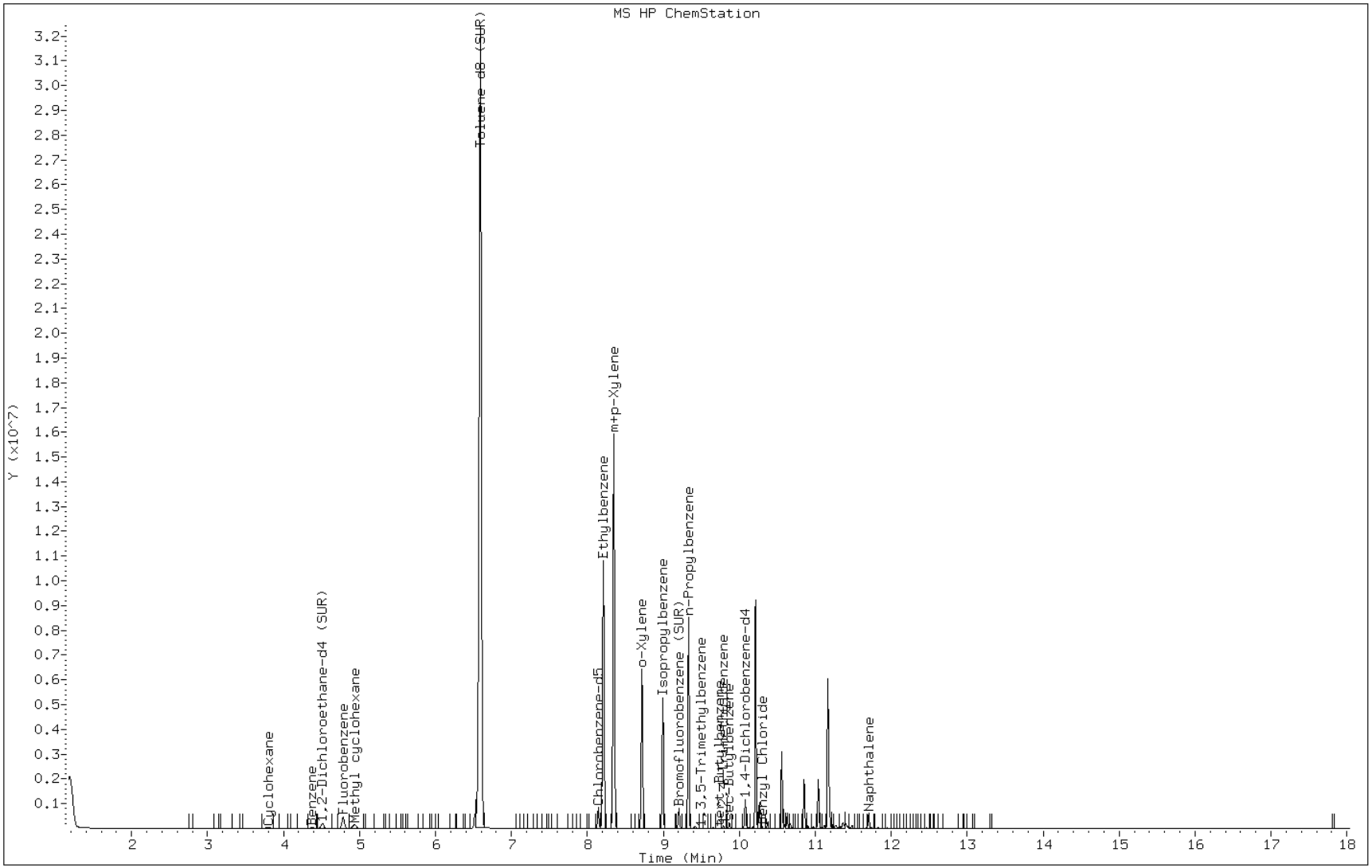
L - Operator selected an alternate library search match.

Data File: d16930.d

Date: 05-MAR-2010 18:02

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-12;2 Operator:



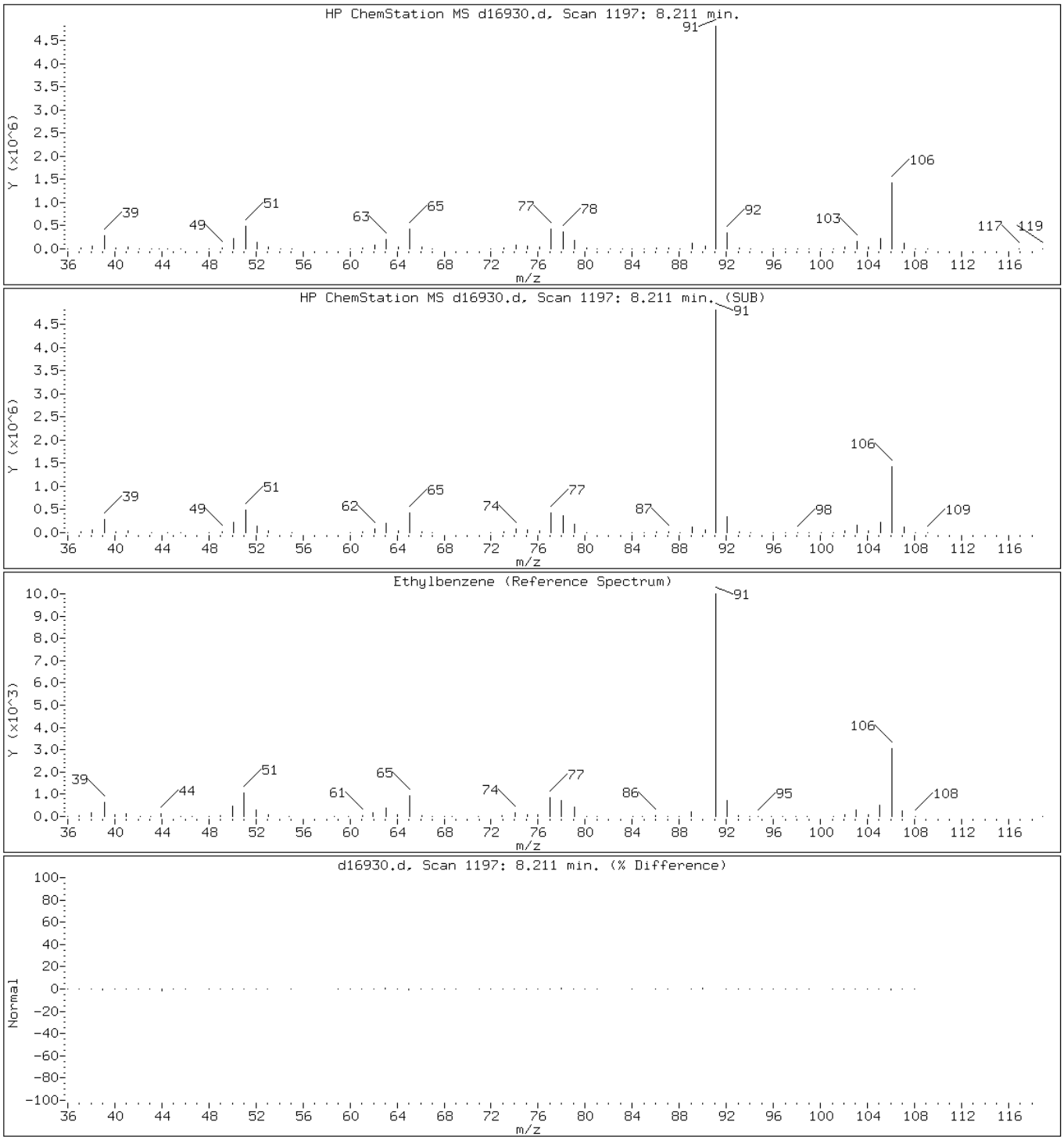
Data File: d16930.d

Date: 05-MAR-2010 18:02

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-12;2 Operator:

81 Ethylbenzene



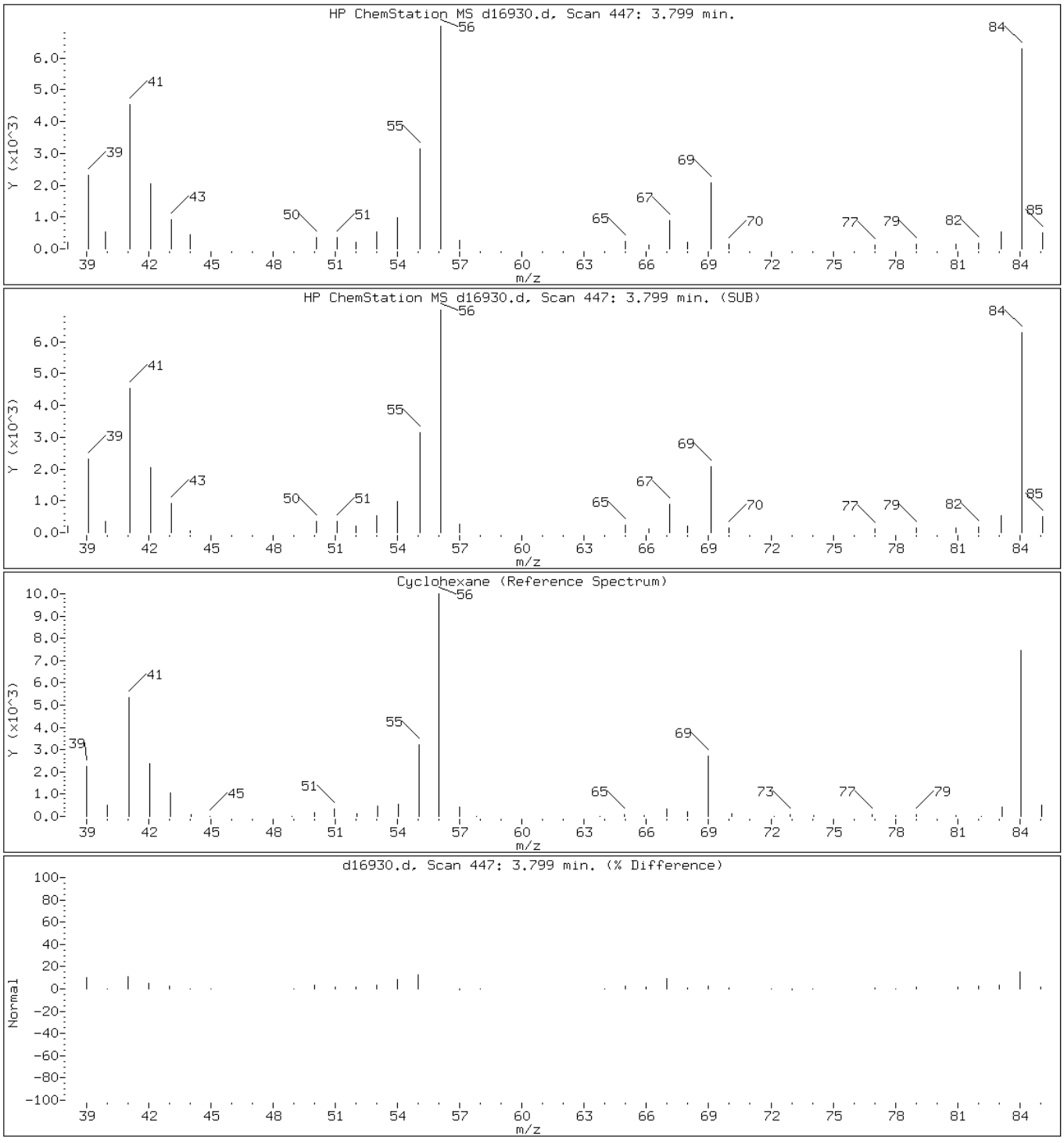
Data File: d16930.d

Date: 05-MAR-2010 18:02

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-12;2 Operator:

44 Cyclohexane



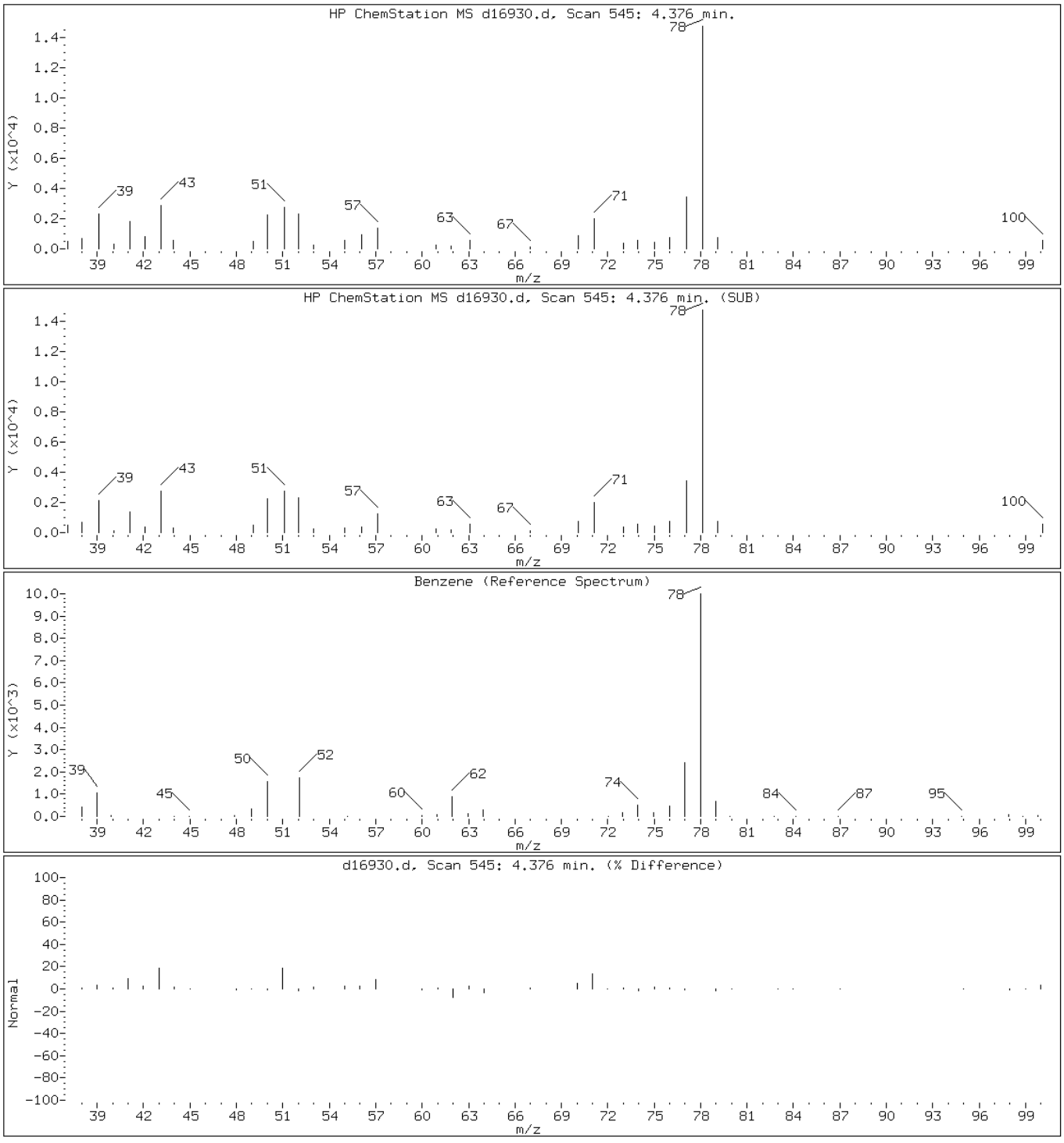
Data File: d16930.d

Date: 05-MAR-2010 18:02

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-12;2 Operator:

48 Benzene



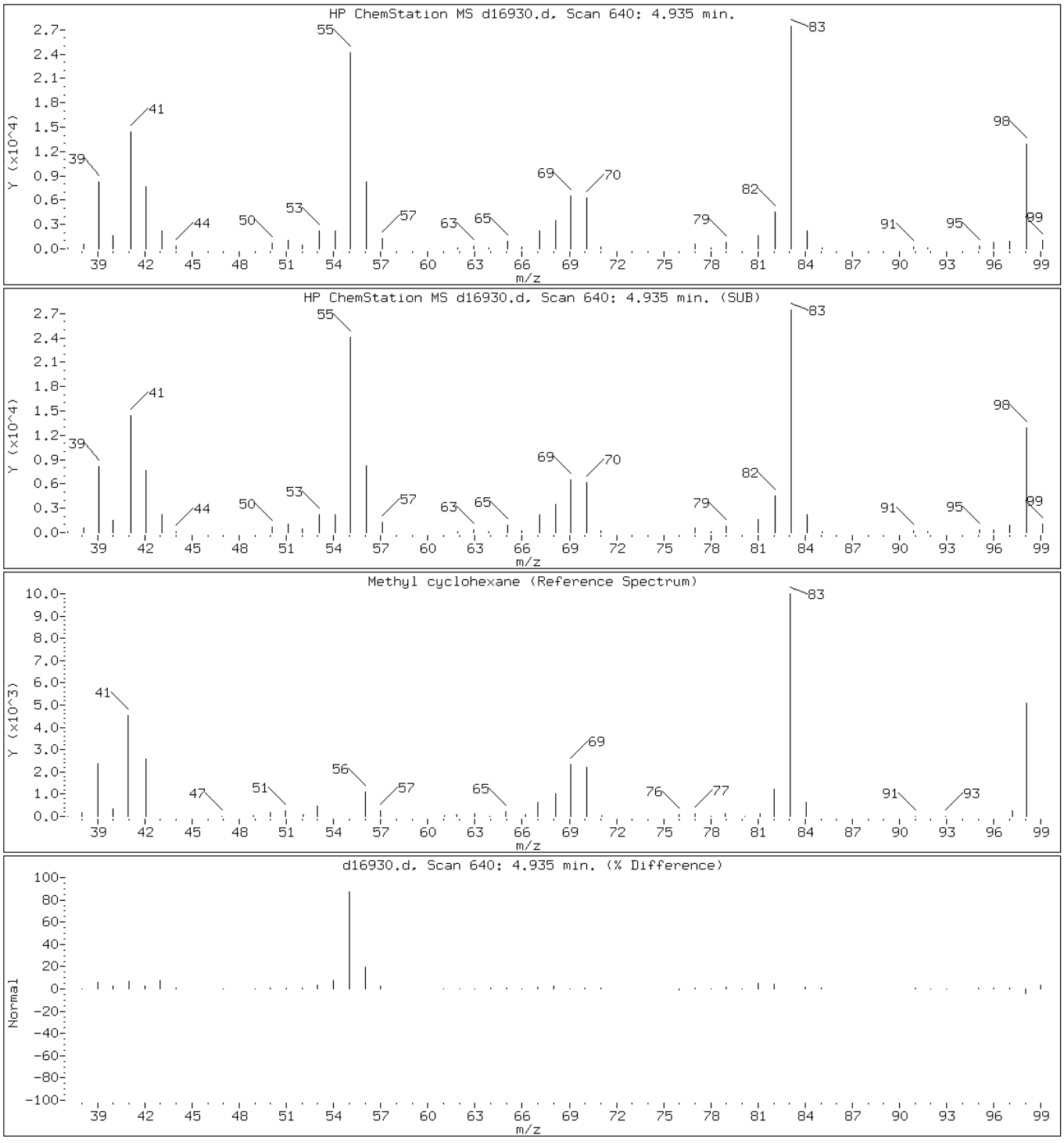
Data File: d16930.d

Date: 05-MAR-2010 18:02

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-12;2 Operator:

56 Methyl cyclohexane



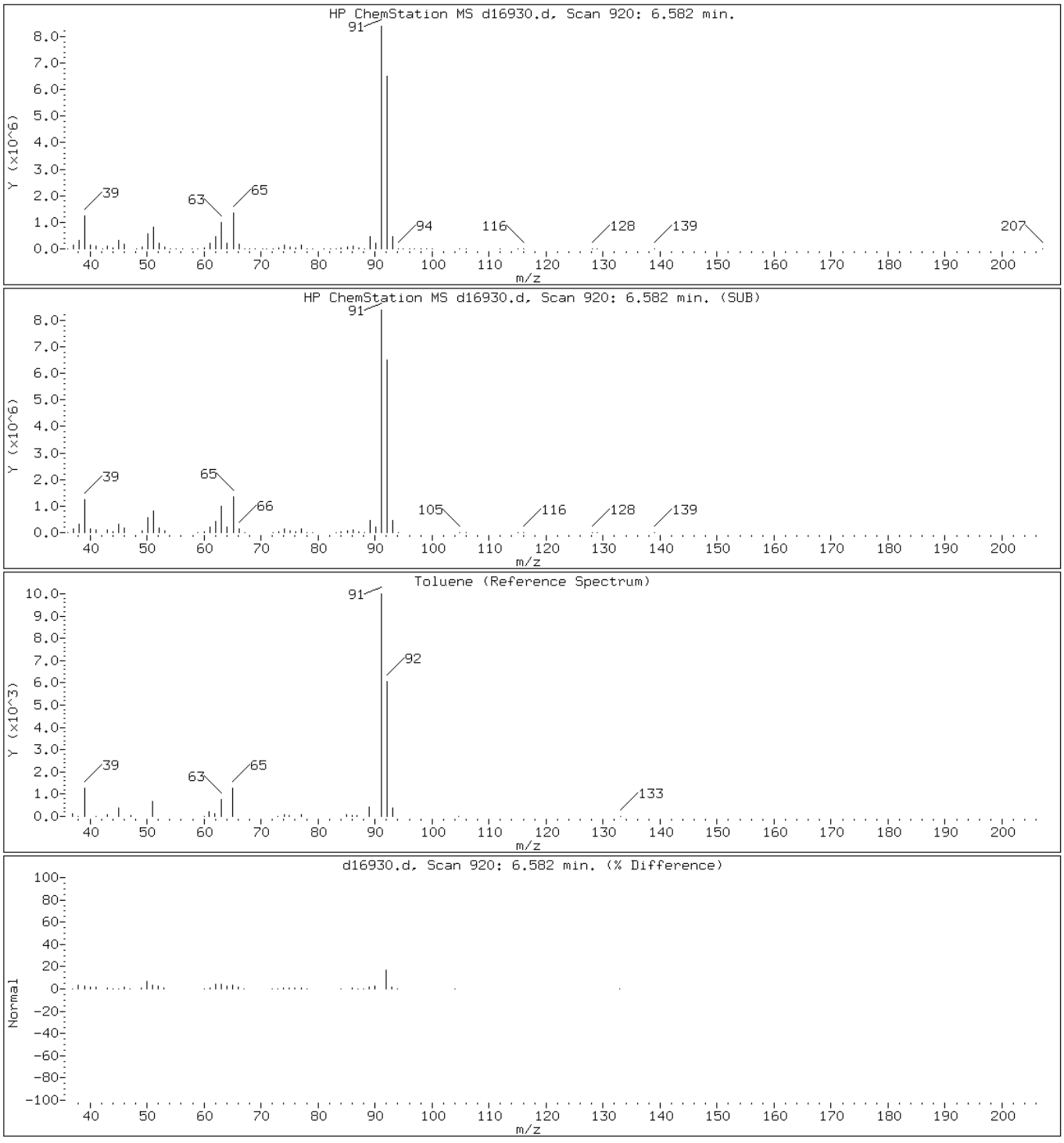
Data File: d16930.d

Date: 05-MAR-2010 18:02

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-12;2 Operator:

66 Toluene



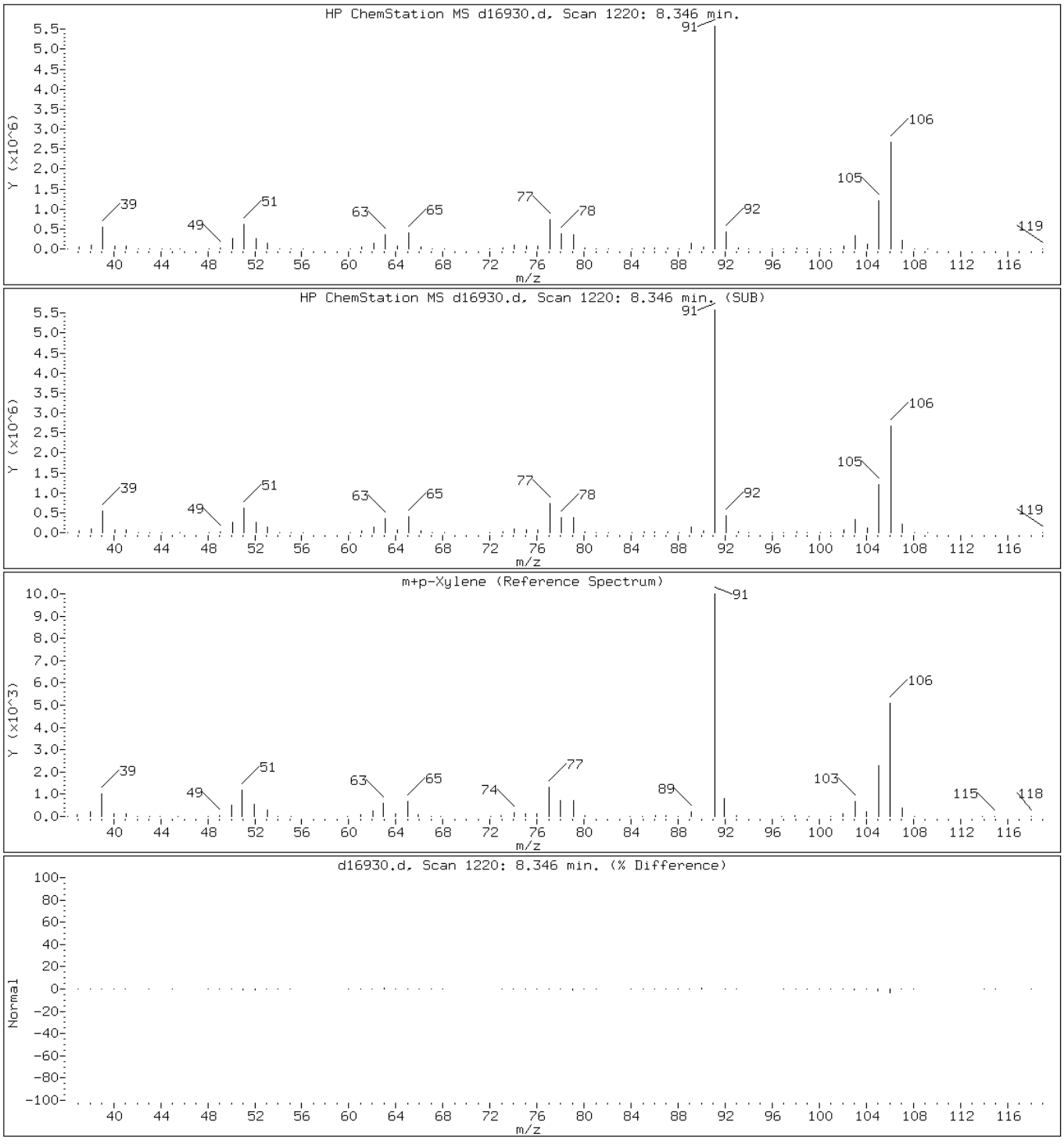
Data File: d16930.d

Date: 05-MAR-2010 18:02

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-12;2 Operator:

82 m+p-Xylene



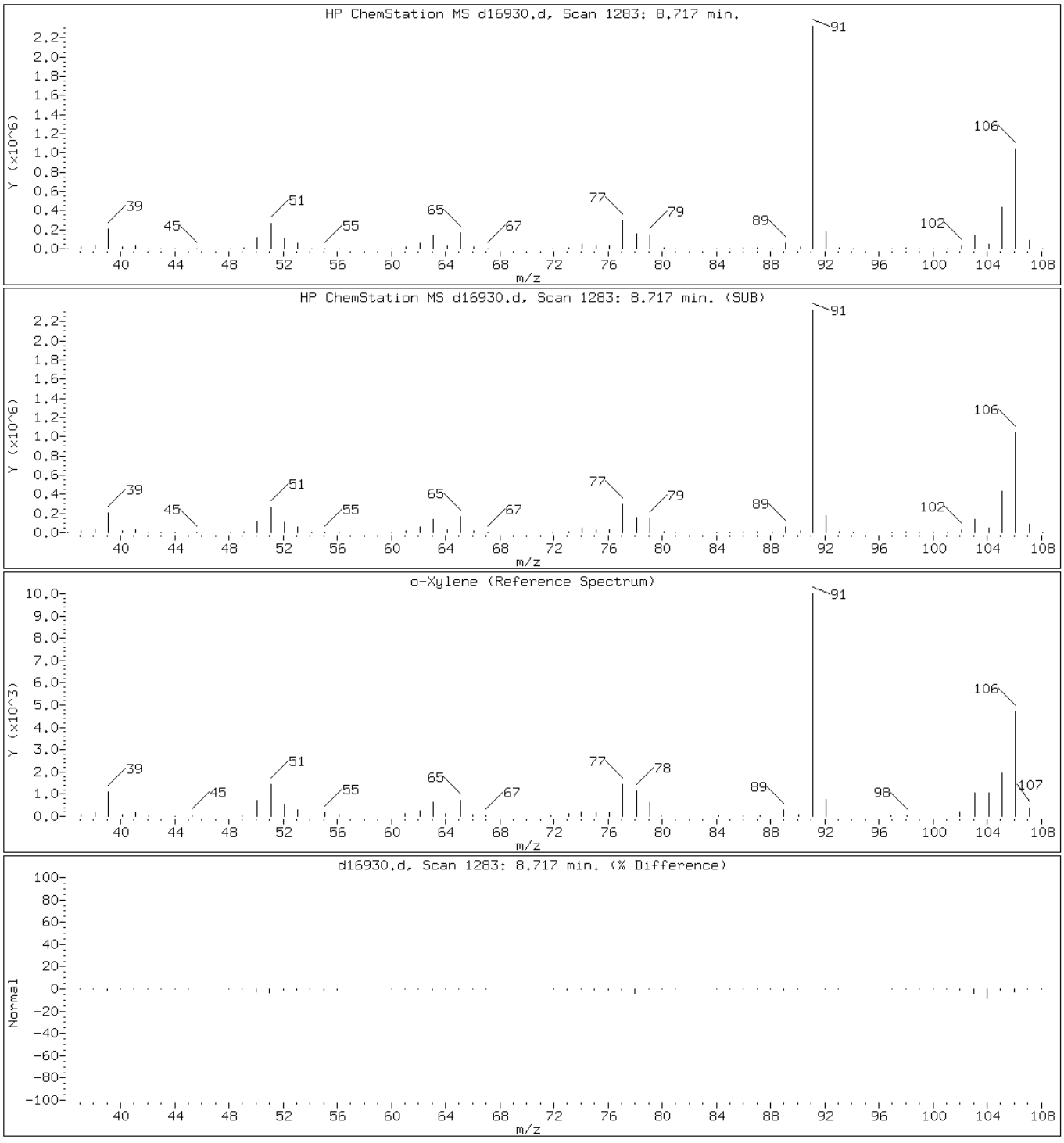
Data File: d16930.d

Date: 05-MAR-2010 18:02

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-12;2 Operator:

84 o-Xylene



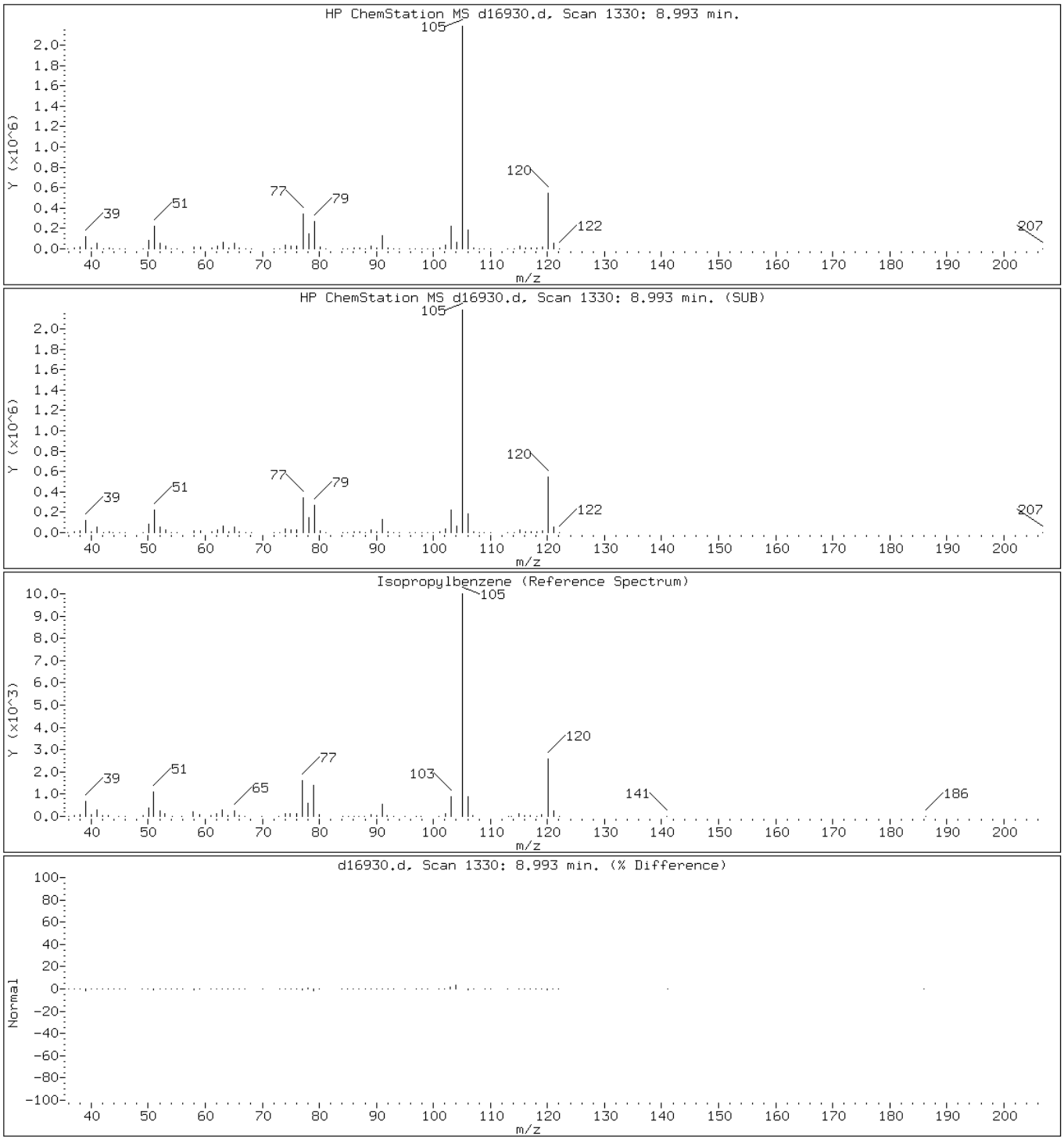
Data File: d16930.d

Date: 05-MAR-2010 18:02

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-12;2 Operator:

88 Isopropylbenzene



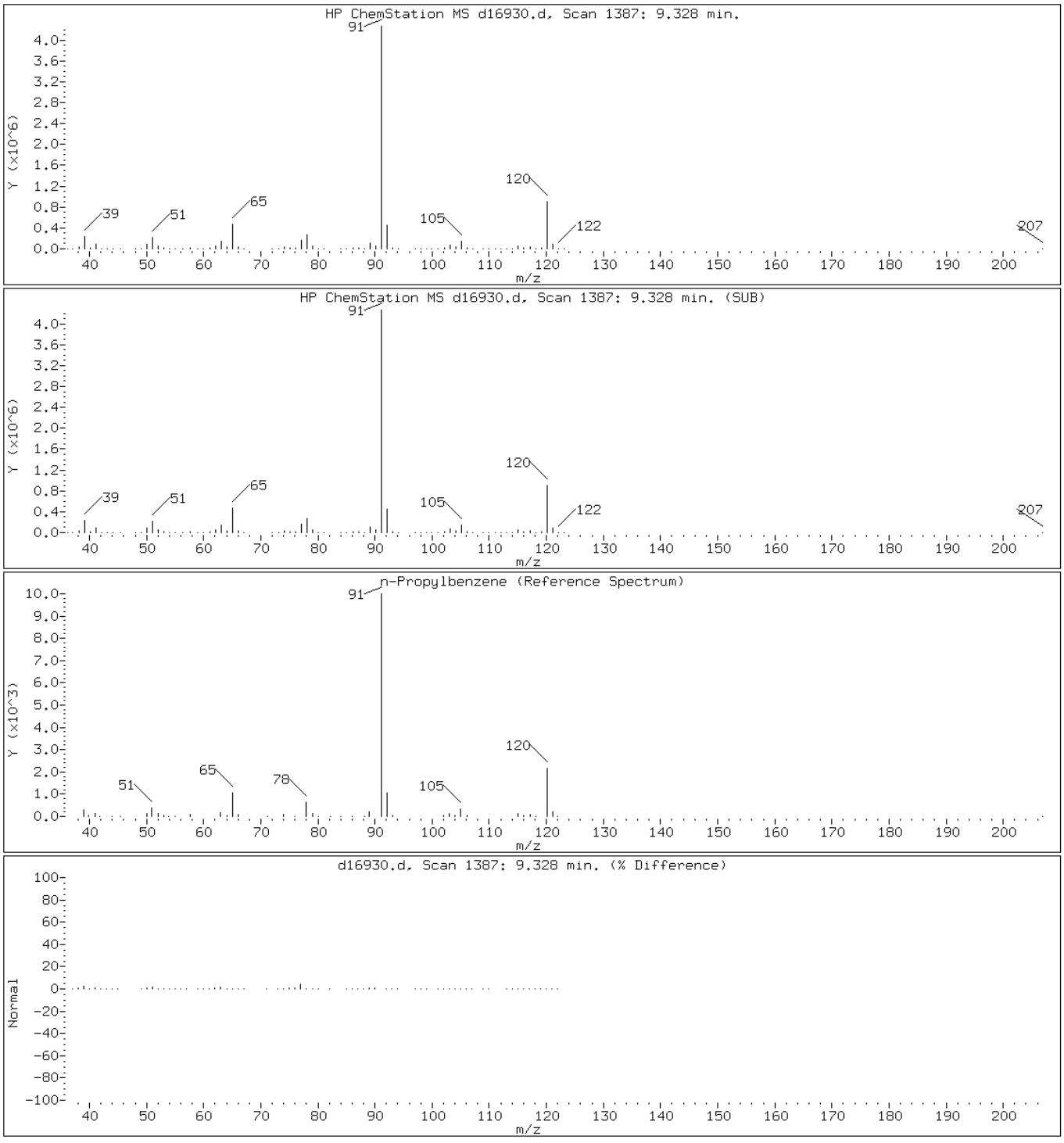
Data File: d16930.d

Date: 05-MAR-2010 18:02

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-12;2 Operator:

95 n-Propylbenzene



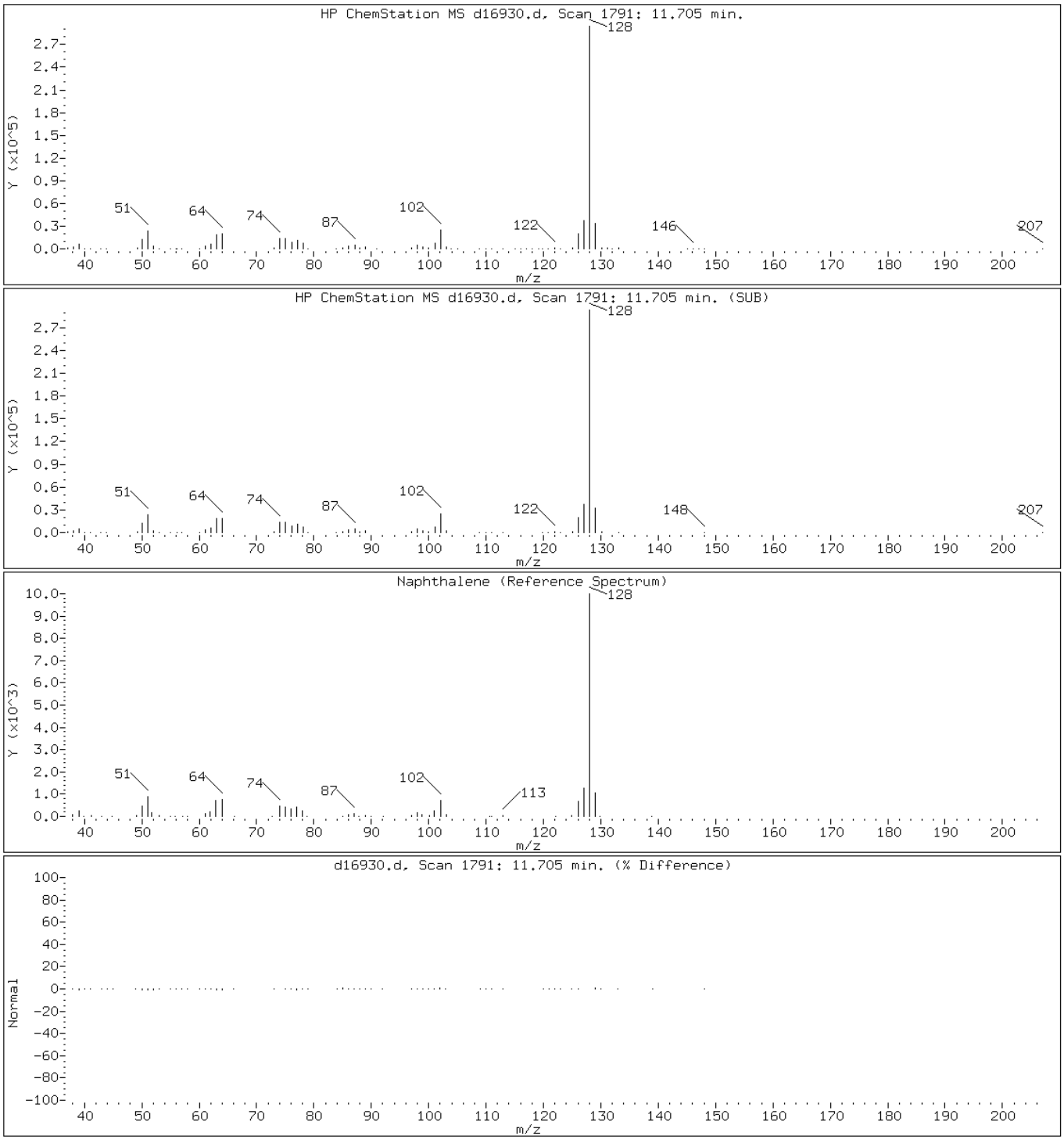
Data File: d16930.d

Date: 05-MAR-2010 18:02

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-12;2 Operator:

116 Naphthalene



Data File: d16930.d

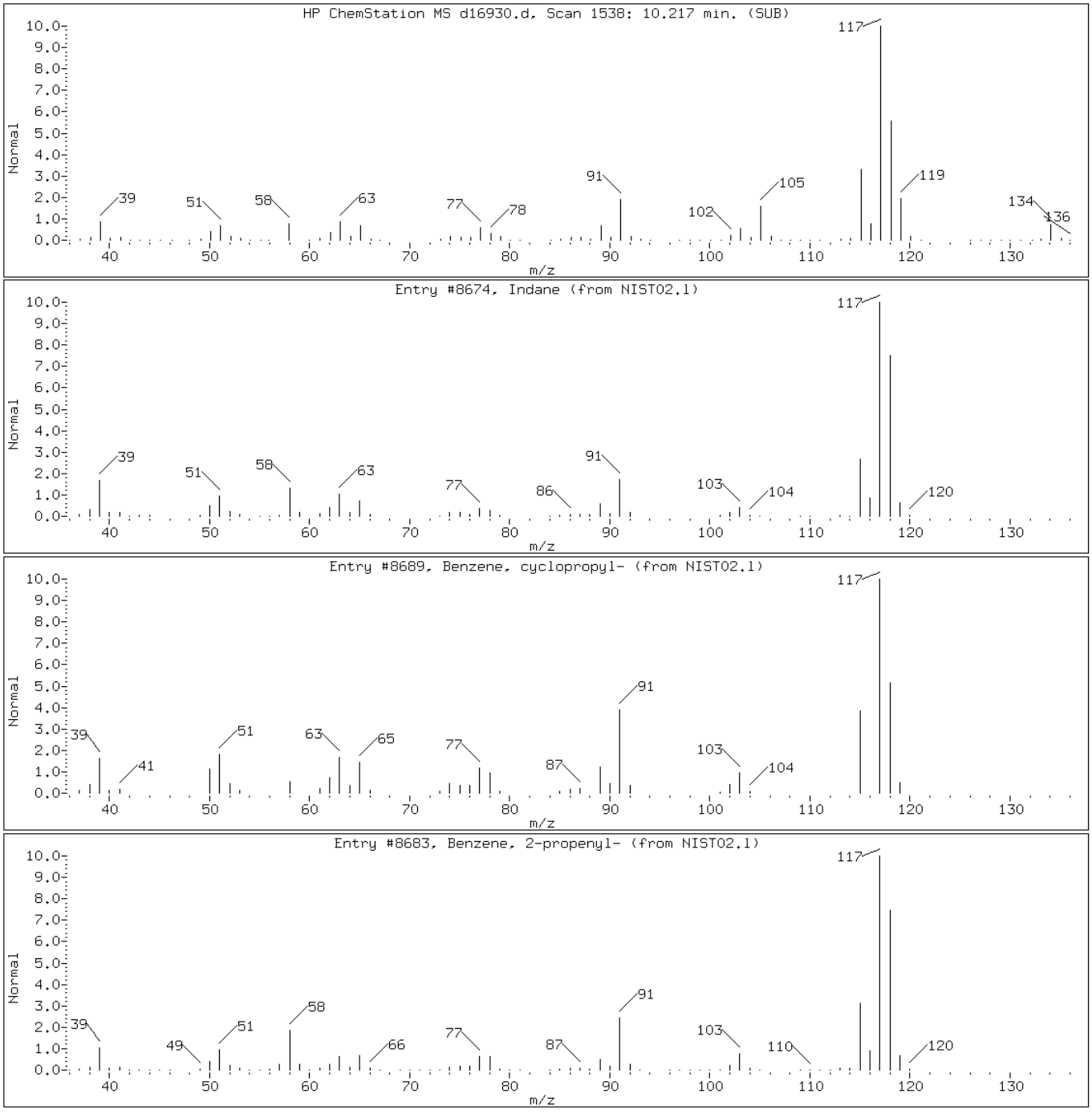
Date: 05-MAR-2010 18:02

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-12;2 Operator:

Retention Time: 10.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8674	89	C9H10	118
Benzene, cyclopropyl-	873-49-4	NIST02.l	8689	92	C9H10	118
Benzene, 2-propenyl-	300-57-2	NIST02.l	8683	70	C9H10	118



Data File: d16930.d

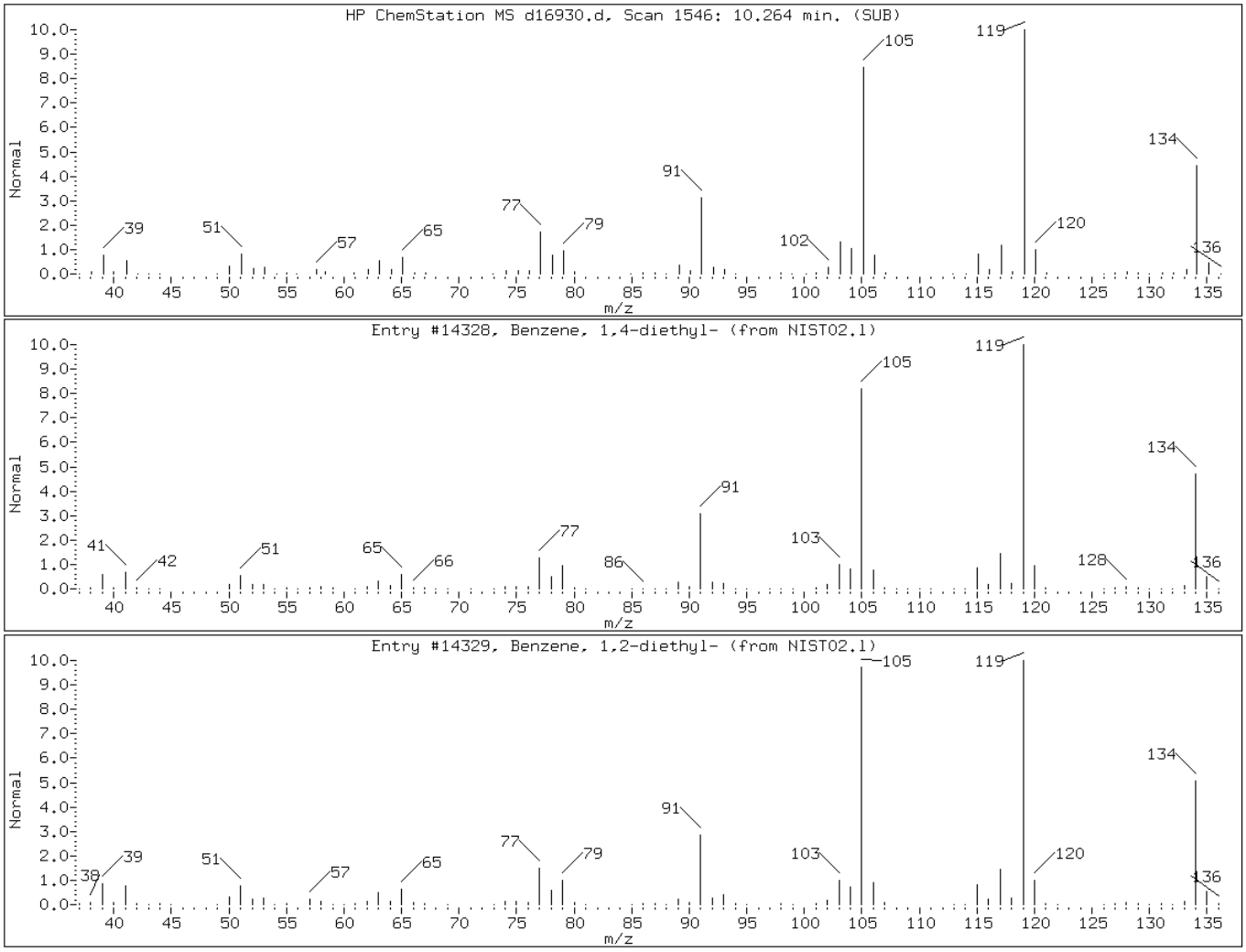
Date: 05-MAR-2010 18:02

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-12;2 Operator:

Retention Time: 10.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer						
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14328	97	C10H14	134
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14329	96	C10H14	134



Data File: d16930.d

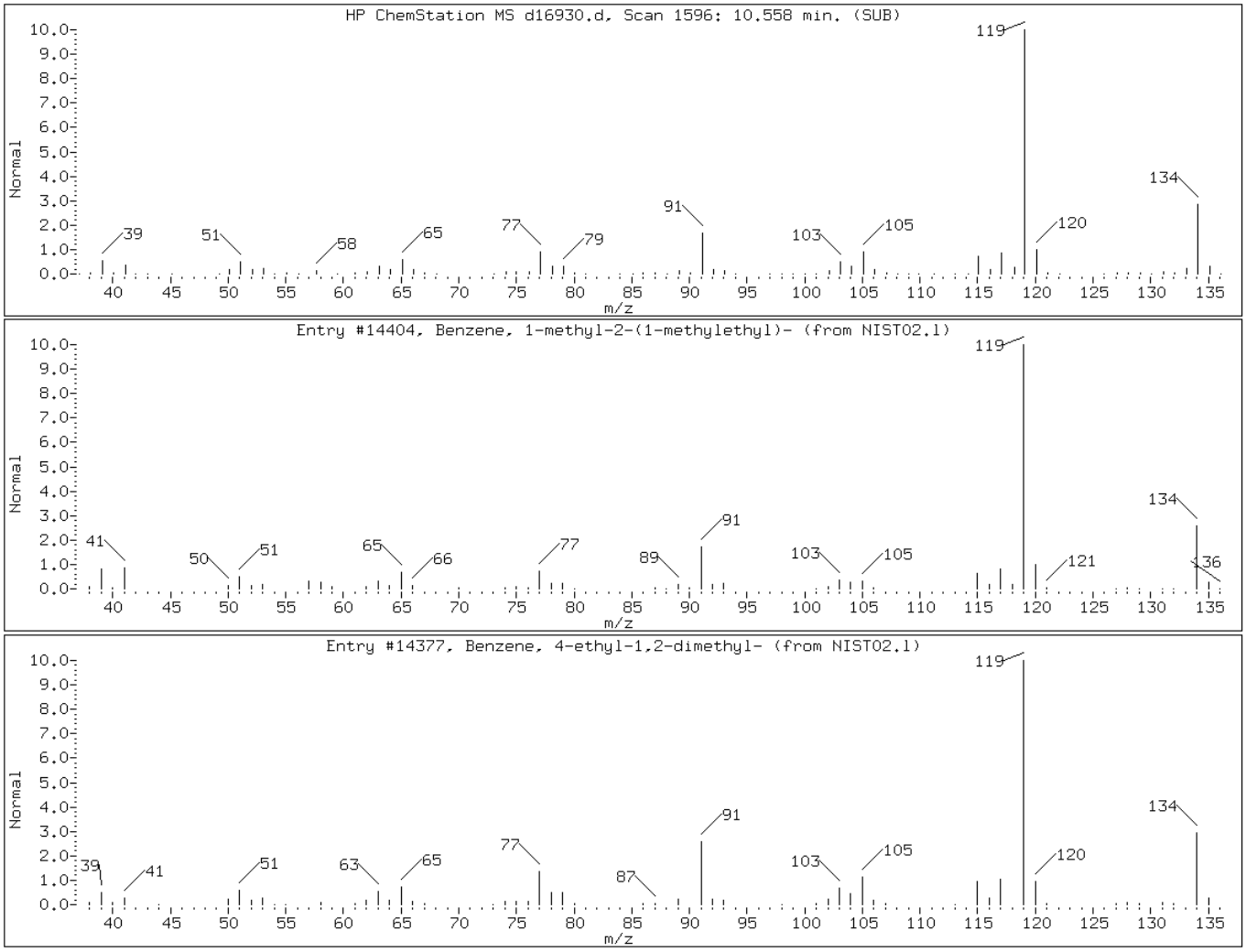
Date: 05-MAR-2010 18:02

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-12;2 Operator:

Retention Time: 10.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	97	C10H14	134
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	96	C10H14	134



Data File: d16930.d

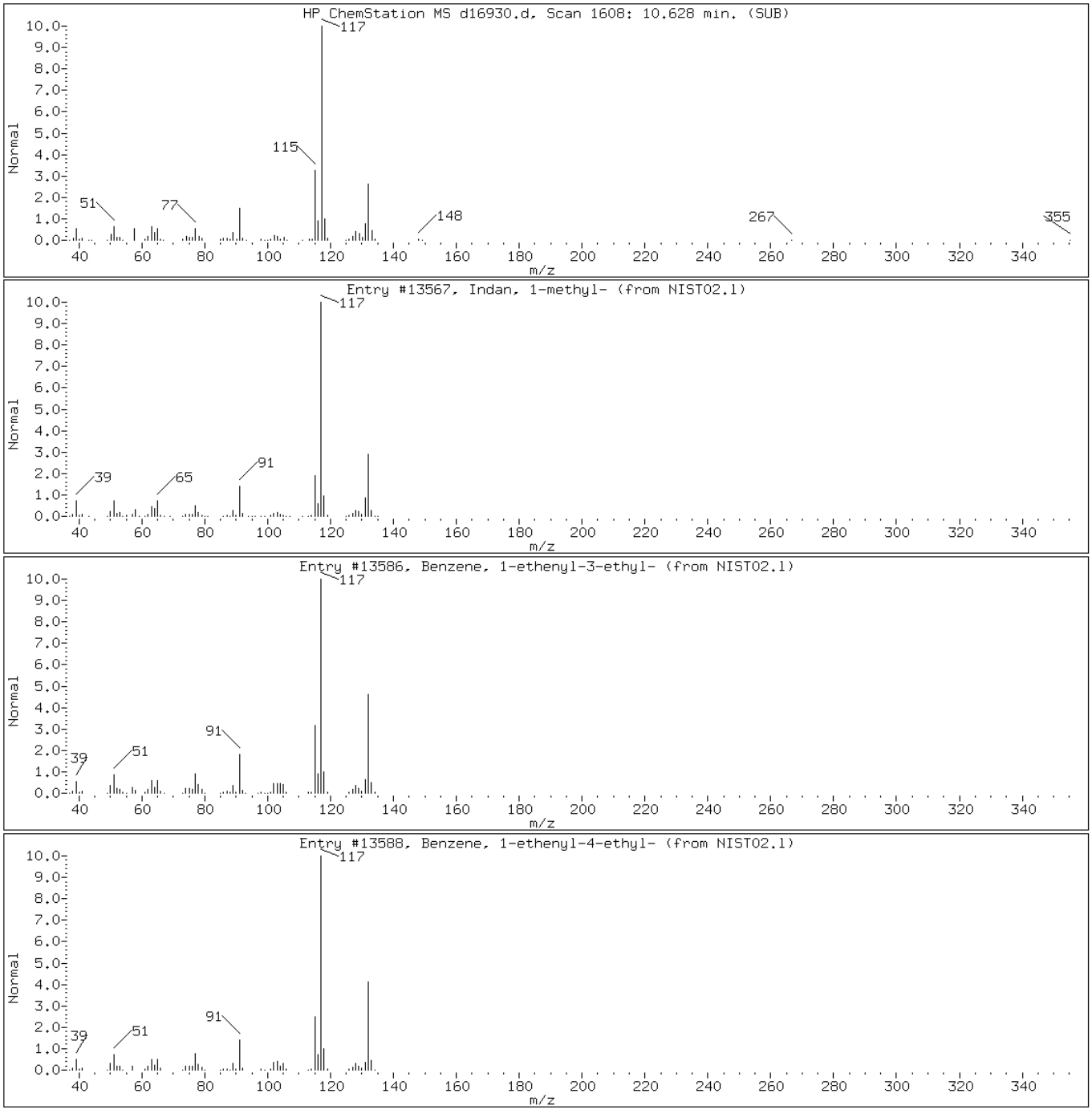
Date: 05-MAR-2010 18:02

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-12;2 Operator:

Retention Time: 10.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indan, 1-methyl-	767-58-8	NIST02.l	13567	91	C10H12	132
Benzene, 1-ethenyl-3-ethyl-	7525-62-4	NIST02.l	13586	91	C10H12	132
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	90	C10H12	132



Data File: d16930.d

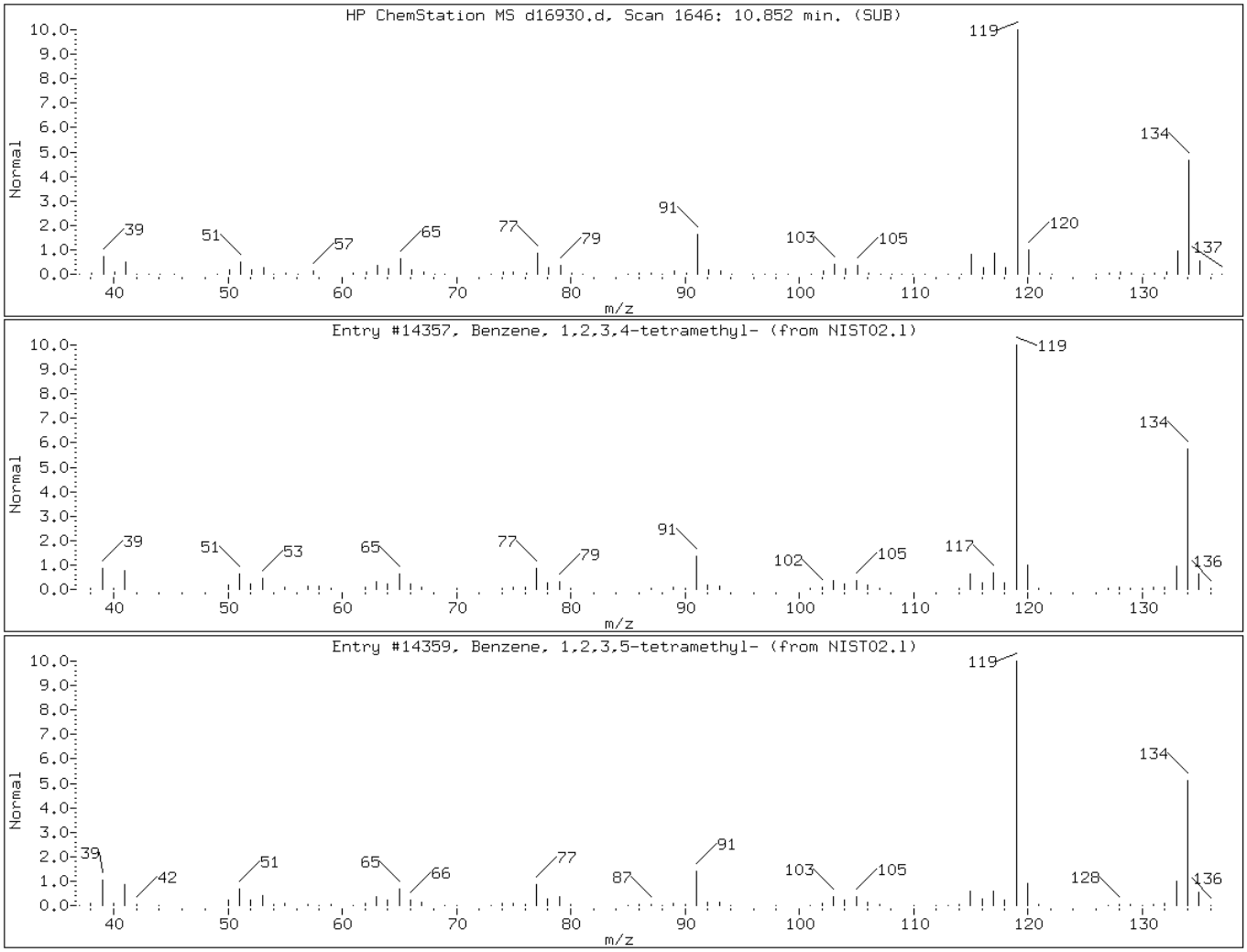
Date: 05-MAR-2010 18:02

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-12;2 Operator:

Retention Time: 10.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14357	97	C10H14	134
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14359	97	C10H14	134



Data File: d16930.d

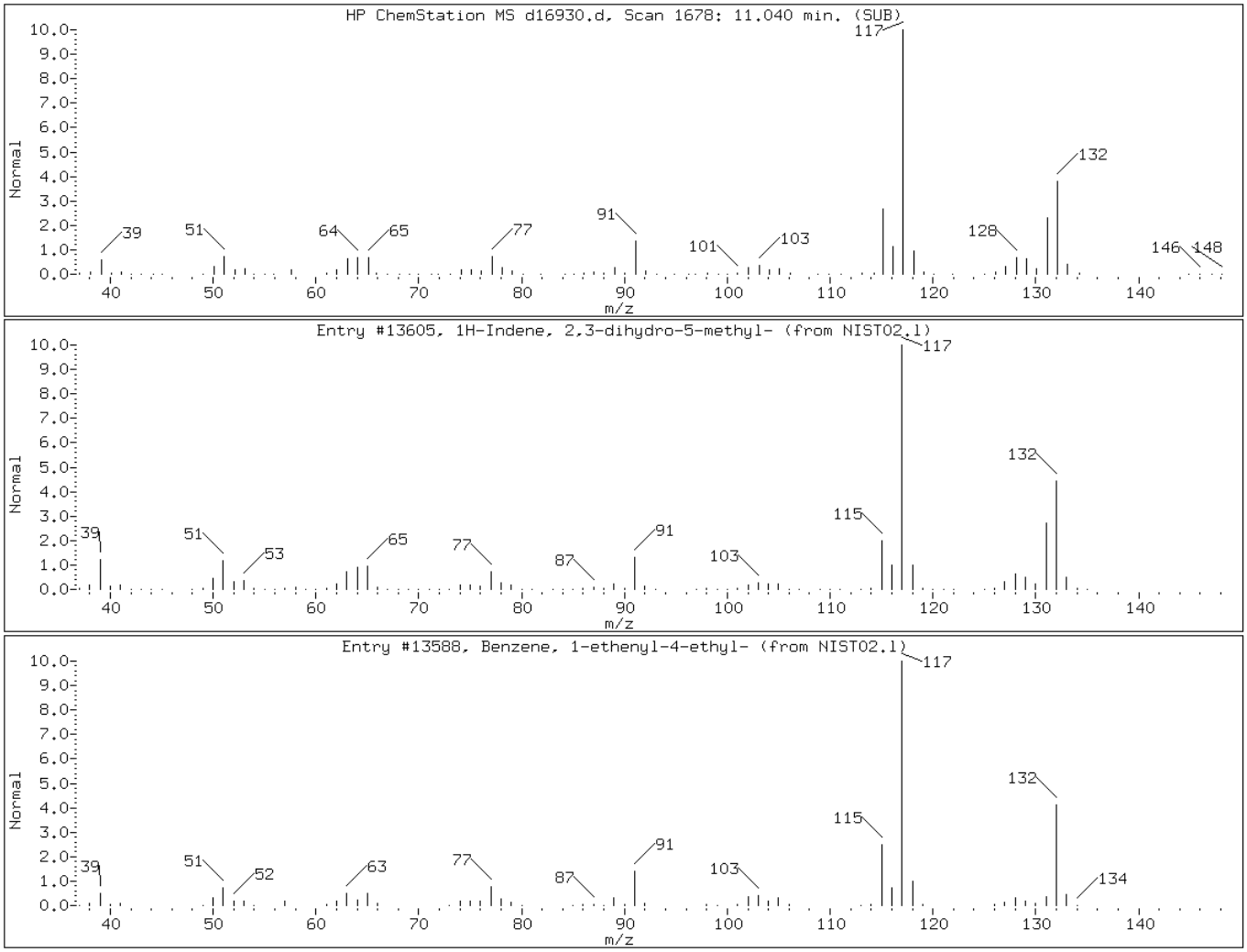
Date: 05-MAR-2010 18:02

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-12;2 Operator:

Retention Time: 11.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
1H-Indene, 2,3-dihydro-5-methyl-	874-35-1	NIST02.l	13605	95	C10H12	132
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	94	C10H12	132



Data File: d16930.d

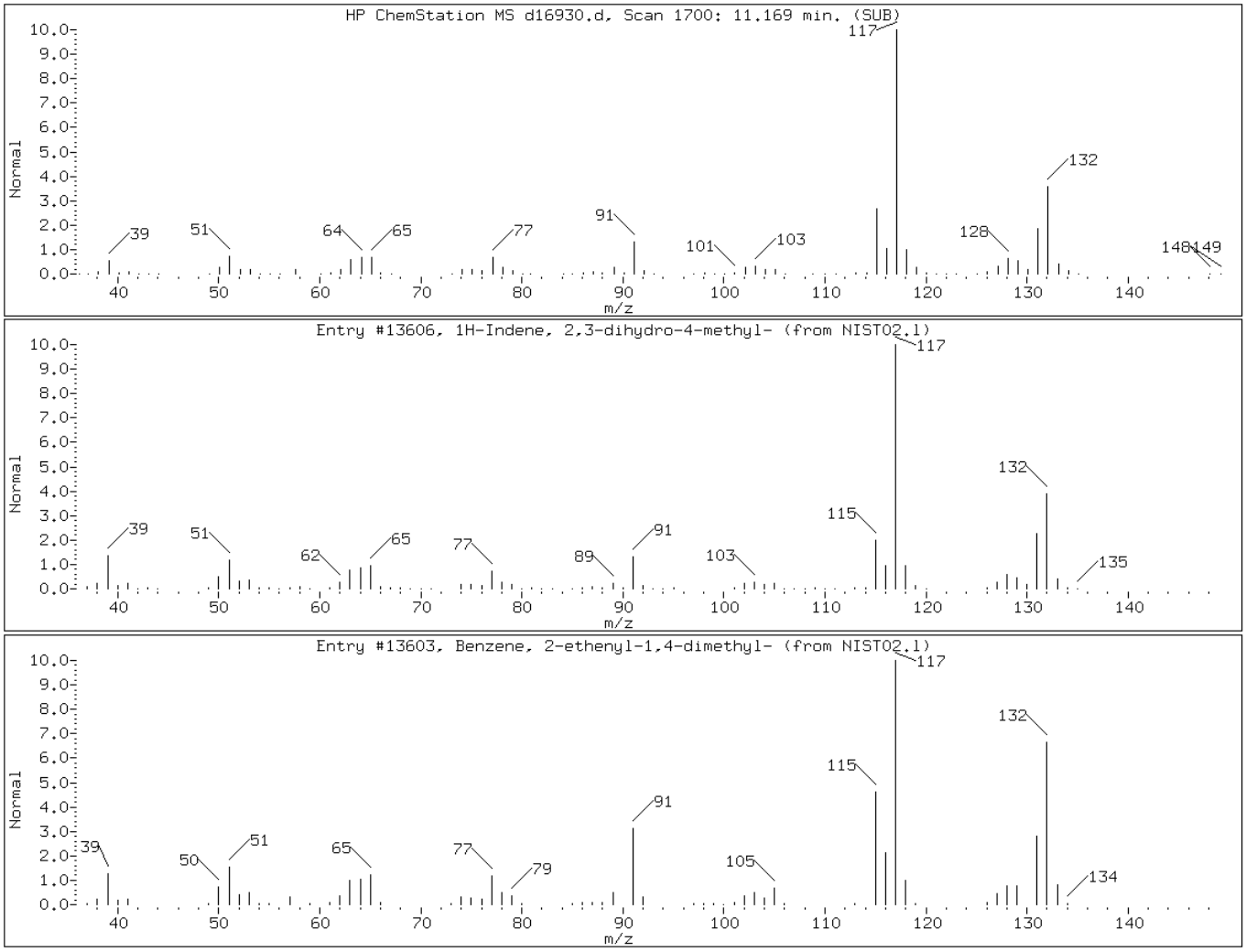
Date: 05-MAR-2010 18:02

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-12;2 Operator:

Retention Time: 11.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.l	13606	95	C10H12	132
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	92	C10H12	132



Data File: d16930.d

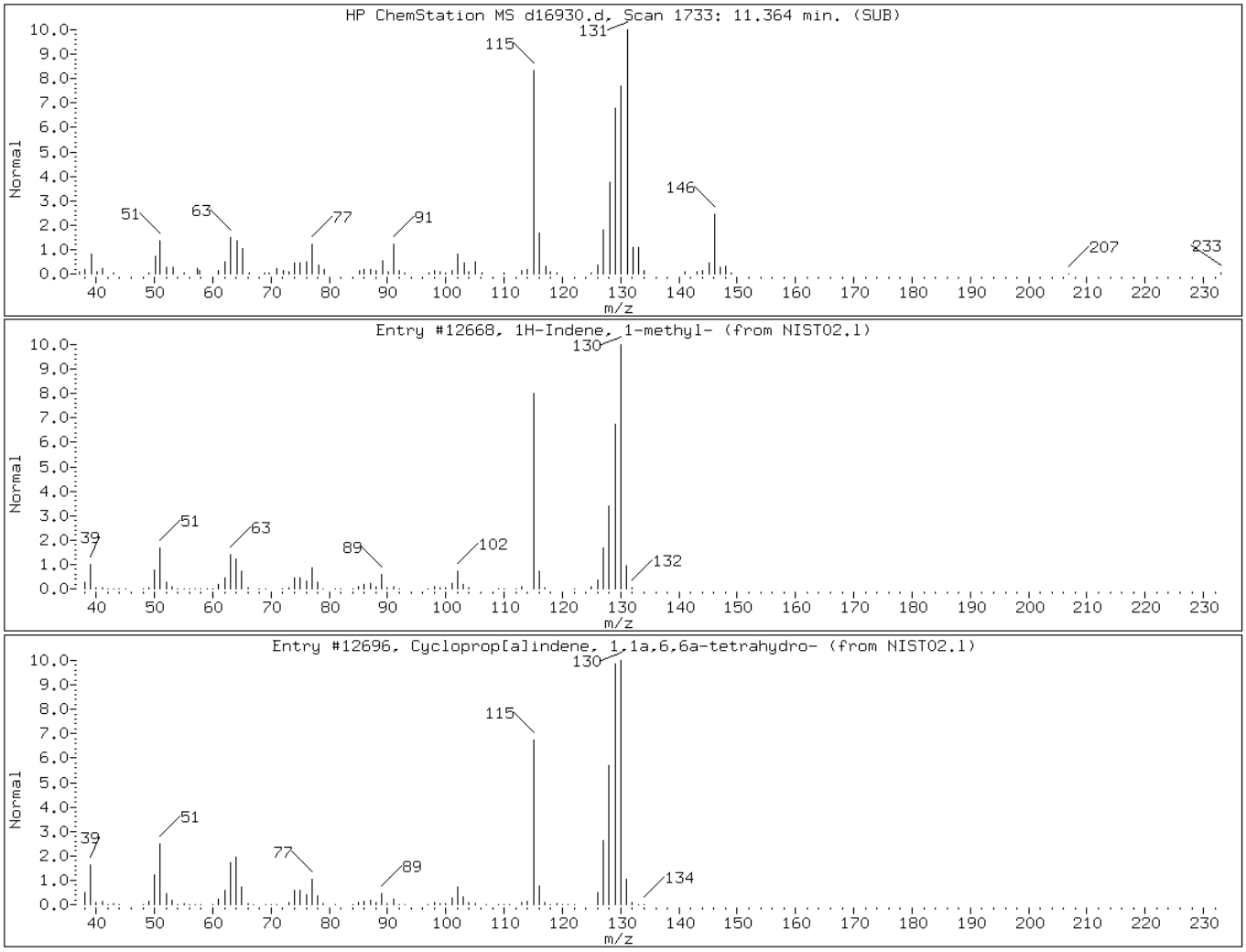
Date: 05-MAR-2010 18:02

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-12;2 Operator:

Retention Time: 11.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H10 Aromatic						
1H-Indene, 1-methyl-	767-59-9	NIST02.l	12668	92	C10H10	130
Cycloprop[a]indene, 1,1a,6,6a-tetr	15677-15-3	NIST02.l	12696	89	C10H10	130



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-012 Lab Sample ID: 460-10889-12 DL

Matrix: GW Lab File ID: d16926.d

Analysis Method: 8260B Date Collected: 03/02/2010 14:35

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 16:25

Soil Aliquot Vol: Dilution Factor: 25

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	4000		25	2.2

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92	70-122	
460-00-4	4-Bromofluorobenzene	98	69-135	
2037-26-5	Toluene-d8 (Surr)	96	69-125	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16926.d
Report Date: 05-Mar-2010 21:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16926.d
Lab Smp Id: 460-10889-C-12 Client Smp ID: GW-017338-030210-AC
Inj Date : 05-MAR-2010 16:25
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-12;25
Misc Info : 460-10889-C-12
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 20:36 eddie Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 23
Dil Factor: 25.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	25.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.511	4.500	(0.942)	21129	46.0831	46
*	52 Fluorobenzene	96	4.787	4.776	(1.000)	448805	50.0000	
	56 Methyl cyclohexane	83	4.940	4.923	(1.032)	6440	1.25124	31
$	65 Toluene-d8 (SUR)	98	6.523	6.517	(0.801)	412541	48.1213	48
	66 Toluene	91	6.587	6.576	(0.809)	1850154	159.645	4000
*	78 Chlorobenzene-d5	117	8.146	8.140	(1.000)	320907	50.0000	
	79 Chlorobenzene	112	8.158	8.152	(1.001)	2308	0.32436	8.1(a)
	81 Ethylbenzene	106	8.211	8.205	(1.008)	126779	33.8279	840
	82 m+p-Xylene	106	8.346	8.346	(1.025)	223194	47.5526	1200
	84 o-Xylene	106	8.717	8.717	(1.070)	78618	17.1311	430
	88 Isopropylbenzene	105	8.993	8.987	(1.104)	161545	12.8650	320
$	89 Bromofluorobenzene (SUR)	174	9.211	9.205	(0.914)	147838	49.2115	49
	95 n-Propylbenzene	91	9.328	9.329	(0.925)	313950	21.2358	530
	101 1,2,4-Trimethylbenzene	105	9.793	9.793	(0.971)	2334	0.20748	5.2(a)
	103 sec-Butylbenzene	105	9.875	9.870	(0.980)	3533	0.26092	6.5(a)
*	108 1,4-Dichlorobenzene-d4	152	10.081	10.076	(1.000)	180986	50.0000	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16926.d
Report Date: 05-Mar-2010 21:34

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
116 Naphthalene	128	11.705	11.705	(1.161)	11642	1.15049	29
M 121 Xylene (Total)	100				301812	64.6838	1600

QC Flag Legend

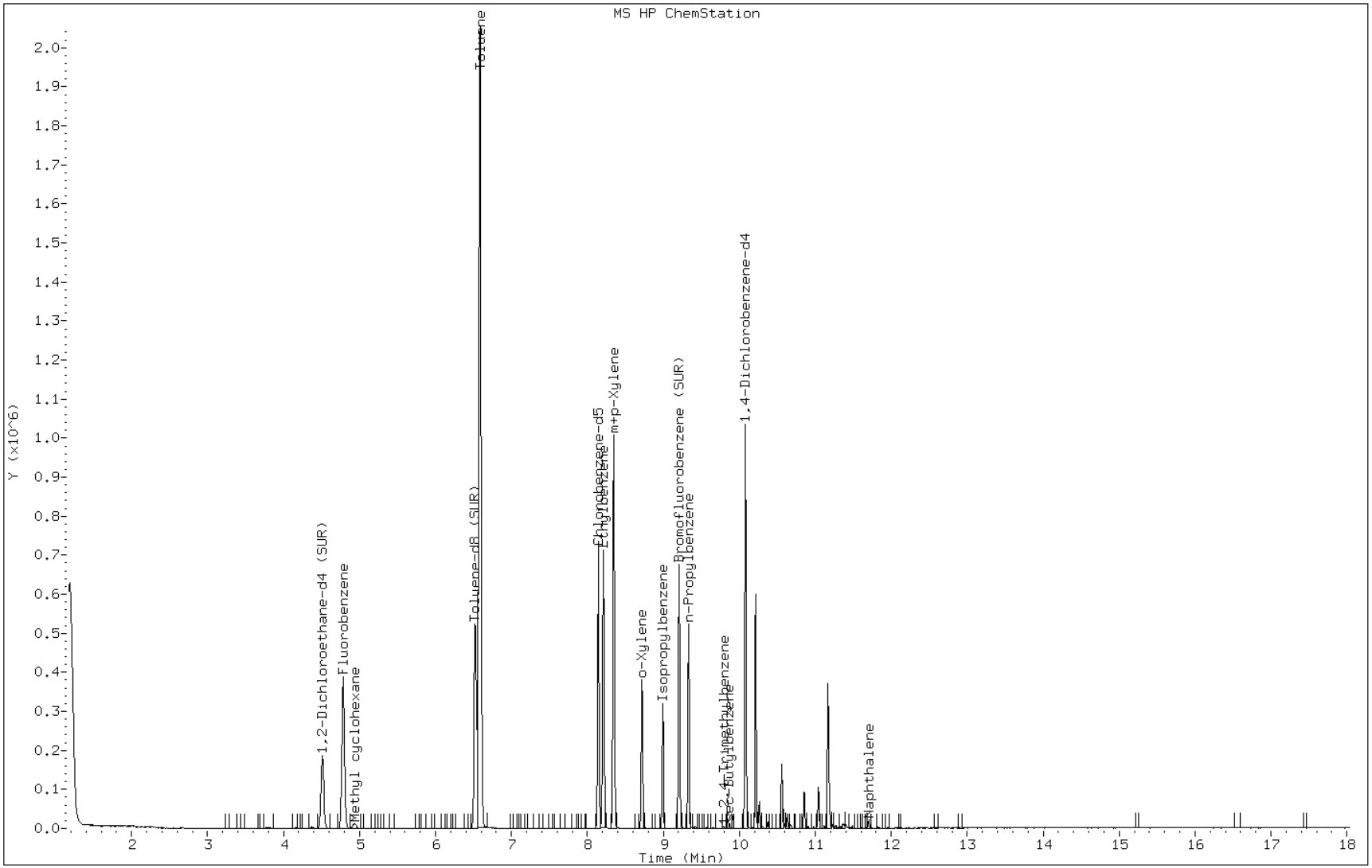
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d16926.d

Date: 05-MAR-2010 16:25

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-12;25 Operator:



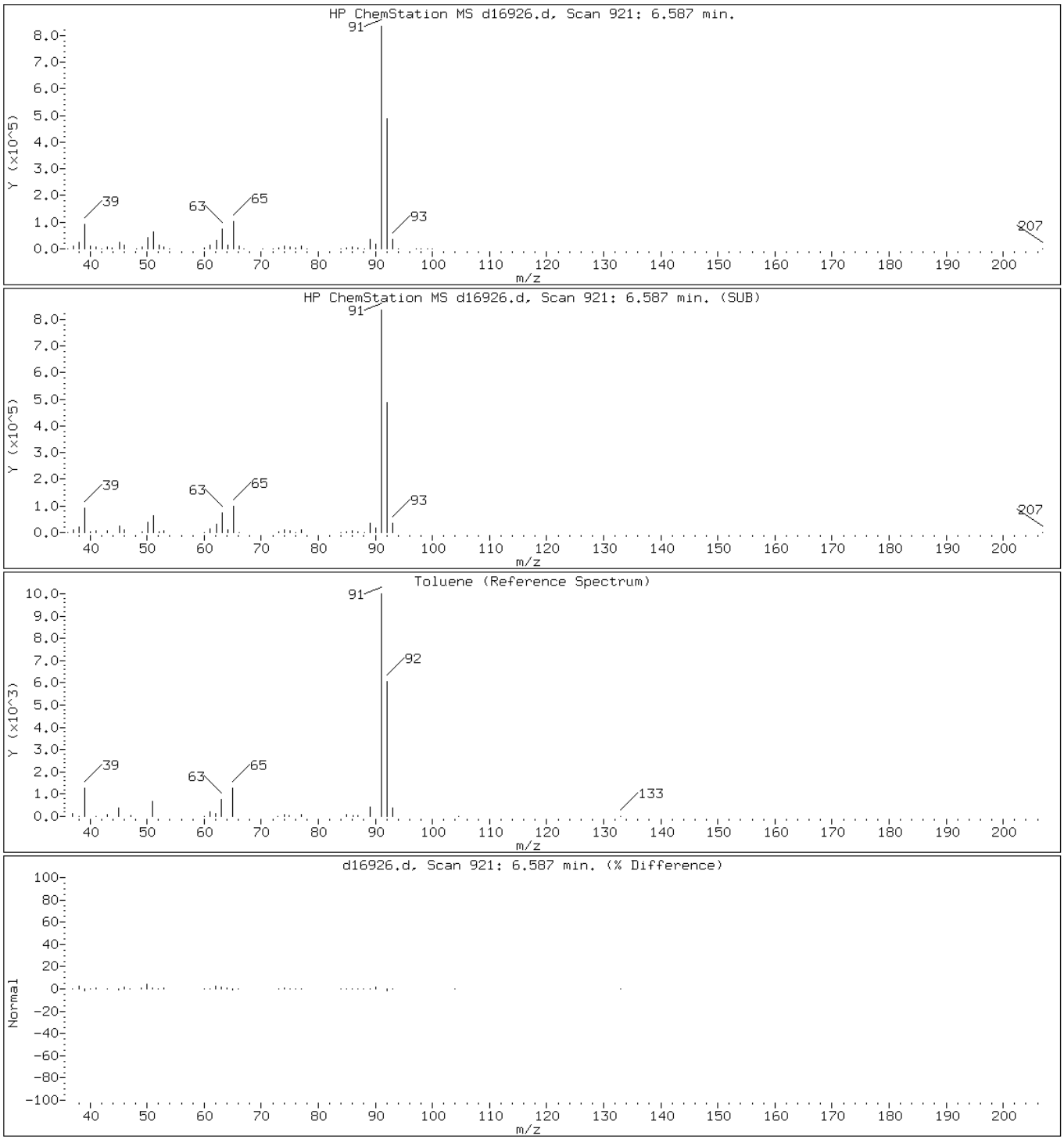
Data File: d16926.d

Date: 05-MAR-2010 16:25

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-12;25 Operator:

66 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-013 Lab Sample ID: 460-10889-13

Matrix: GW Lab File ID: d17016.d

Analysis Method: 8260B Date Collected: 03/02/2010 15:45

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 16:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U *	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	270		1.0	0.25
110-82-7	Cyclohexane	0.69	J	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	0.51	J	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.6		1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	10		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-013 Lab Sample ID: 460-10889-13

Matrix: GW Lab File ID: d17016.d

Analysis Method: 8260B Date Collected: 03/02/2010 15:45

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 16:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	170		3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	710	E	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101	70-122	
460-00-4	4-Bromofluorobenzene	96	69-135	
2037-26-5	Toluene-d8 (Surr)	96	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-013 Lab Sample ID: 460-10889-13

Matrix: GW Lab File ID: d17016.d

Analysis Method: 8260B Date Collected: 03/02/2010 15:45

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 16:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

Number TICs Found: 10 TIC Result Total: 7410

CAS NO.	COMPOUND NAME	RT	RESULT	Q
103-65-1	N-Propylbenzene	9.33	740	E
	Ethylmethylbenzene isomer	9.42	650	T J
	Ethylmethylbenzene isomer -1	9.66	310	T J
95-63-6	1,2,4-Trimethylbenzene	9.80	830	E
	C10H12 Aromatic	10.22	1600	T J
	Ethyldimethylbenzene isomer	10.57	520	T J
	Tetramethylbenzene isomer	10.86	420	T J
	2,3-dihydro-methyl-1H-Indene isomer	11.05	530	T J
	2,3-dihydro-methyl-1H-Indene isomer -1	11.18	1200	T J
91-20-3	Naphthalene	11.71	610	E

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17016.d
Report Date: 08-Mar-2010 19:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17016.d
Lab Smp Id: 460-10889-A-13 Client Smp ID: GW-017338-030210-AC
Inj Date : 08-MAR-2010 16:16
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-A-13
Misc Info : 460-10889-A-13
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 08-Mar-2010 19:14 eddie Quant Type: ISTD
Cal Date : 08-MAR-2010 17:53 Cal File: d17020.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	44 Cyclohexane	56	3.800	3.794	(0.793)	3909	0.69296	0.69(aH)
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.517	4.511	(0.942)	21479	50.3794	50
	48 Benzene	78	4.382	4.382	(0.538)	6422	0.51292	0.51(a)
*	52 Fluorobenzene	96	4.794	4.788	(1.000)	465570	50.0000	
	56 Methyl cyclohexane	83	4.947	4.935	(1.032)	9668	1.58665	1.6
$	65 Toluene-d8 (SUR)	98	6.535	6.529	(0.802)	439083	47.8942	48
	66 Toluene	91	6.593	6.587	(0.809)	127226	10.0906	10
*	78 Chlorobenzene-d5	117	8.152	8.146	(1.000)	351518	50.0000	
	81 Ethylbenzene	106	8.217	8.211	(1.008)	1111847	274.492	270
	82 m+p-Xylene	106	8.352	8.352	(1.025)	782312	153.529	150
	84 o-Xylene	106	8.723	8.723	(1.070)	66162	12.9033	13
	88 Isopropylbenzene	105	8.999	8.993	(1.104)	9848352	711.815	710(A)
$	89 Bromofluorobenzene (SUR)	174	9.217	9.211	(0.914)	156710	48.1253	48
	95 n-Propylbenzene	91	9.334	9.334	(0.925)	12548103	738.146	740(A)
	97 1,3,5-Trimethylbenzene	105	9.505	9.499	(0.942)	2491599	206.835	210
	100 tert-Butylbenzene	119	9.740	9.740	(0.966)	8452	0.88207	0.88(a)

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17016.d
Report Date: 08-Mar-2010 19:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	101 1,2,4-Trimethylbenzene	105	9.799	9.799	(0.971)	10576889	833.254	830(A)
	103 sec-Butylbenzene	105	9.882	9.875	(0.980)	276055	17.9455	18
	107 p-Isopropyltoluene	119	9.993	9.993	(0.991)	27485	2.13144	2.1
*	108 1,4-Dichlorobenzene-d4	152	10.087	10.081	(1.000)	199085	50.0000	
	116 Naphthalene	128	11.711	11.711	(1.161)	7763501	613.219	610(A)
M	121 Xylene (Total)	100				848475	166.433	170

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17016.d
Report Date: 08-Mar-2010 19:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17016.d
Lab Smp Id: 460-10889-A-13 Client Smp ID: GW-017338-030210-AC
Inj Date : 08-MAR-2010 16:16
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-A-13
Misc Info : 460-10889-A-13
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 08-Mar-2010 19:14 eddie Quant Type: ISTD
Cal Date : 08-MAR-2010 17:53 Cal File: d17020.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 108 1,4-Dichlorobenzene-d4	10.087	1305928	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethylmethylbenzene isomer						CAS #:	
9.423	17034624	652.203494	650	0		0	108
Ethylmethylbenzene isomer -1						CAS #:	
9.658	8138081	311.582145	310	0		0	108
Trimethylbenzene isomer						CAS #:	
10.129	7006039	268.239737	270	0		0	108

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17016.d
Report Date: 08-Mar-2010 19:36

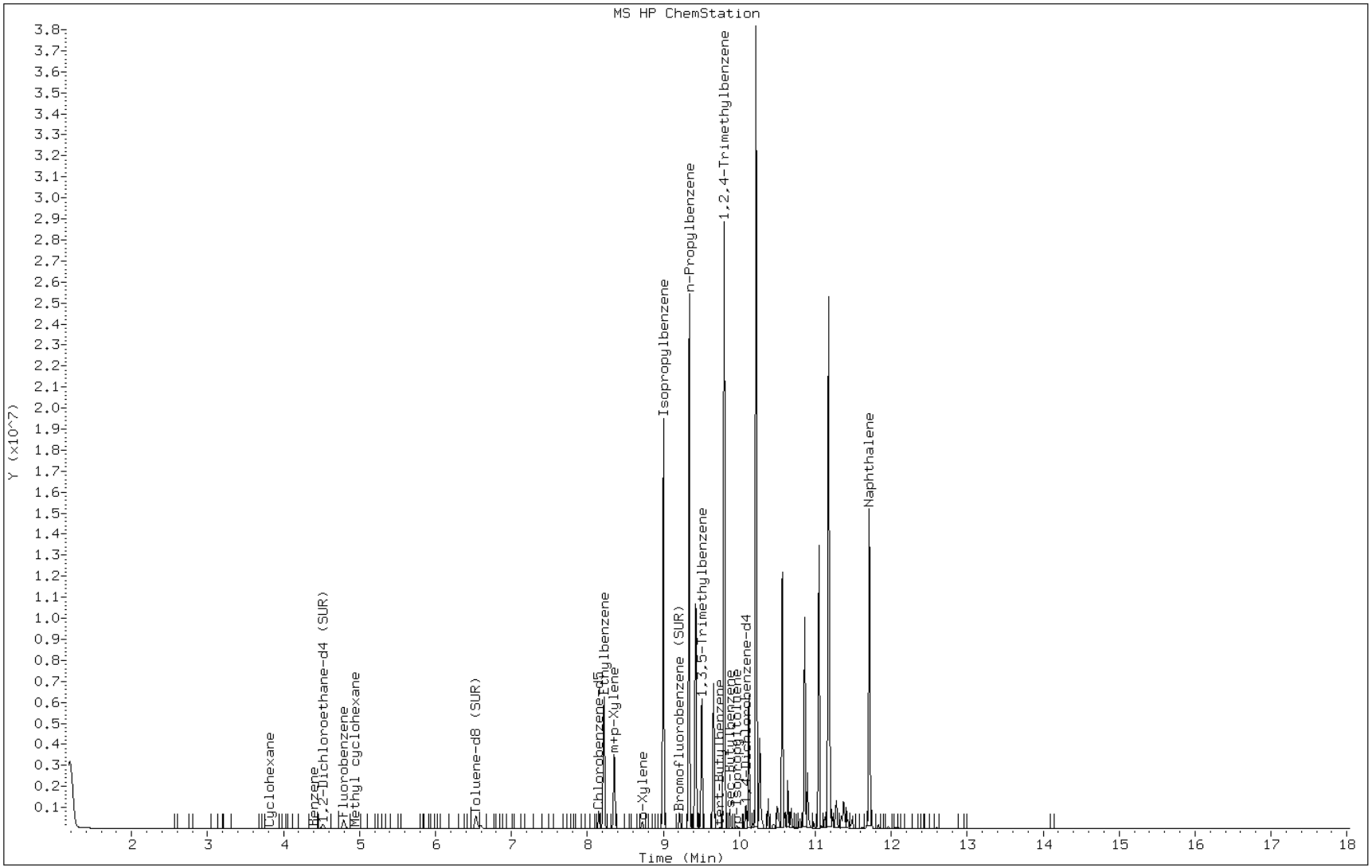
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
C10H12 Aromatic					CAS #:		
10.223	41166431	1576.13633	1600	0		0	108
Diethylbenzene isomer					CAS #:		
10.270	5632092	215.635532	220	0		0	108
Ethyldimethylbenzene isomer					CAS #:		
10.570	13652161	522.699369	520	0		0	108
Tetramethylbenzene isomer					CAS #:		
10.858	11022531	422.018888	420	0		0	108
Tetramethylbenzene isomer -1					CAS #:		
10.899	3404721	130.356336	130	0		0	108
2,3-dihydro-methyl-1H-Indene isomer					CAS #:		
11.046	13865604	530.871449	530	0		0	108
2,3-dihydro-methyl-1H-Indene isomer -1					CAS #:		
11.176	31012287	1187.36533	1200	0		0	108

Data File: d17016.d

Date: 08-MAR-2010 16:16

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-13 Operator:



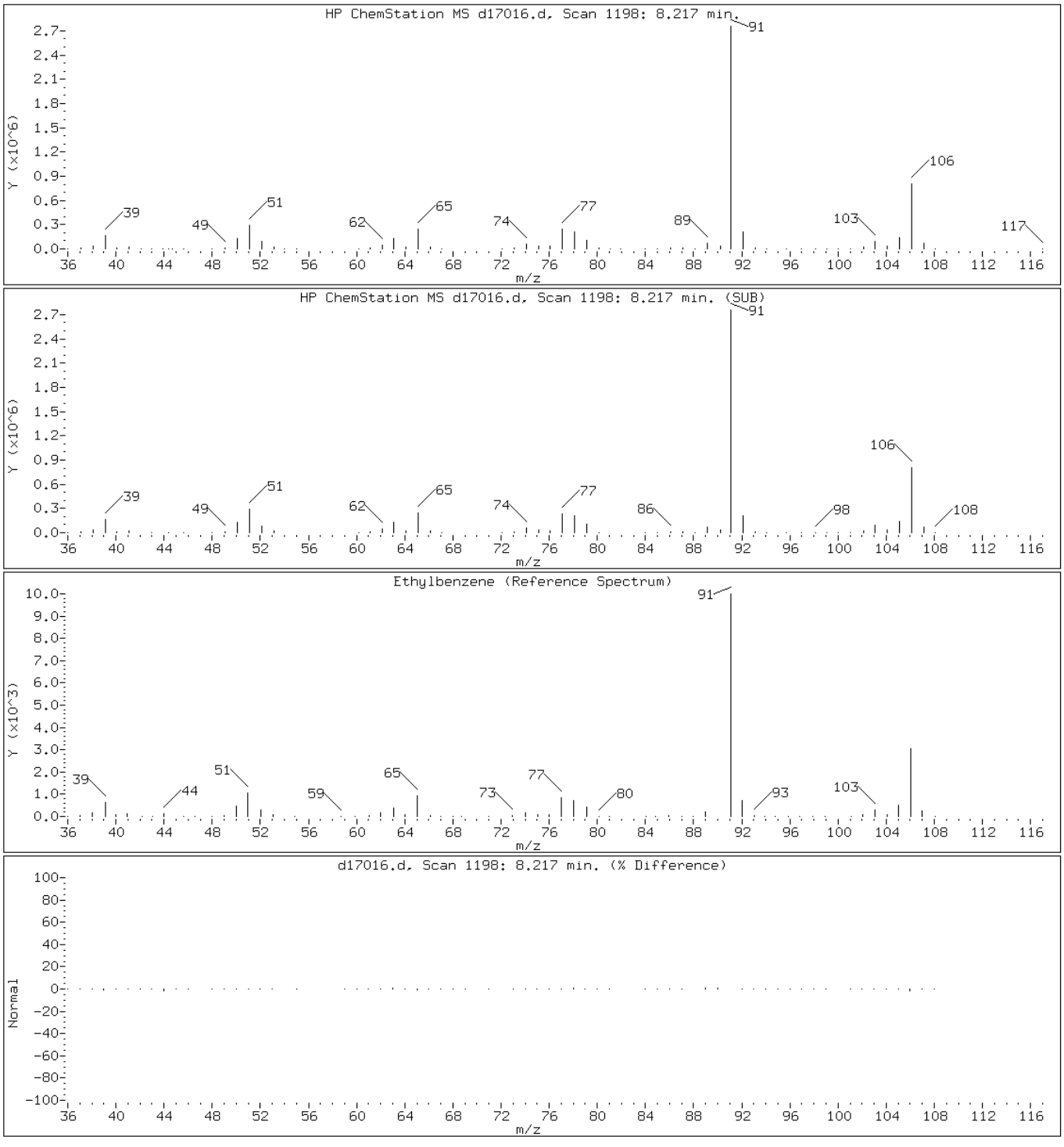
Data File: d17016.d

Date: 08-MAR-2010 16:16

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-13 Operator:

81 Ethylbenzene



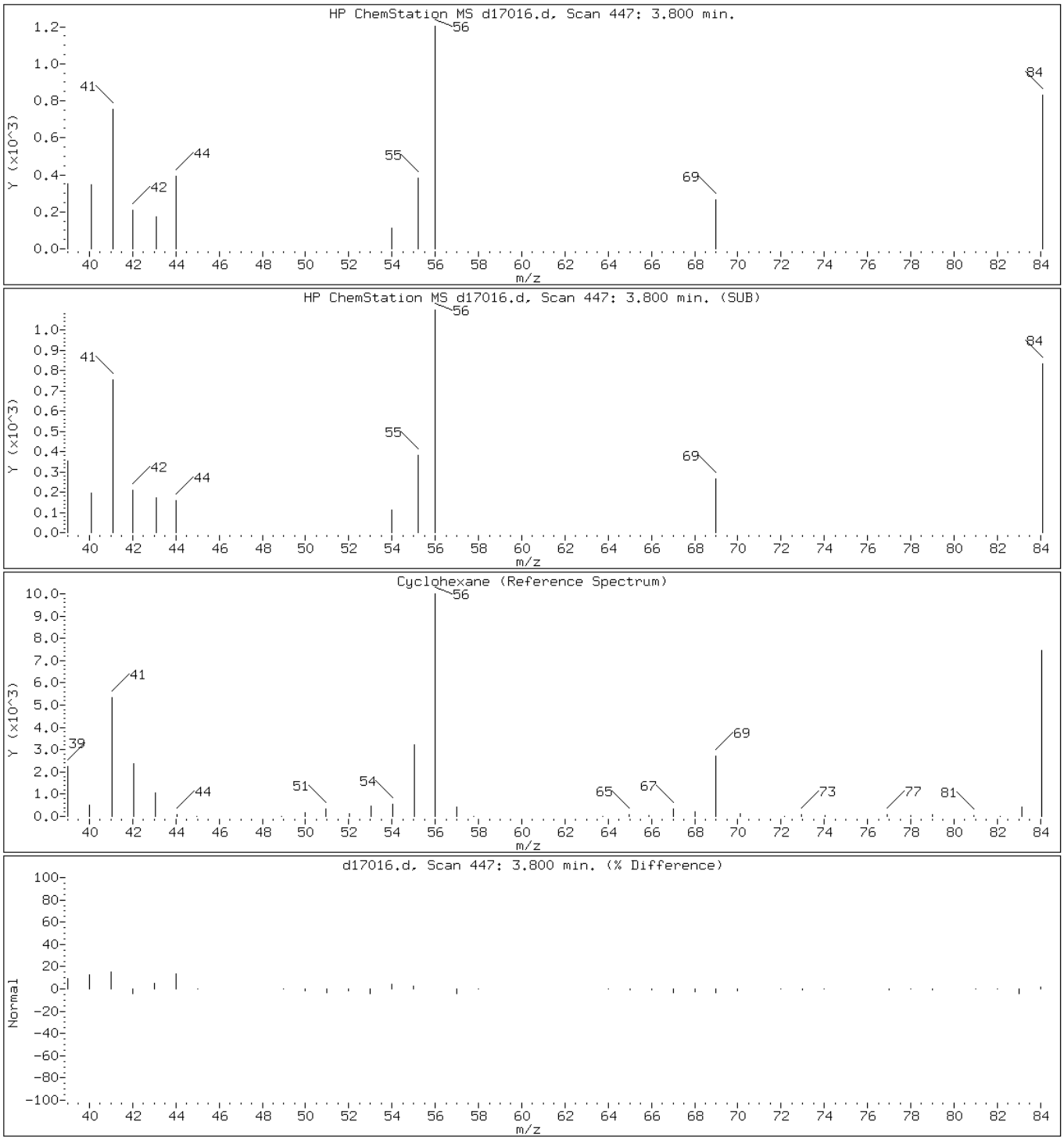
Data File: d17016.d

Date: 08-MAR-2010 16:16

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-13 Operator:

44 Cyclohexane



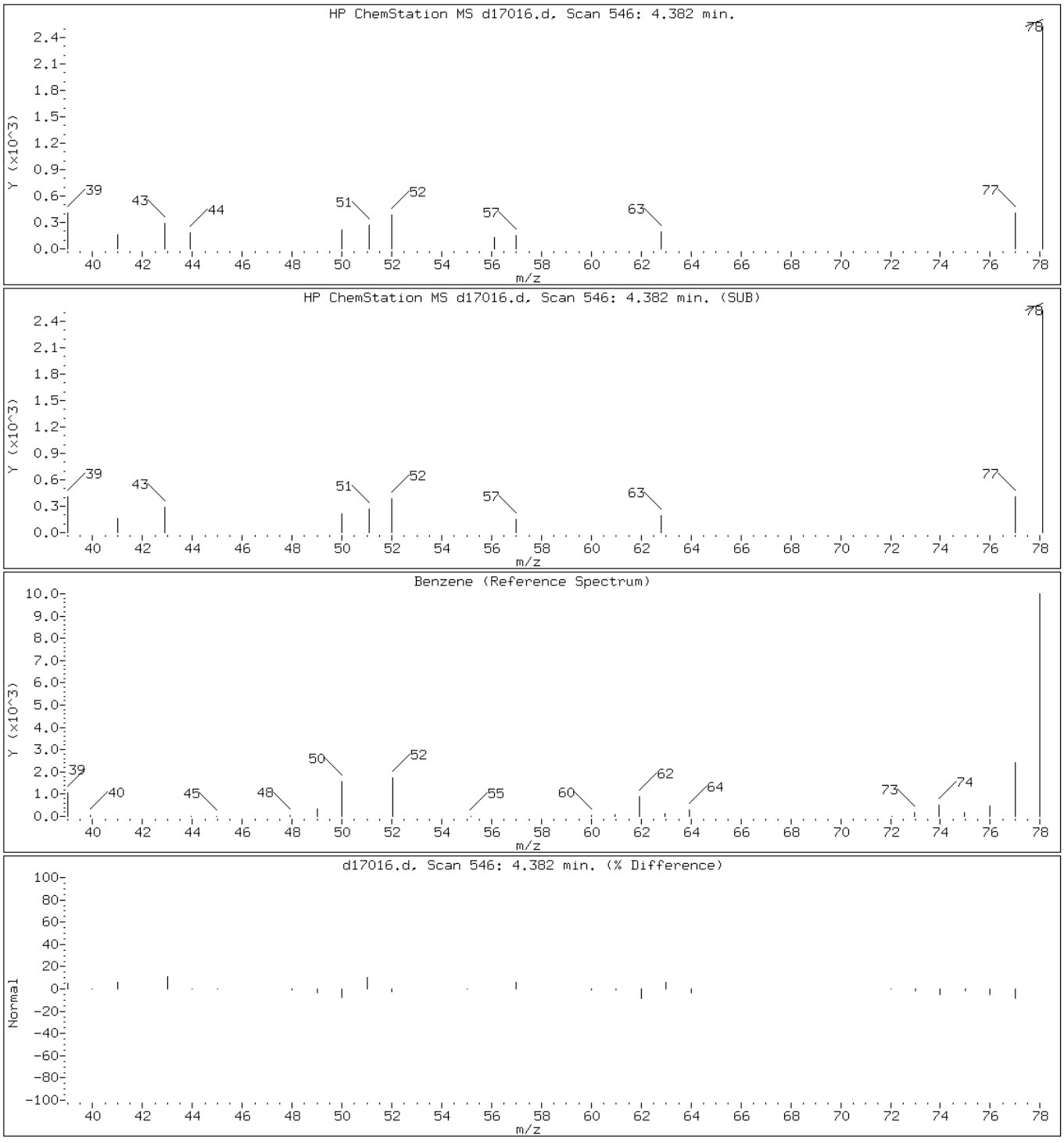
Data File: d17016.d

Date: 08-MAR-2010 16:16

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-13 Operator:

48 Benzene



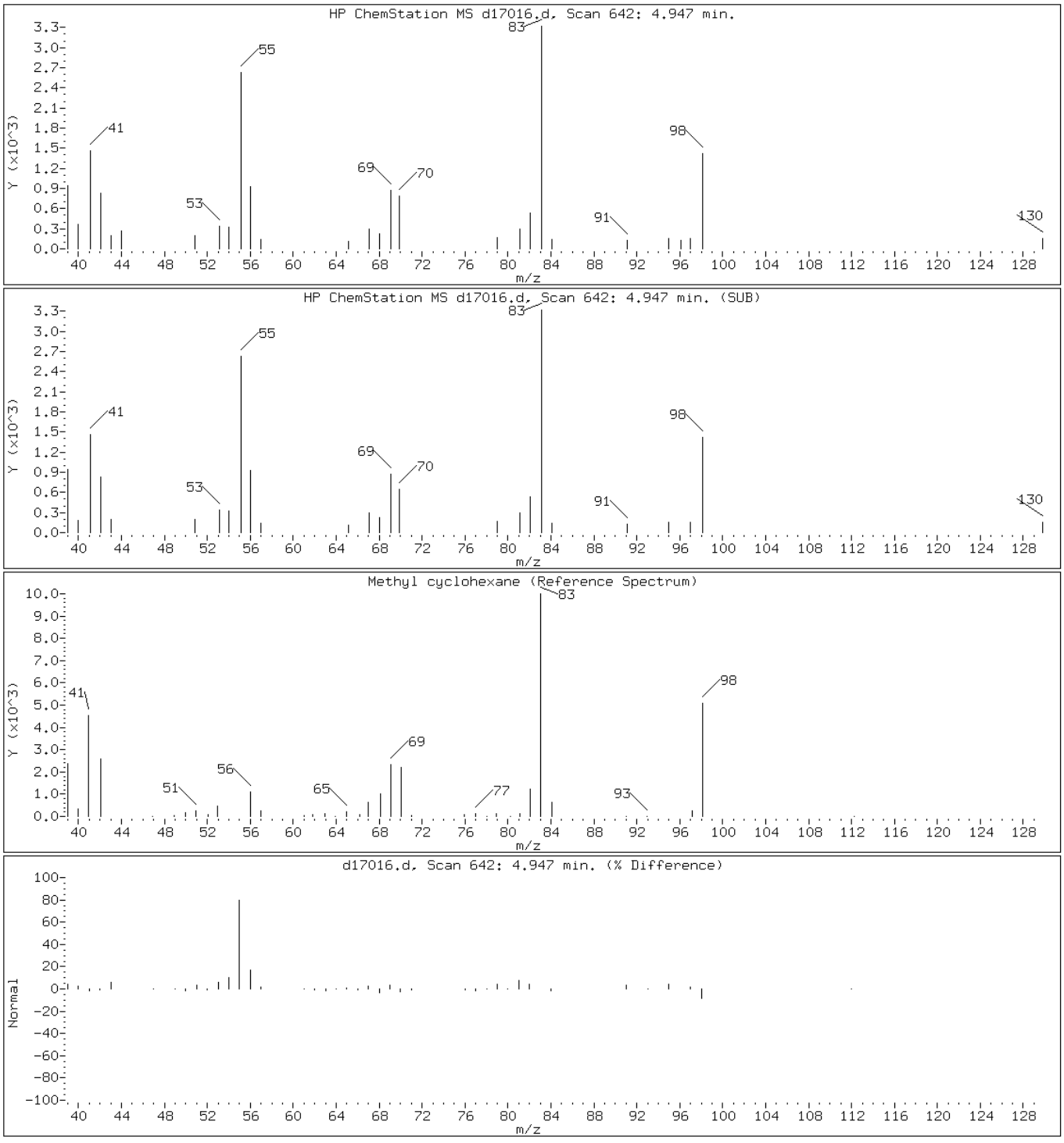
Data File: d17016.d

Date: 08-MAR-2010 16:16

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-13 Operator:

56 Methyl cyclohexane



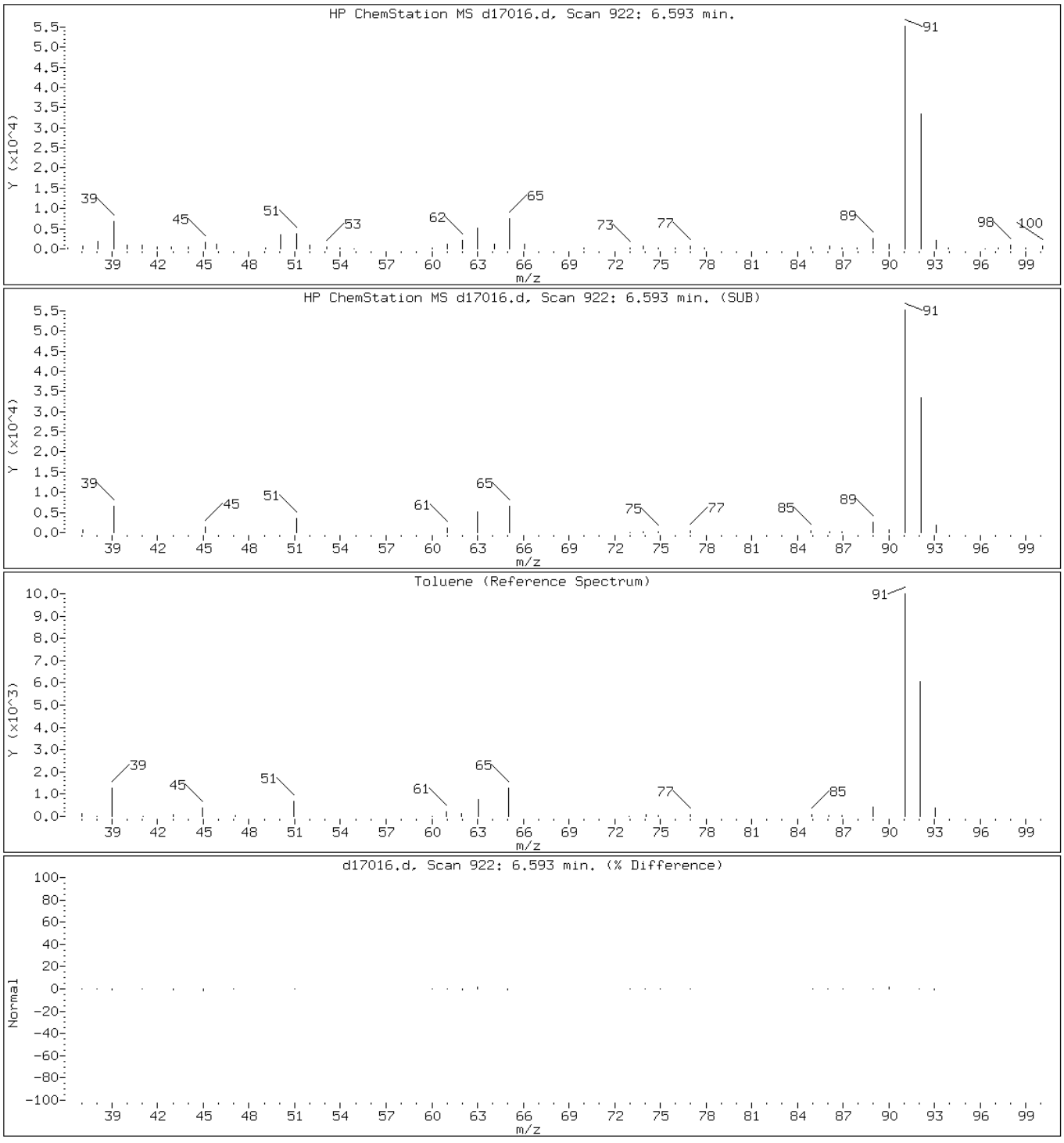
Data File: d17016.d

Date: 08-MAR-2010 16:16

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-13 Operator:

66 Toluene



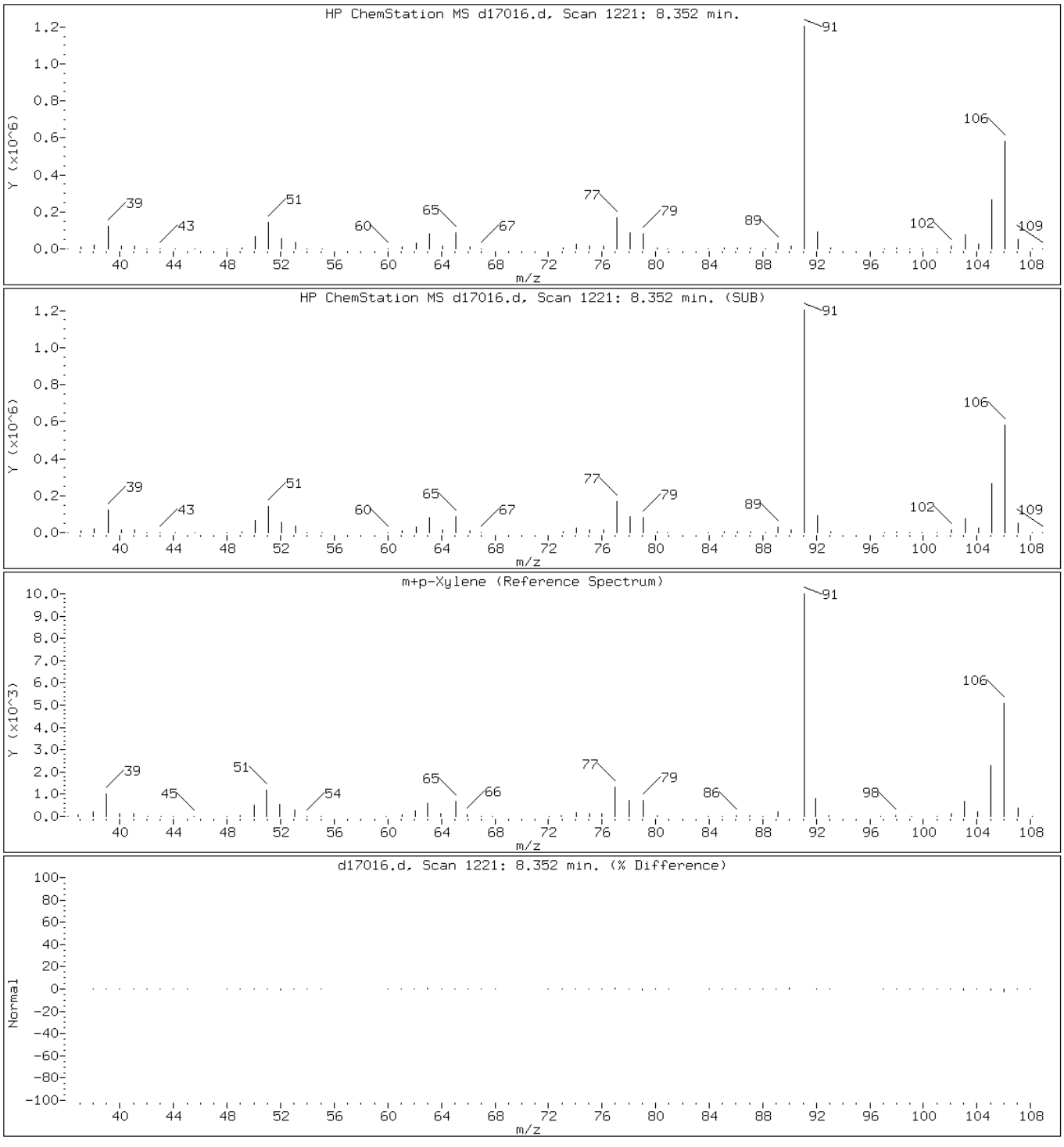
Data File: d17016.d

Date: 08-MAR-2010 16:16

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-13 Operator:

82 m+p-Xylene



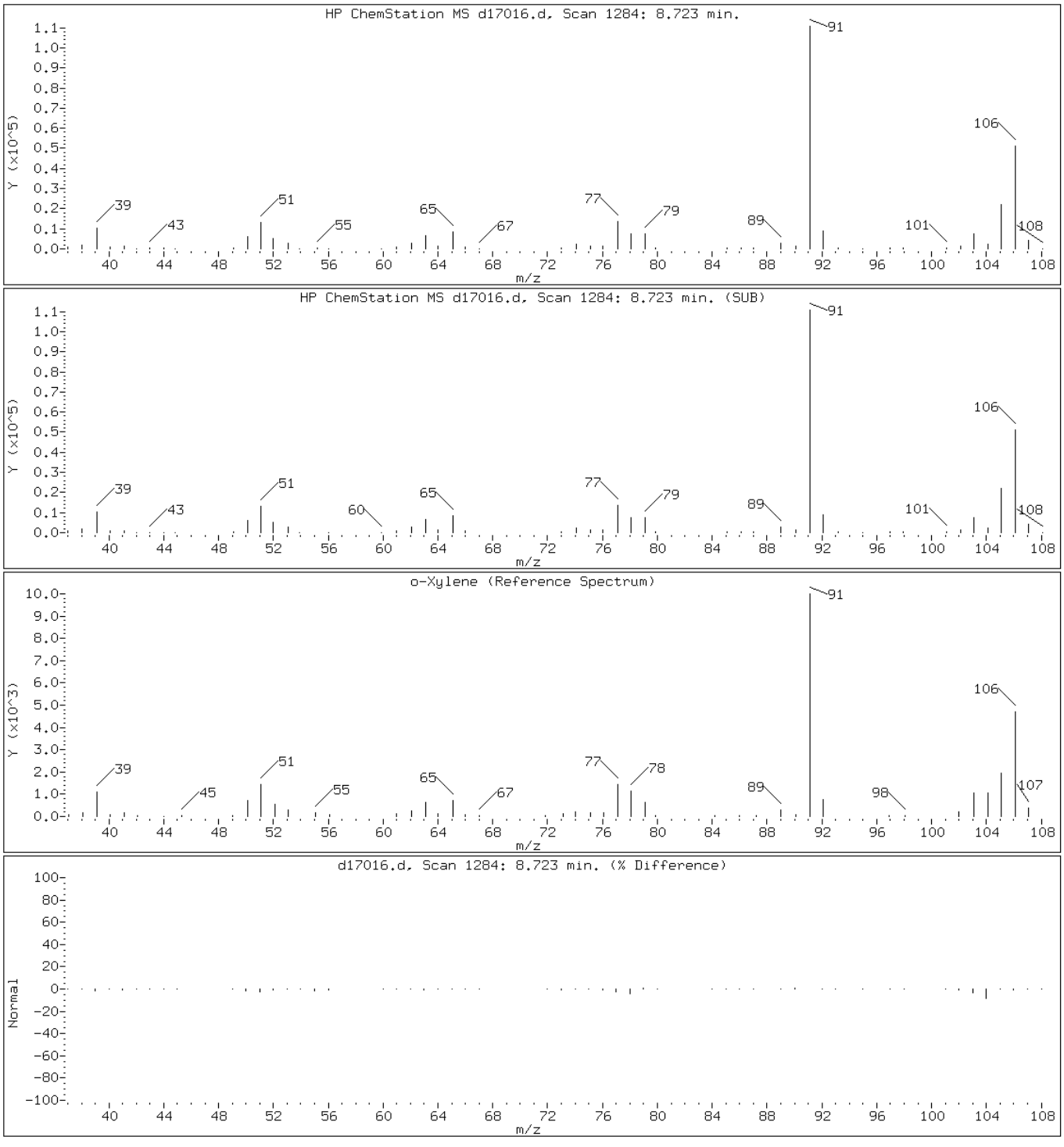
Data File: d17016.d

Date: 08-MAR-2010 16:16

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-13 Operator:

84 o-Xylene



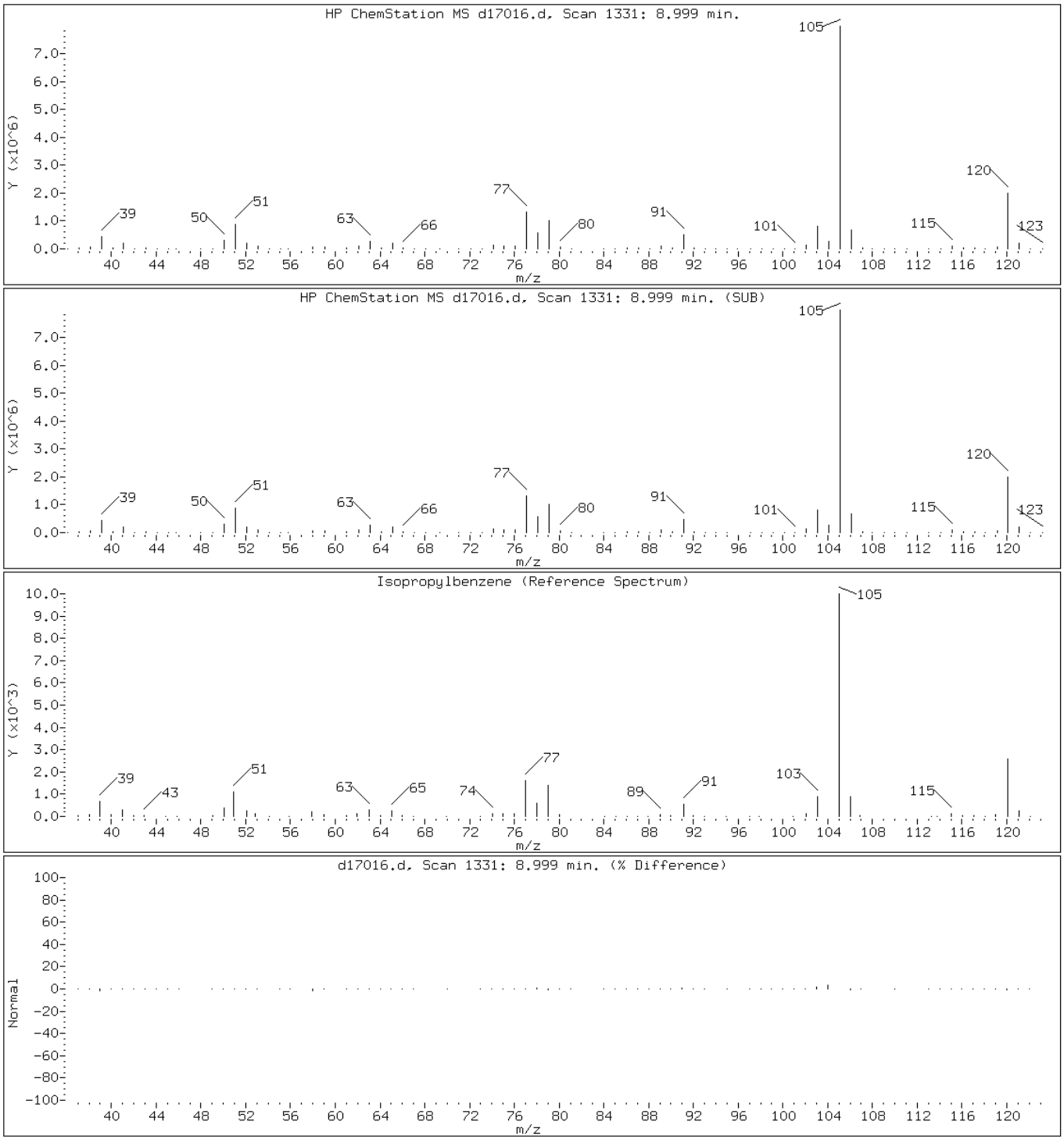
Data File: d17016.d

Date: 08-MAR-2010 16:16

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-13 Operator:

88 Isopropylbenzene



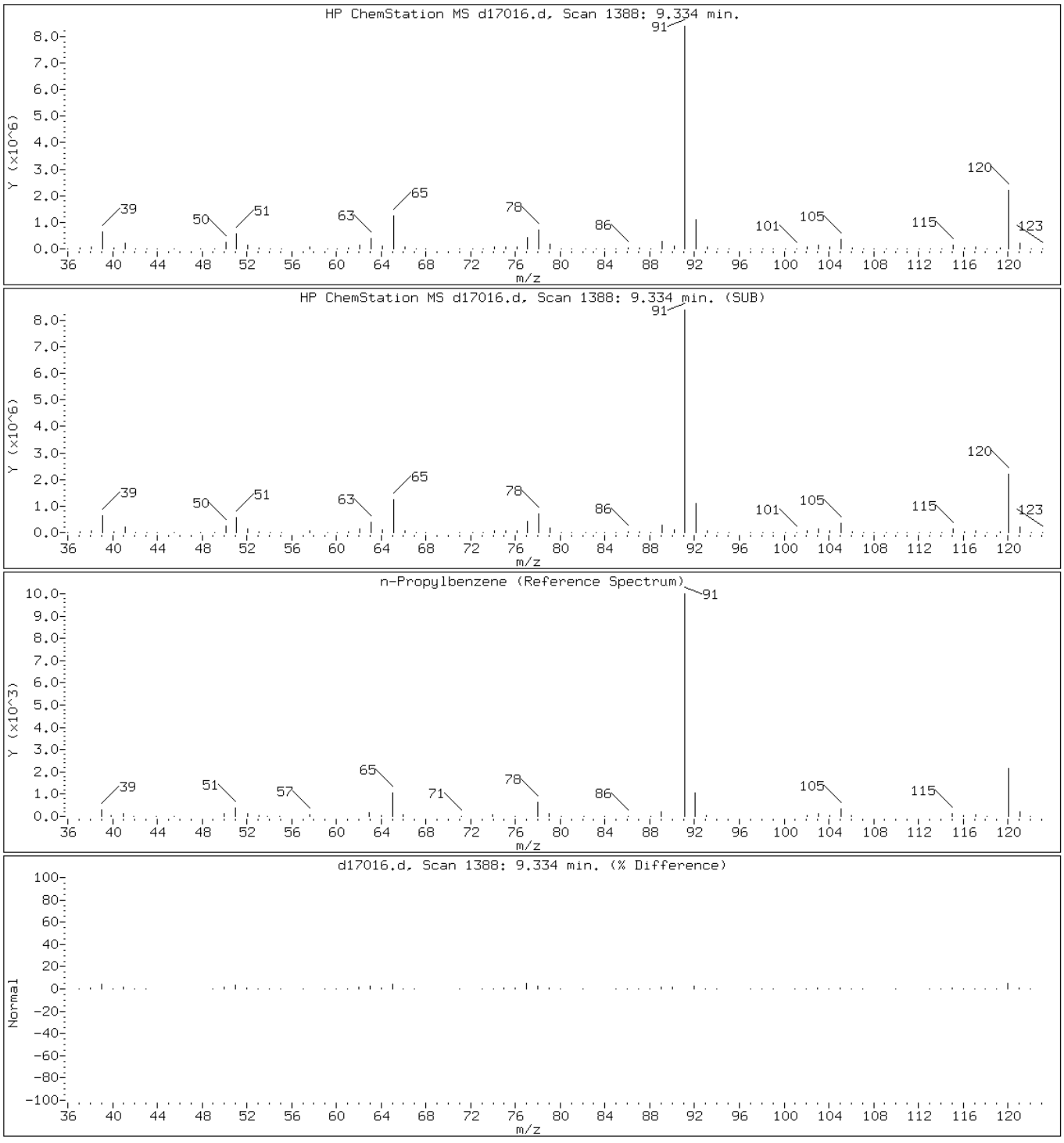
Data File: d17016.d

Date: 08-MAR-2010 16:16

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-13 Operator:

95 n-Propylbenzene



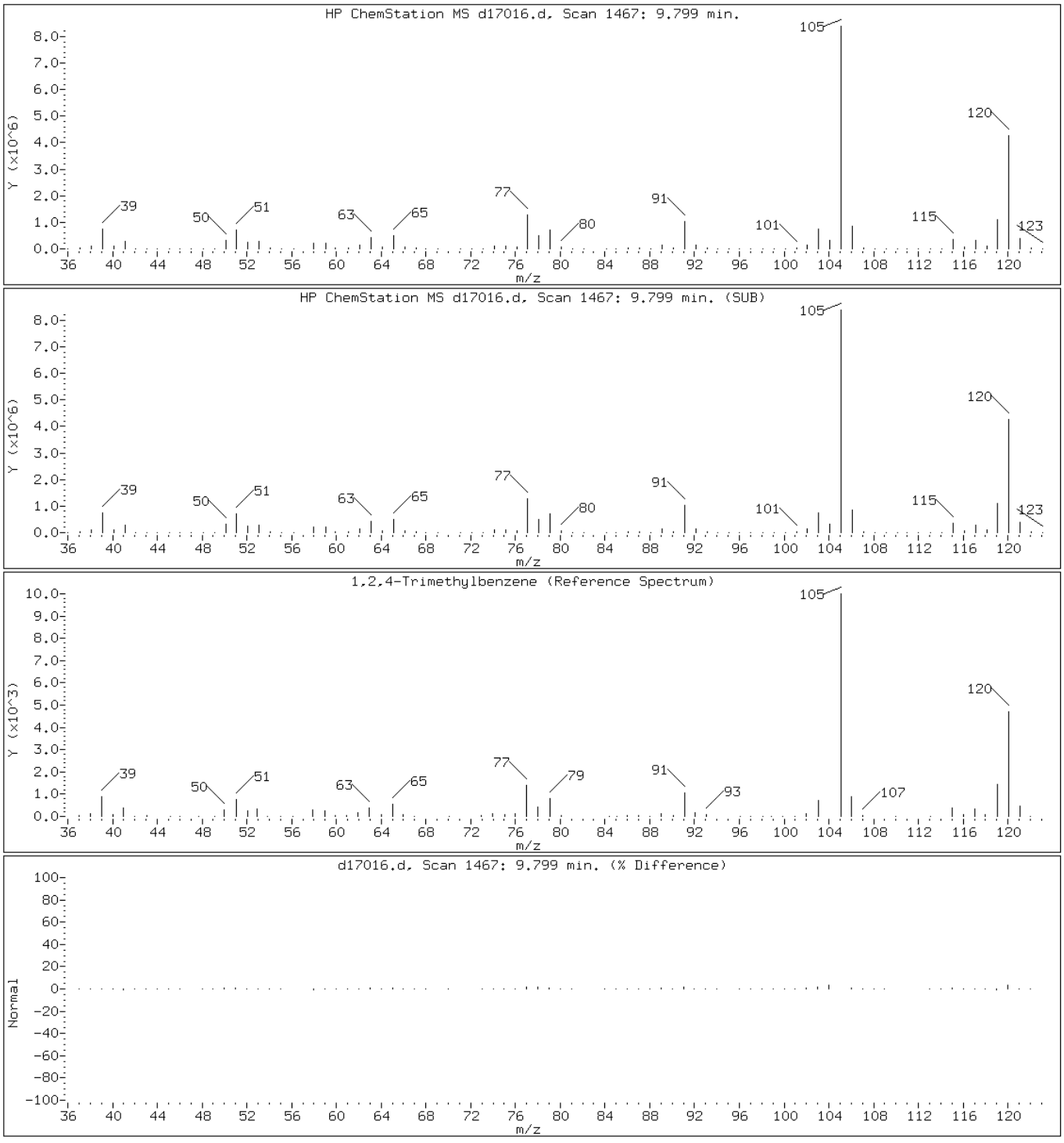
Data File: d17016.d

Date: 08-MAR-2010 16:16

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-13 Operator:

101 1,2,4-Trimethylbenzene



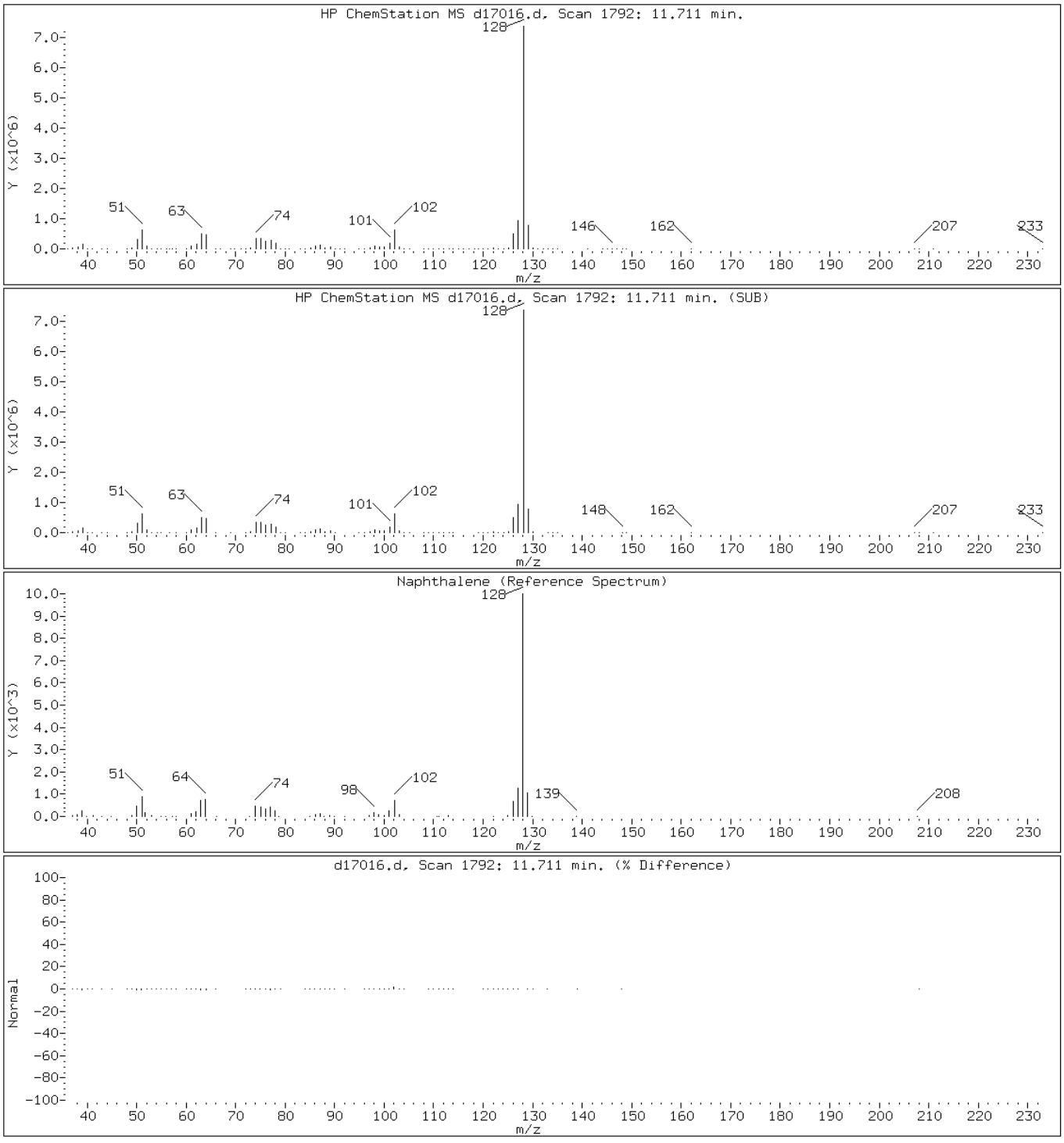
Data File: d17016.d

Date: 08-MAR-2010 16:16

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-13 Operator:

116 Naphthalene



Data File: d17016.d

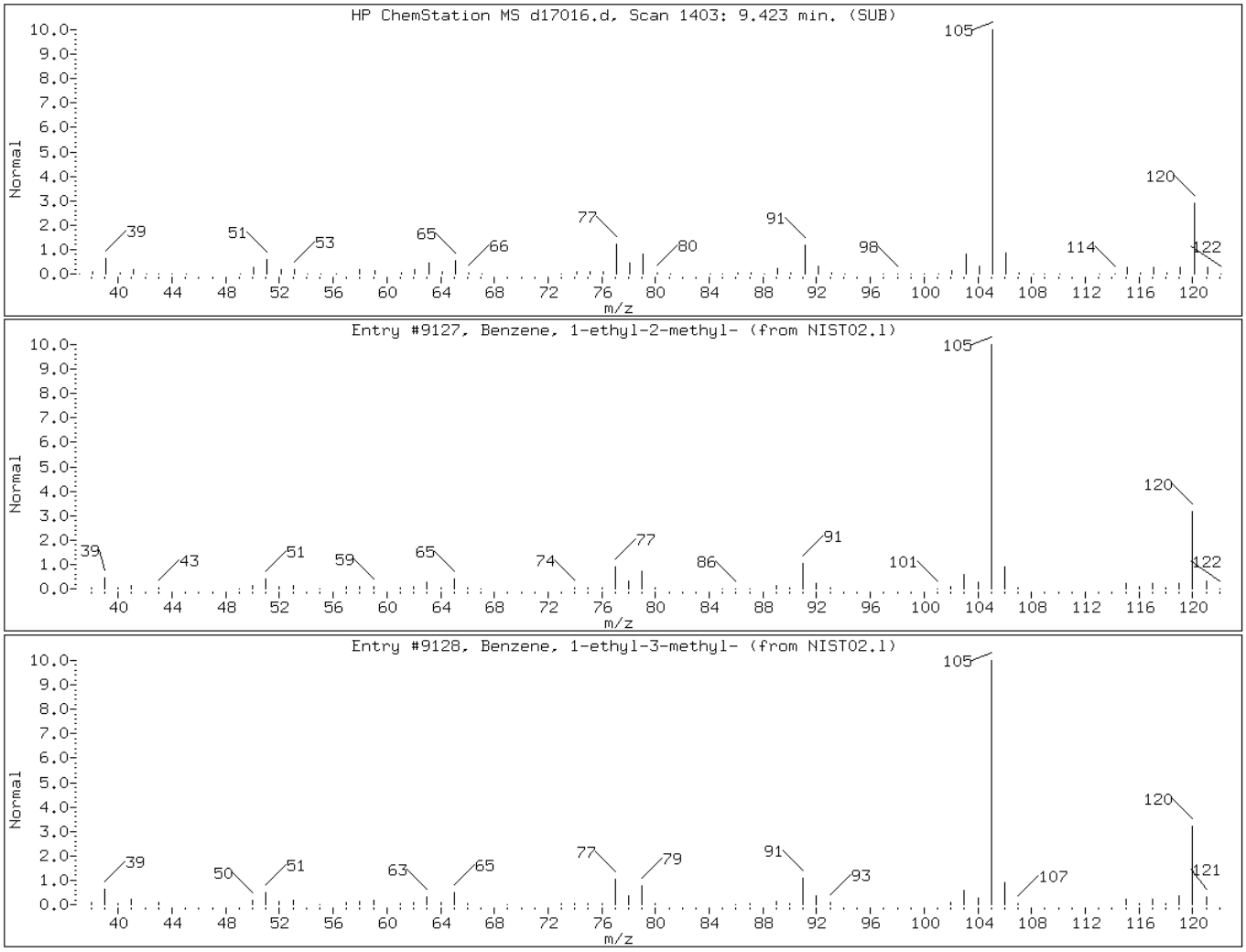
Date: 08-MAR-2010 16:16

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-13 Operator:

Retention Time: 9.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.l	9127	95	C9H12	120
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.l	9128	95	C9H12	120



Data File: d17016.d

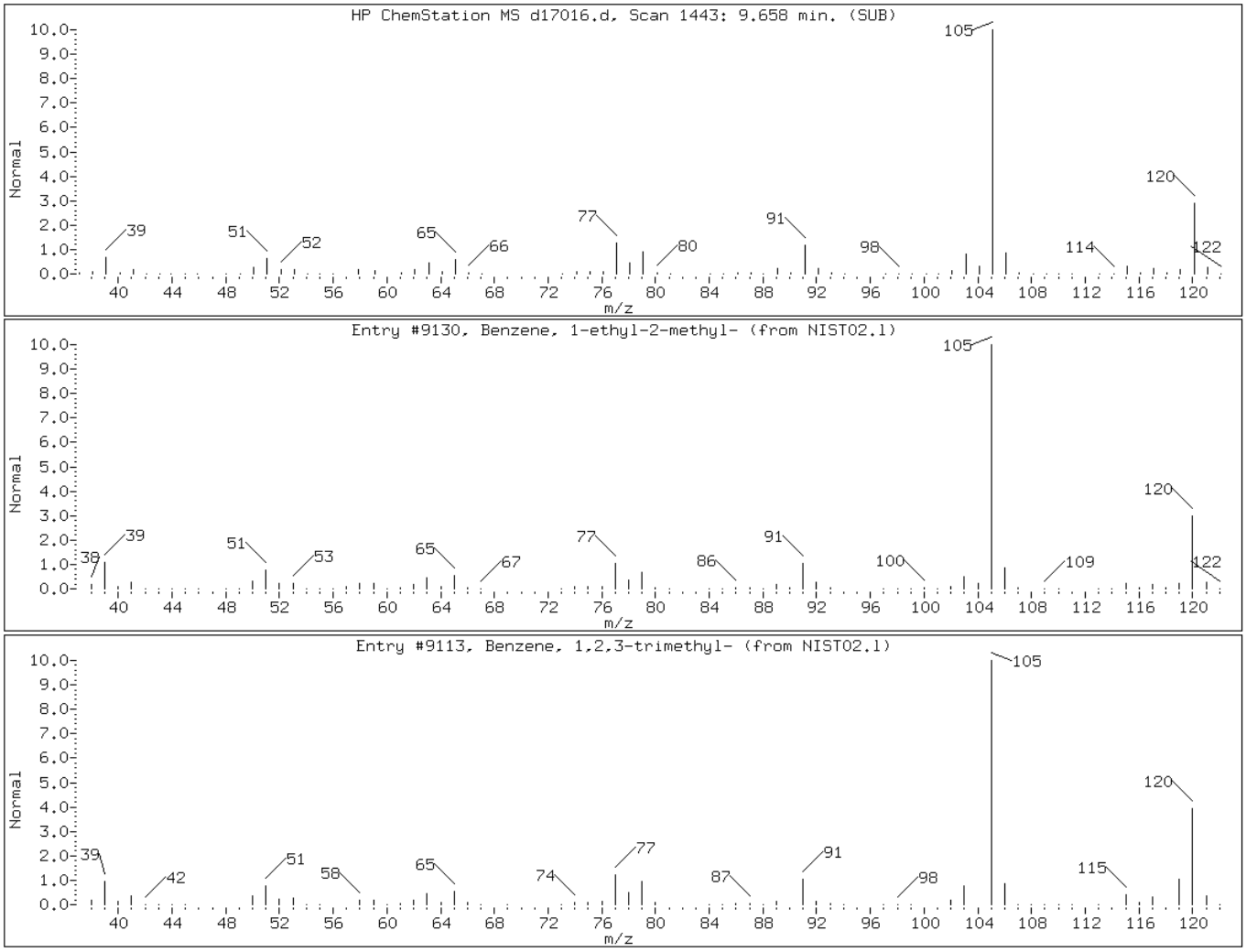
Date: 08-MAR-2010 16:16

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-13 Operator:

Retention Time: 9.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer -1						
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.l	9130	95	C9H12	120
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9113	91	C9H12	120



Data File: d17016.d

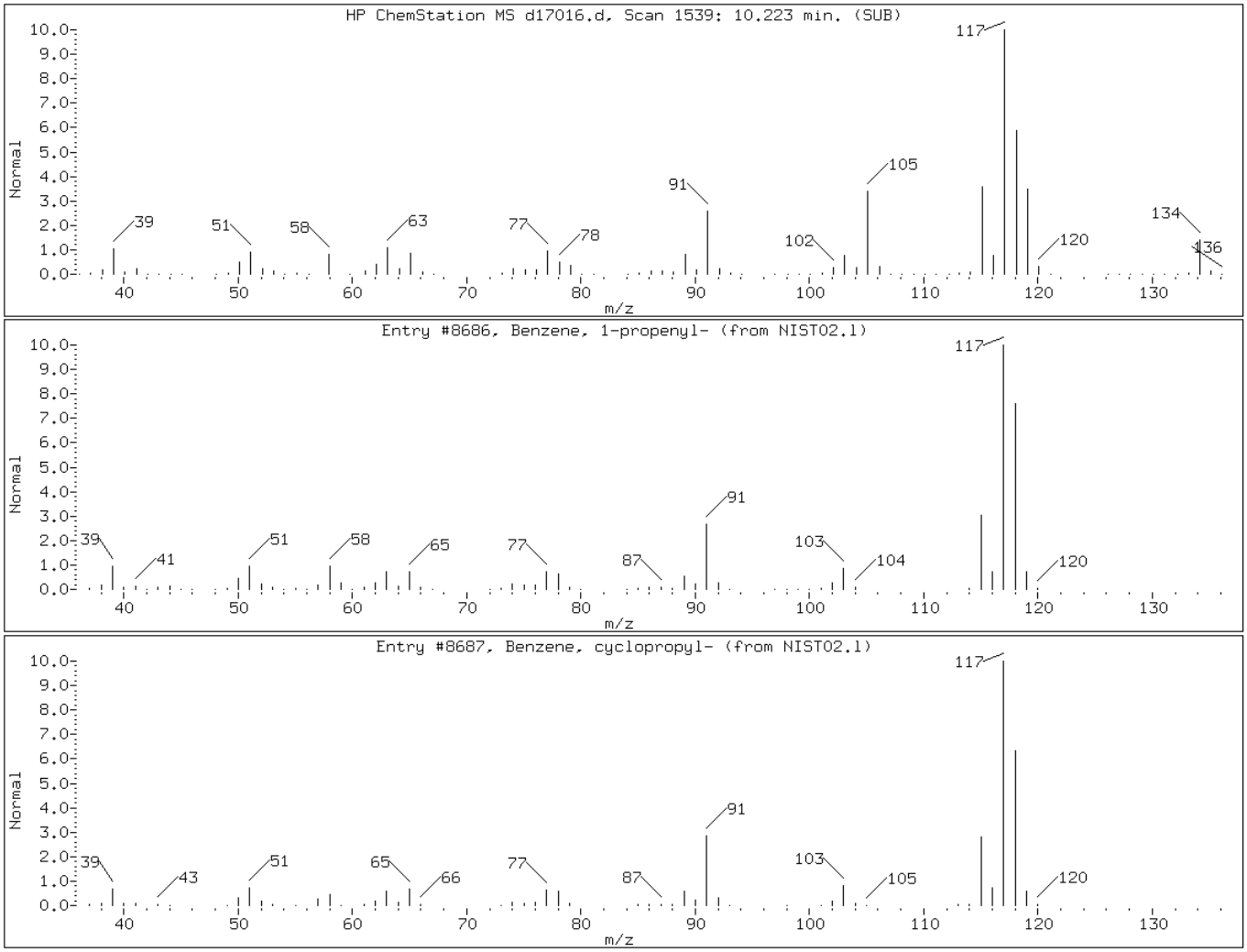
Date: 08-MAR-2010 16:16

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-13 Operator:

Retention Time: 10.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Benzene, 1-propenyl-	637-50-3	NIST02.l	8686	93	C9H10	118
Benzene, cyclopropyl-	873-49-4	NIST02.l	8687	92	C9H10	118



Data File: d17016.d

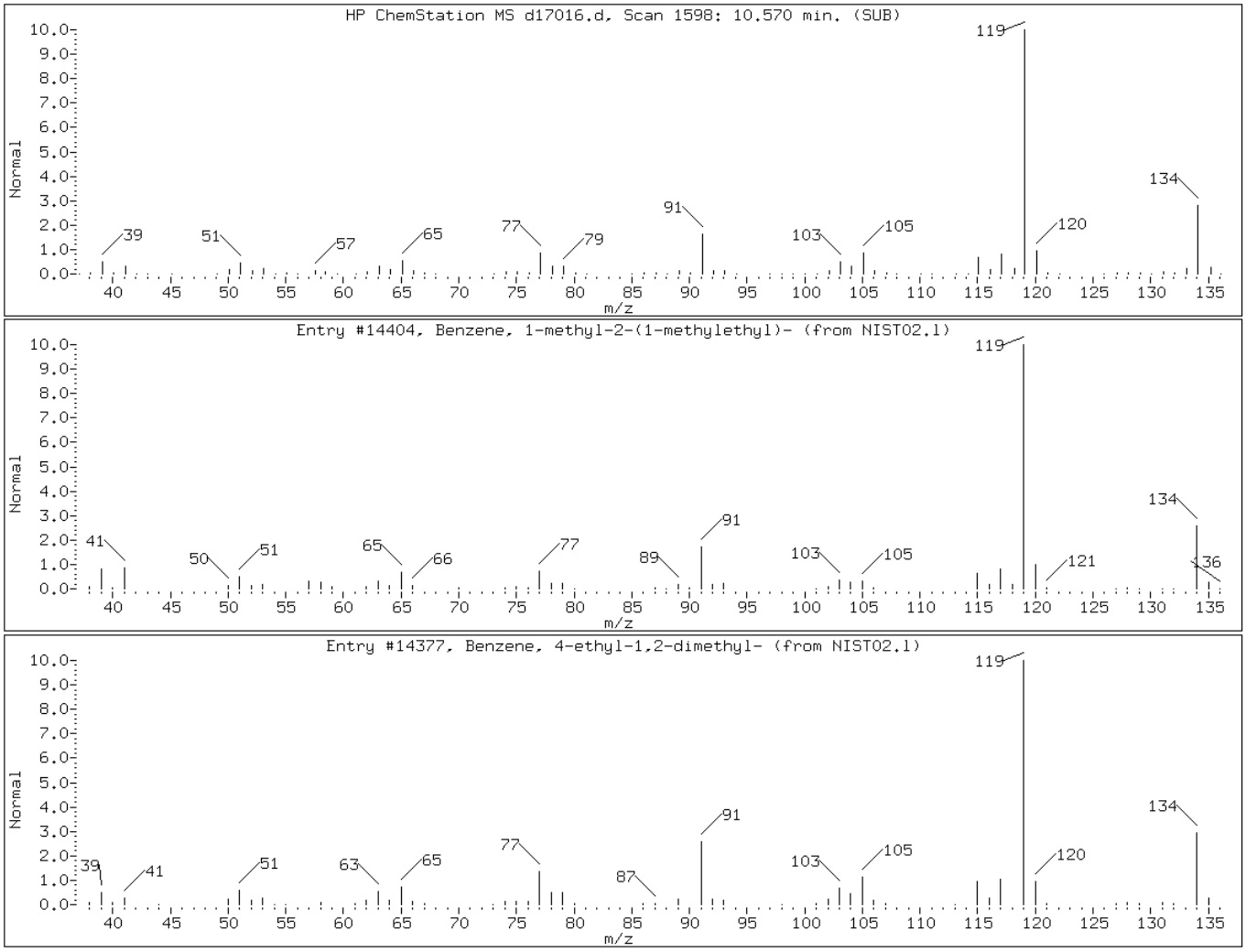
Date: 08-MAR-2010 16:16

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-13 Operator:

Retention Time: 10.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	97	C10H14	134
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	96	C10H14	134



Data File: d17016.d

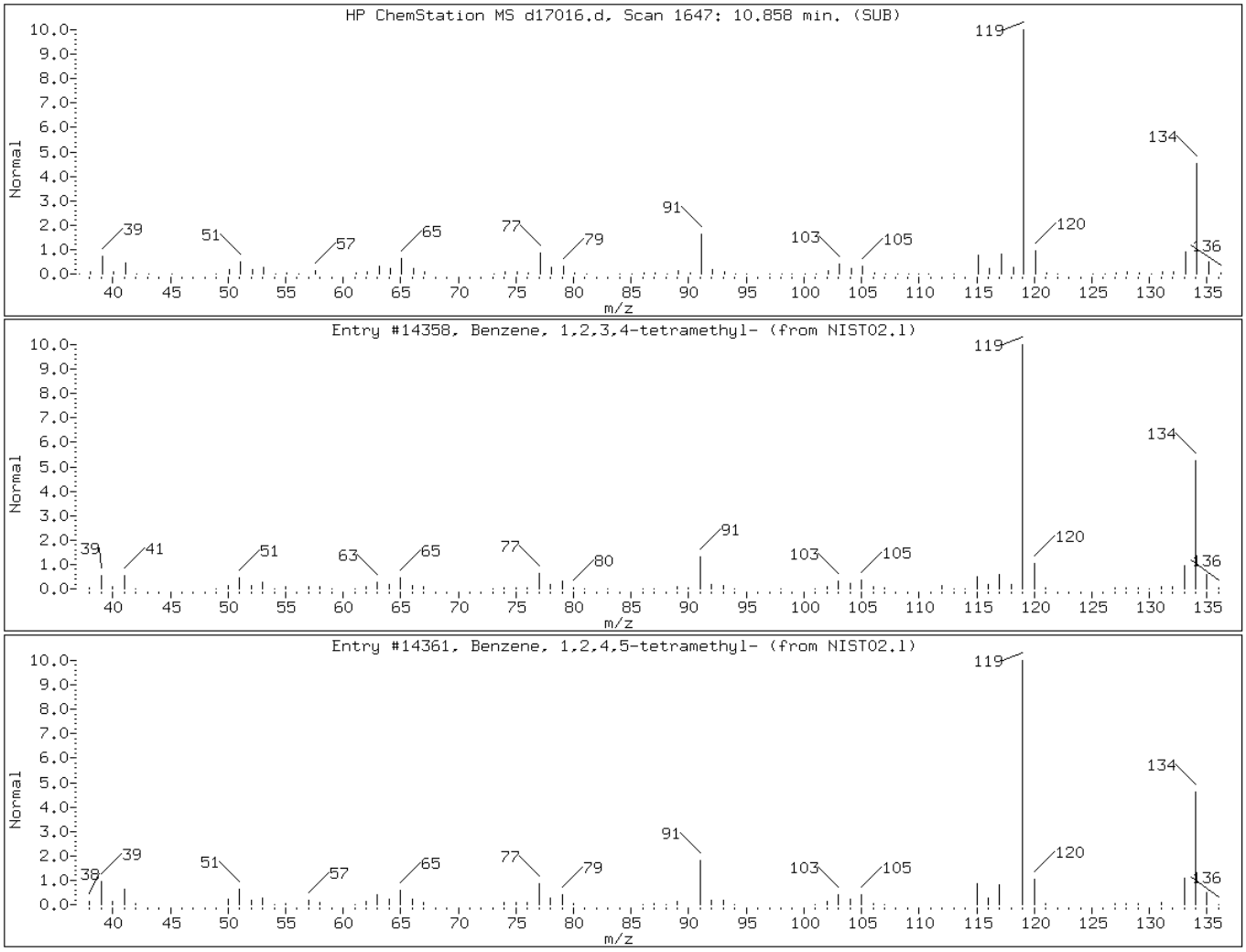
Date: 08-MAR-2010 16:16

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-13 Operator:

Retention Time: 10.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14358	97	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	96	C10H14	134



Data File: d17016.d

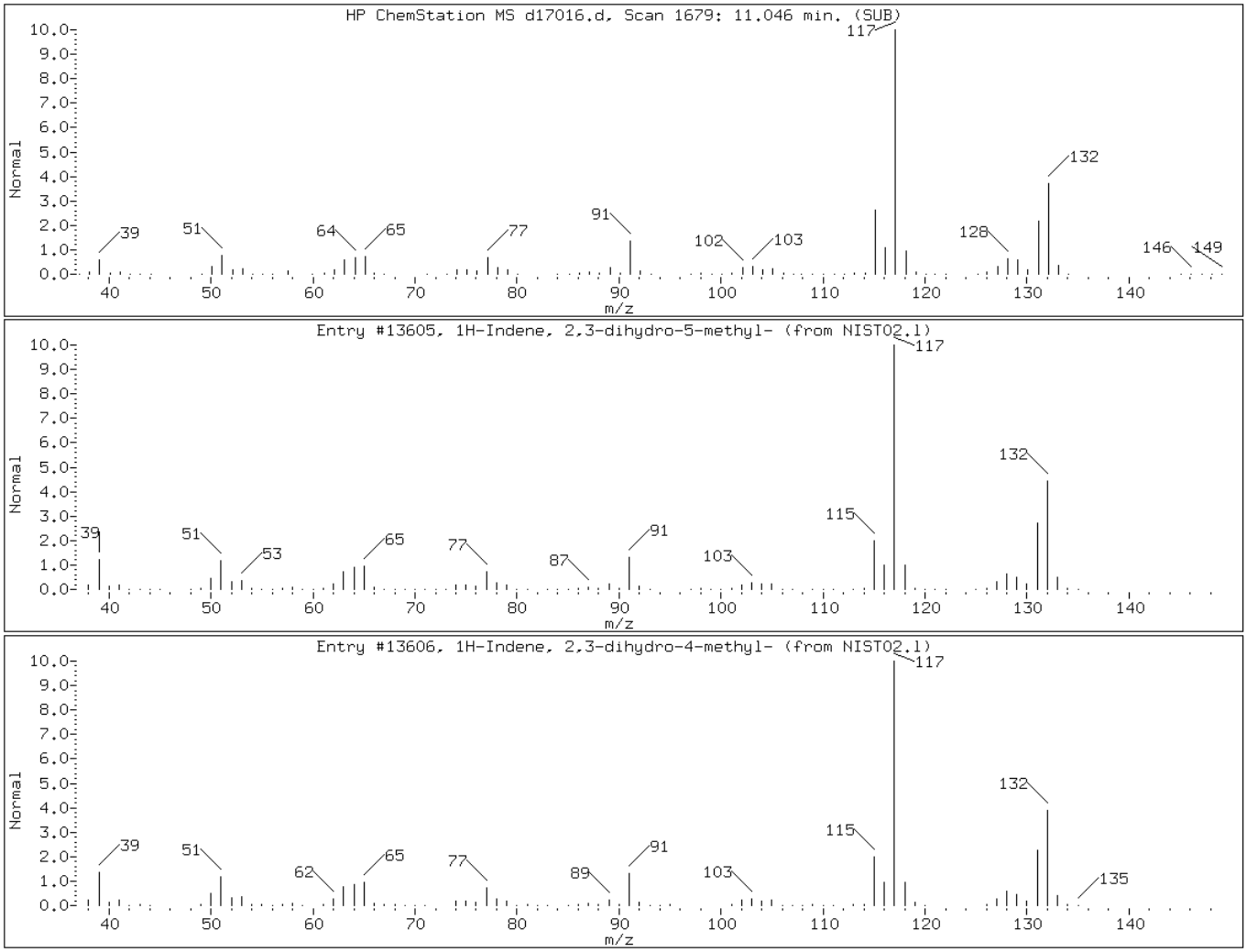
Date: 08-MAR-2010 16:16

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-13 Operator:

Retention Time: 11.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
1H-Indene, 2,3-dihydro-5-methyl-	874-35-1	NIST02.l	13605	95	C10H12	132
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.l	13606	95	C10H12	132



Data File: d17016.d

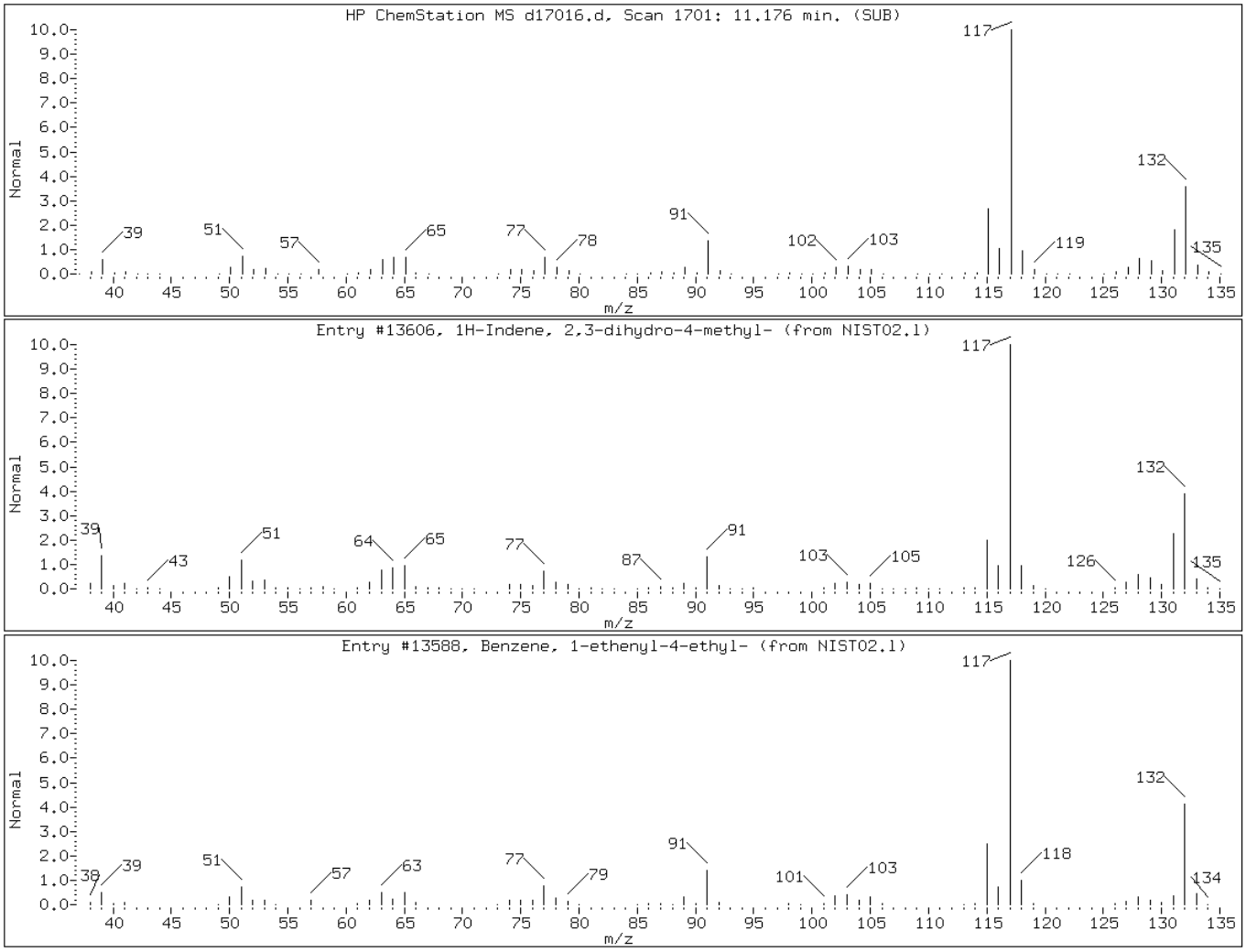
Date: 08-MAR-2010 16:16

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-13 Operator:

Retention Time: 11.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.l	13606	95	C10H12	132
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	94	C10H12	132



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-013 Lab Sample ID: 460-10889-13 DL

Matrix: GW Lab File ID: d16929.d

Analysis Method: 8260B Date Collected: 03/02/2010 15:45

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 17:38

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-82-8	Isopropylbenzene	560		2.0	0.42

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93	70-122	
460-00-4	4-Bromofluorobenzene	94	69-135	
2037-26-5	Toluene-d8 (Surr)	97	69-125	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16929.d
Report Date: 05-Mar-2010 21:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16929.d
Lab Smp Id: 460-10889-C-13 Client Smp ID: GW-017338-030210-AC
Inj Date : 05-MAR-2010 17:38
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-13;2
Misc Info : 460-10889-C-13
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 20:36 eddie Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 26
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.505	4.500	(0.943)	20991	46.2809	46
*	52 Fluorobenzene	96	4.776	4.776	(1.000)	443968	50.0000	
	56 Methyl cyclohexane	83	4.929	4.923	(1.032)	3213	0.63106	1.3(aH)
$	65 Toluene-d8 (SUR)	98	6.523	6.517	(0.801)	415777	48.3258	48
	66 Toluene	91	6.576	6.576	(0.808)	46919	4.03410	8.1
*	78 Chlorobenzene-d5	117	8.140	8.140	(1.000)	322055	50.0000	
	81 Ethylbenzene	106	8.205	8.205	(1.008)	408861	108.706	220
	82 m+p-Xylene	106	8.346	8.346	(1.025)	287668	61.0707	120
	84 o-Xylene	106	8.717	8.717	(1.071)	24590	5.33914	11
	88 Isopropylbenzene	105	8.993	8.987	(1.105)	3514908	278.921	560
$	89 Bromofluorobenzene (SUR)	174	9.205	9.205	(0.913)	150854	47.2178	47
	95 n-Propylbenzene	91	9.328	9.329	(0.925)	5403692	343.690	690
	97 1,3,5-Trimethylbenzene	105	9.493	9.493	(0.942)	839462	74.3986	150
	100 tert-Butylbenzene	119	9.734	9.734	(0.966)	3226	0.36155	0.72(a)
	101 1,2,4-Trimethylbenzene	105	9.793	9.793	(0.971)	4124678	344.775	690
	103 sec-Butylbenzene	105	9.875	9.870	(0.980)	99641	6.91930	14

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16929.d
Report Date: 05-Mar-2010 21:28

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	107 p-Isopropyltoluene	119	9.987	9.987	(0.991)	9056	0.73996	1.5(a)
*	108 1,4-Dichlorobenzene-d4	152	10.081	10.076	(1.000)	192476	50.0000	
	116 Naphthalene	128	11.705	11.705	(1.161)	3275467	304.367	610
M	121 Xylene (Total)	100				312258	66.4098	130

QC Flag Legend

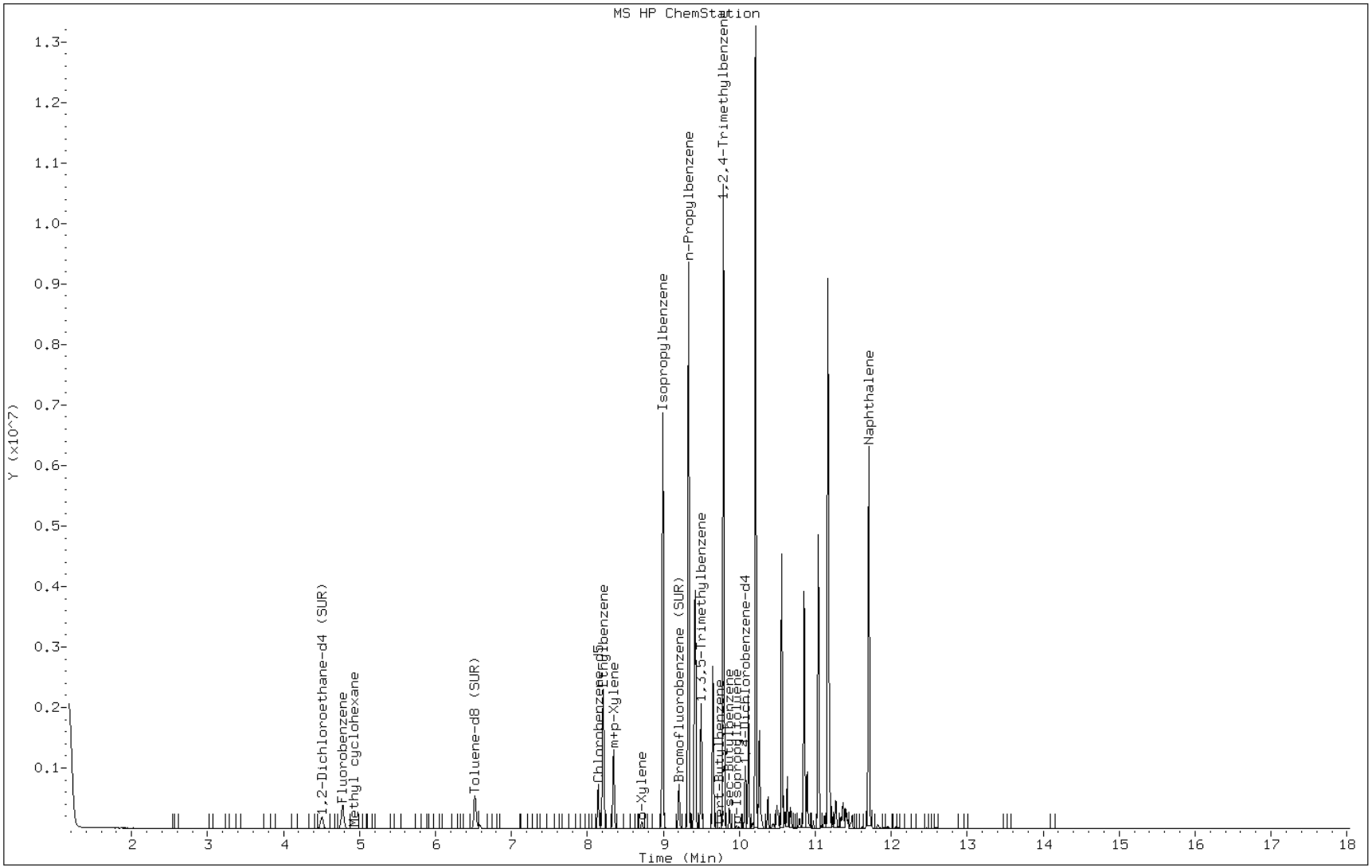
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d16929.d

Date: 05-MAR-2010 17:38

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-13;2 Operator:



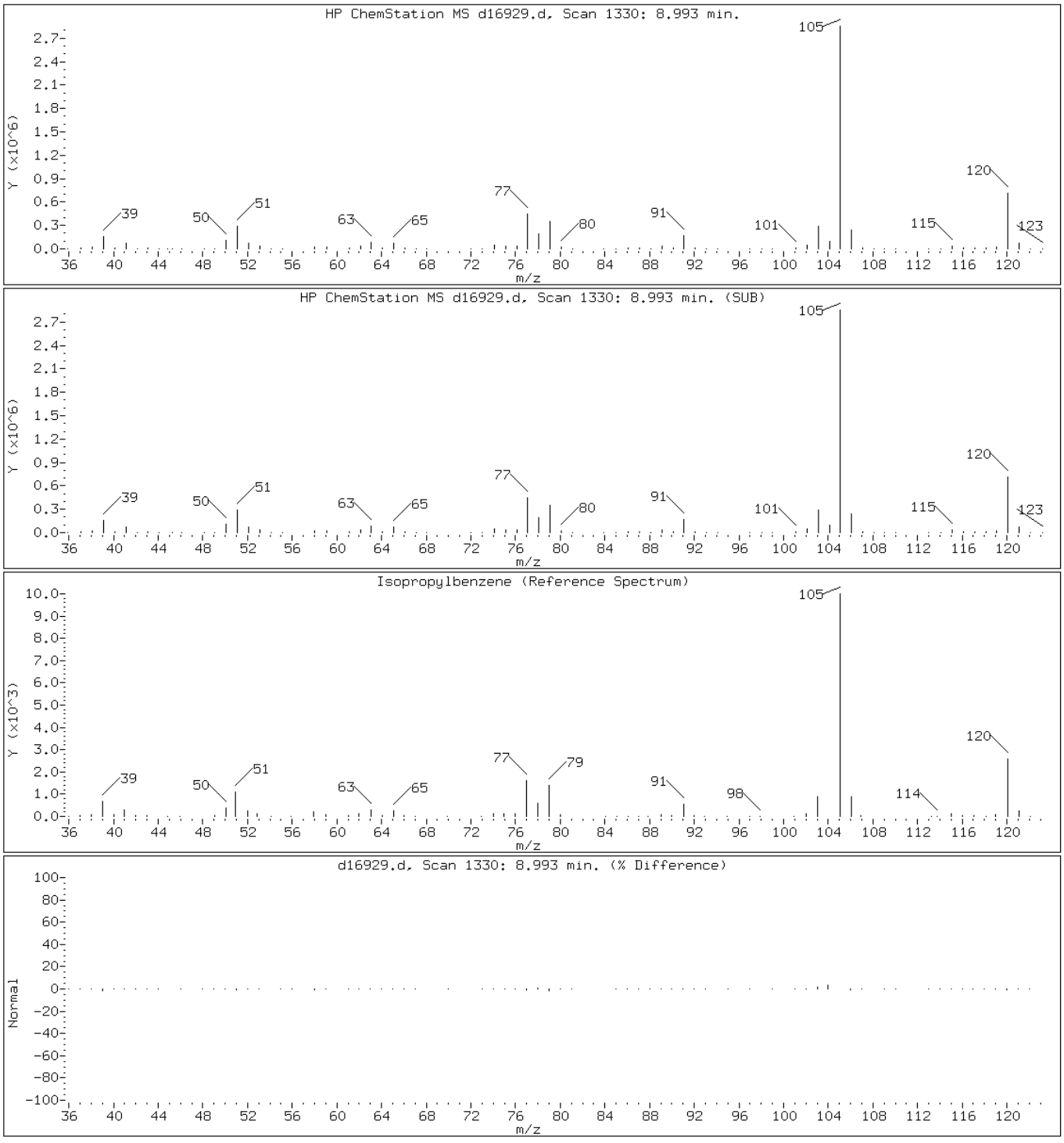
Data File: d16929.d

Date: 05-MAR-2010 17:38

Client ID: GW-017338-030210-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-13;2 Operator:

88 Isopropylbenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-014 Lab Sample ID: 460-10889-14

Matrix: GW Lab File ID: d16921.d

Analysis Method: 8260B Date Collected: 03/03/2010 09:55

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 14:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	0.54	J	1.0	0.15
100-41-4	Ethylbenzene	1.1		1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	2.4		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-014 Lab Sample ID: 460-10889-14

Matrix: GW Lab File ID: d16921.d

Analysis Method: 8260B Date Collected: 03/03/2010 09:55

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 14:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	2.0	J	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	0.47	J	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92	70-122	
460-00-4	4-Bromofluorobenzene	95	69-135	
2037-26-5	Toluene-d8 (Surr)	94	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-014 Lab Sample ID: 460-10889-14

Matrix: GW Lab File ID: d16921.d

Analysis Method: 8260B Date Collected: 03/03/2010 09:55

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 14:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16921.d
Report Date: 05-Mar-2010 21:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16921.d
Lab Smp Id: 460-10889-C-14 Client Smp ID: GW-017338-030310-AC
Inj Date : 05-MAR-2010 14:24
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-14
Misc Info : 460-10889-C-14
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 20:36 eddie Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
42 Chloroform	83	3.876	3.870	(0.810)	3200	0.54162	0.54(aH)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.511	4.500	(0.942)	21202	46.2136	46
* 52 Fluorobenzene	96	4.788	4.776	(1.000)	449084	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.523	6.517	(0.801)	392955	47.1742	47
66 Toluene	91	6.582	6.576	(0.808)	27439	2.43674	2.4
* 78 Chlorobenzene-d5	117	8.146	8.140	(1.000)	311808	50.0000	
81 Ethylbenzene	106	8.211	8.205	(1.008)	4149	1.13937	1.1
82 m+p-Xylene	106	8.346	8.346	(1.025)	7108	1.55859	1.6
84 o-Xylene	106	8.717	8.717	(1.070)	1758	0.39425	0.39(a)
88 Isopropylbenzene	105	8.993	8.987	(1.104)	5783	0.47398	0.47(a)
$ 89 Bromofluorobenzene (SUR)	174	9.211	9.205	(0.914)	138071	47.5360	48
95 n-Propylbenzene	91	9.328	9.329	(0.925)	12600	0.88149	0.88(a)
101 1,2,4-Trimethylbenzene	105	9.793	9.793	(0.971)	3419	0.31435	0.31(a)
* 108 1,4-Dichlorobenzene-d4	152	10.081	10.076	(1.000)	174987	50.0000	
M 121 Xylene (Total)	100				8866	1.95284	2.0(a)

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16921.d
Report Date: 05-Mar-2010 21:13

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16921.d
Report Date: 05-Mar-2010 21:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16921.d
Lab Smp Id: 460-10889-C-14 Client Smp ID: GW-017338-030310-AC
Inj Date : 05-MAR-2010 14:24
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-14
Misc Info : 460-10889-C-14
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 20:36 eddie Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

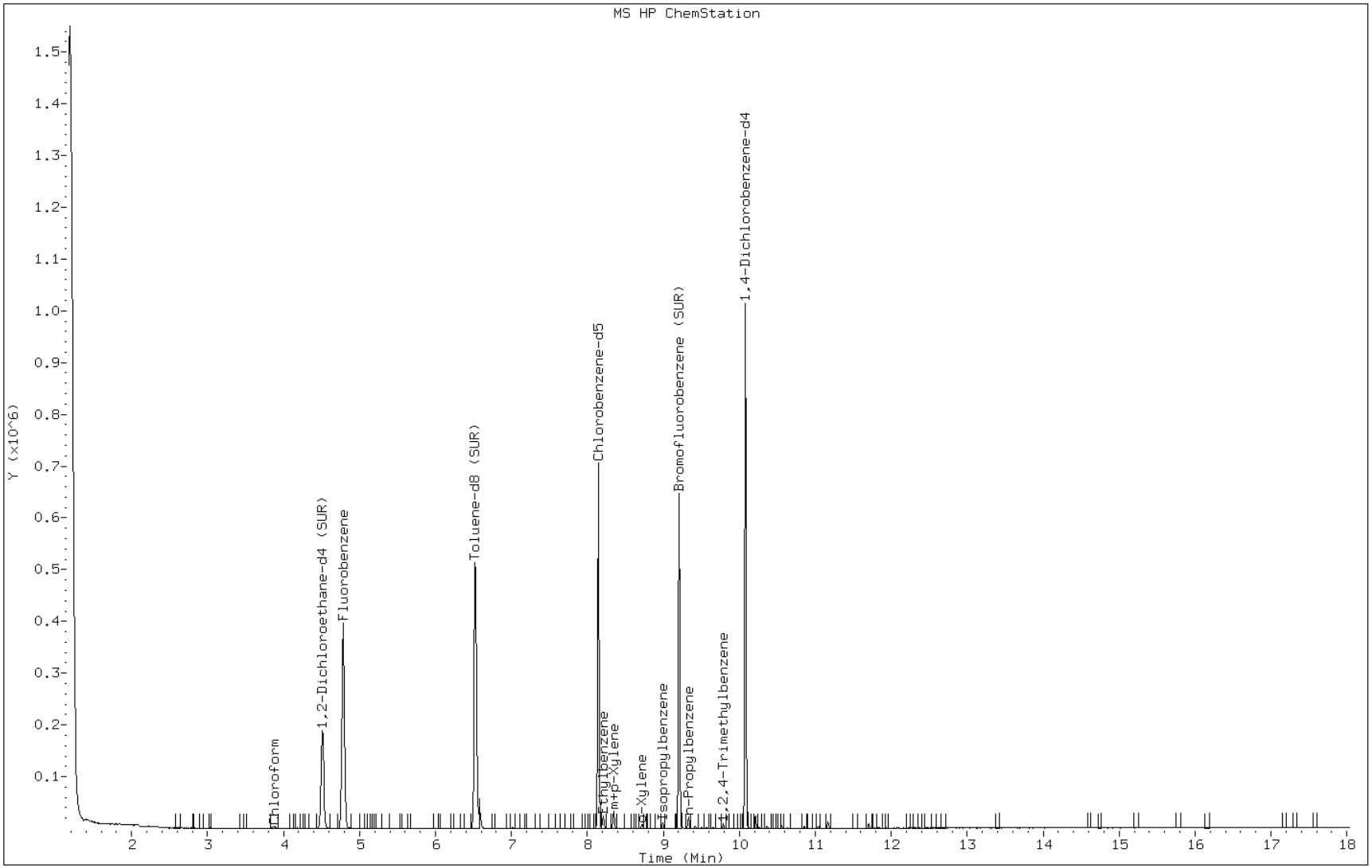
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d16921.d

Date: 05-MAR-2010 14:24

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-14 Operator:



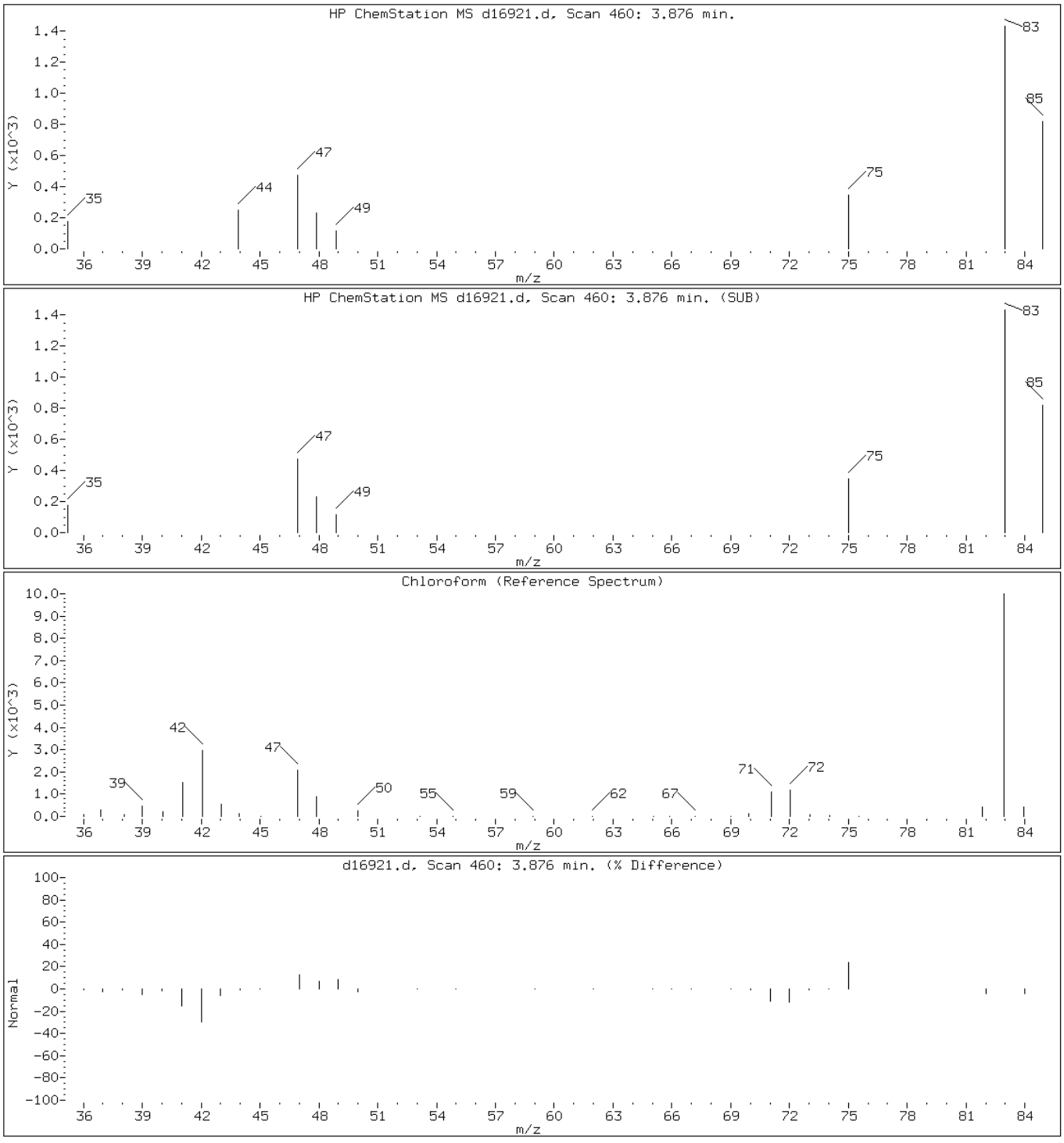
Data File: d16921.d

Date: 05-MAR-2010 14:24

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-14 Operator:

42 Chloroform



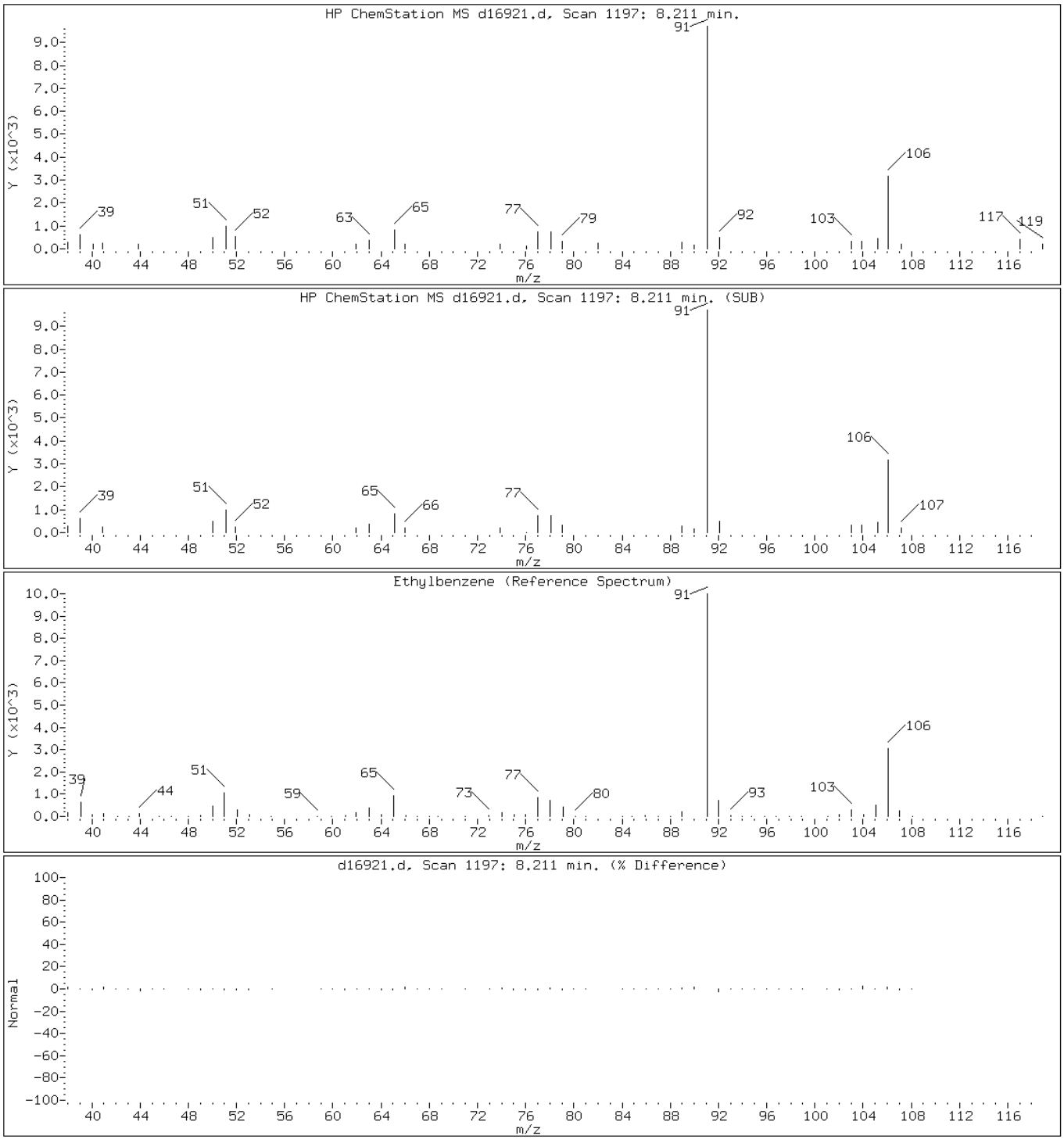
Data File: d16921.d

Date: 05-MAR-2010 14:24

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-14 Operator:

81 Ethylbenzene



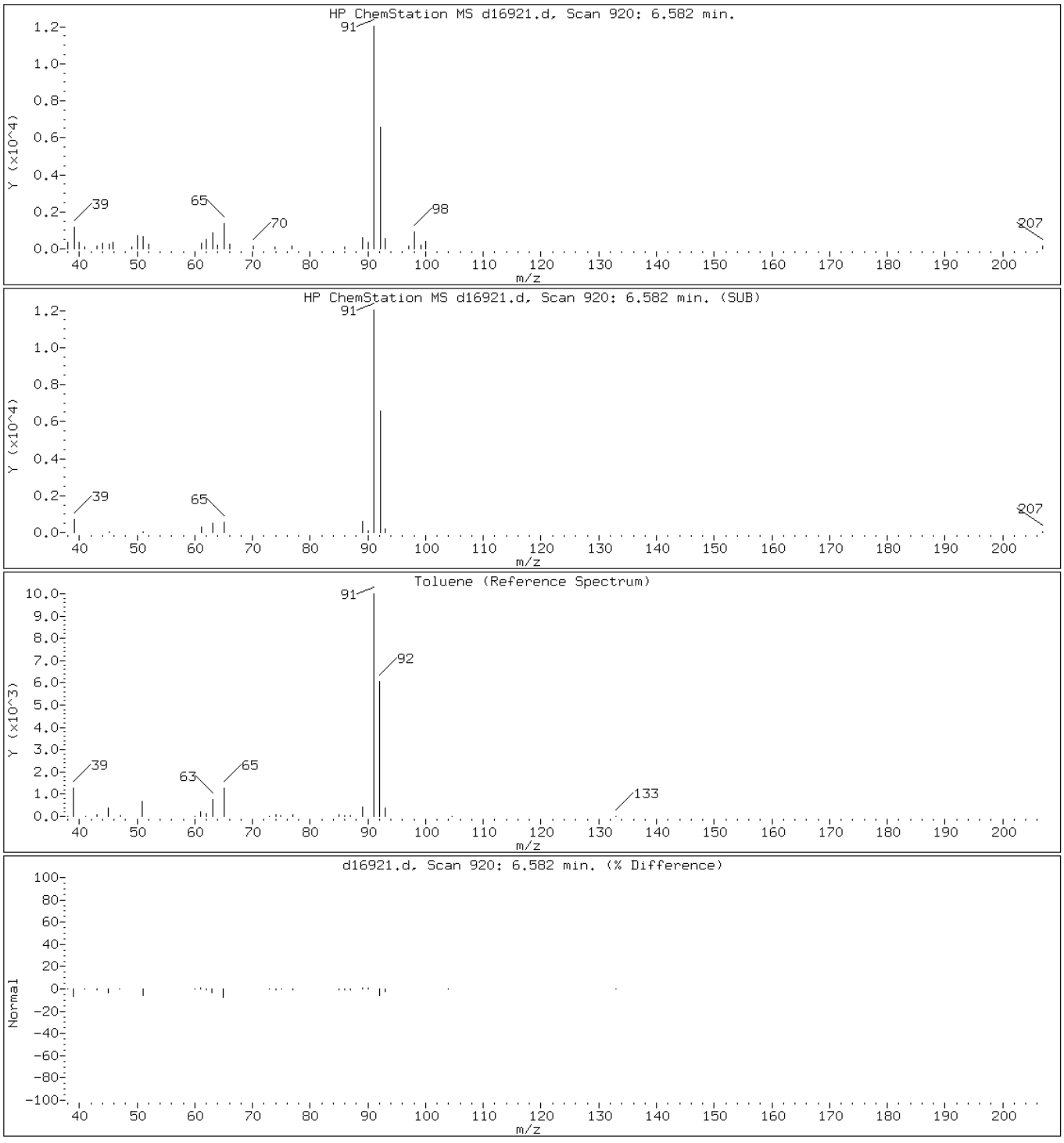
Data File: d16921.d

Date: 05-MAR-2010 14:24

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-14 Operator:

66 Toluene



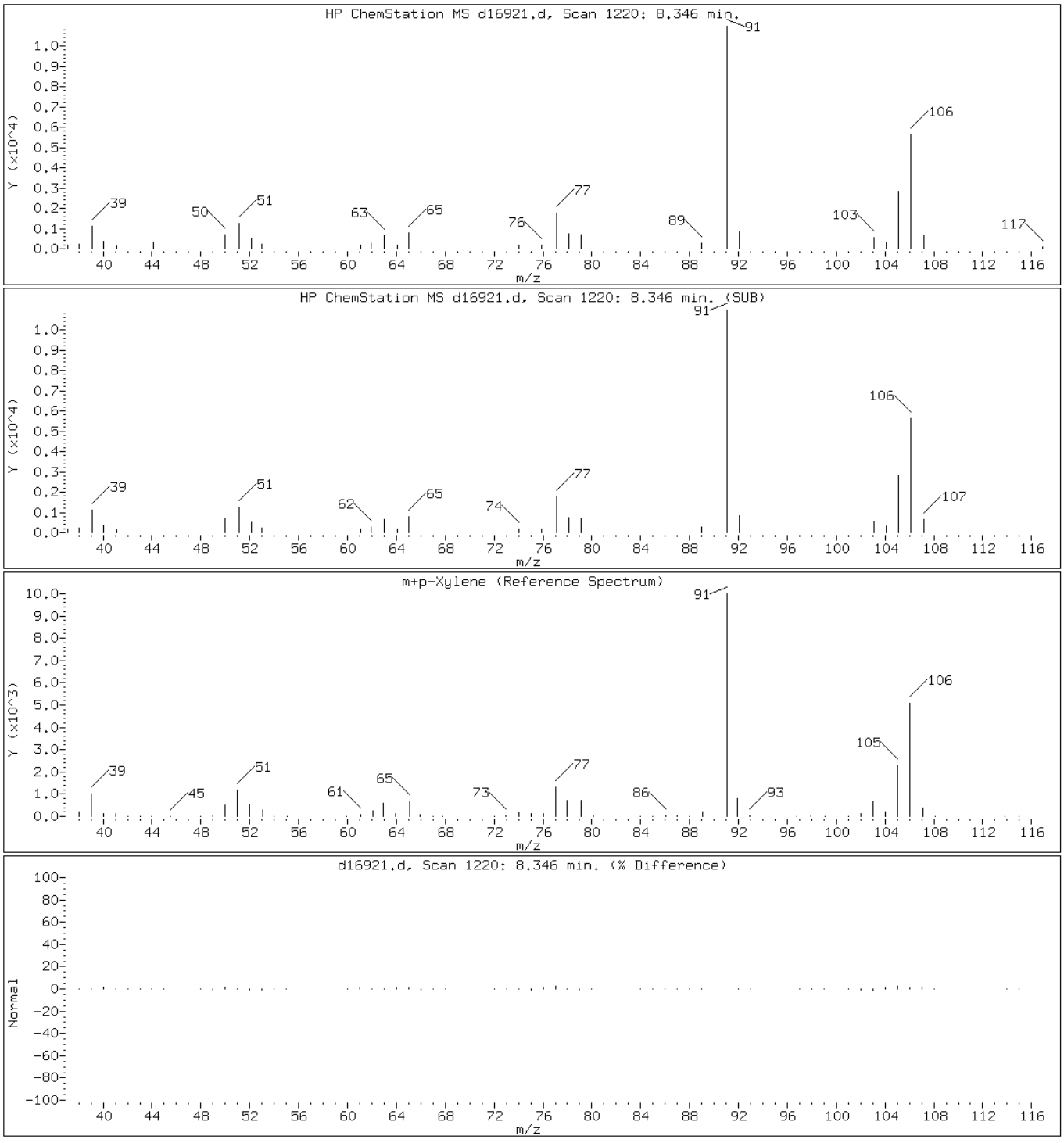
Data File: d16921.d

Date: 05-MAR-2010 14:24

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-14 Operator:

82 m+p-Xylene



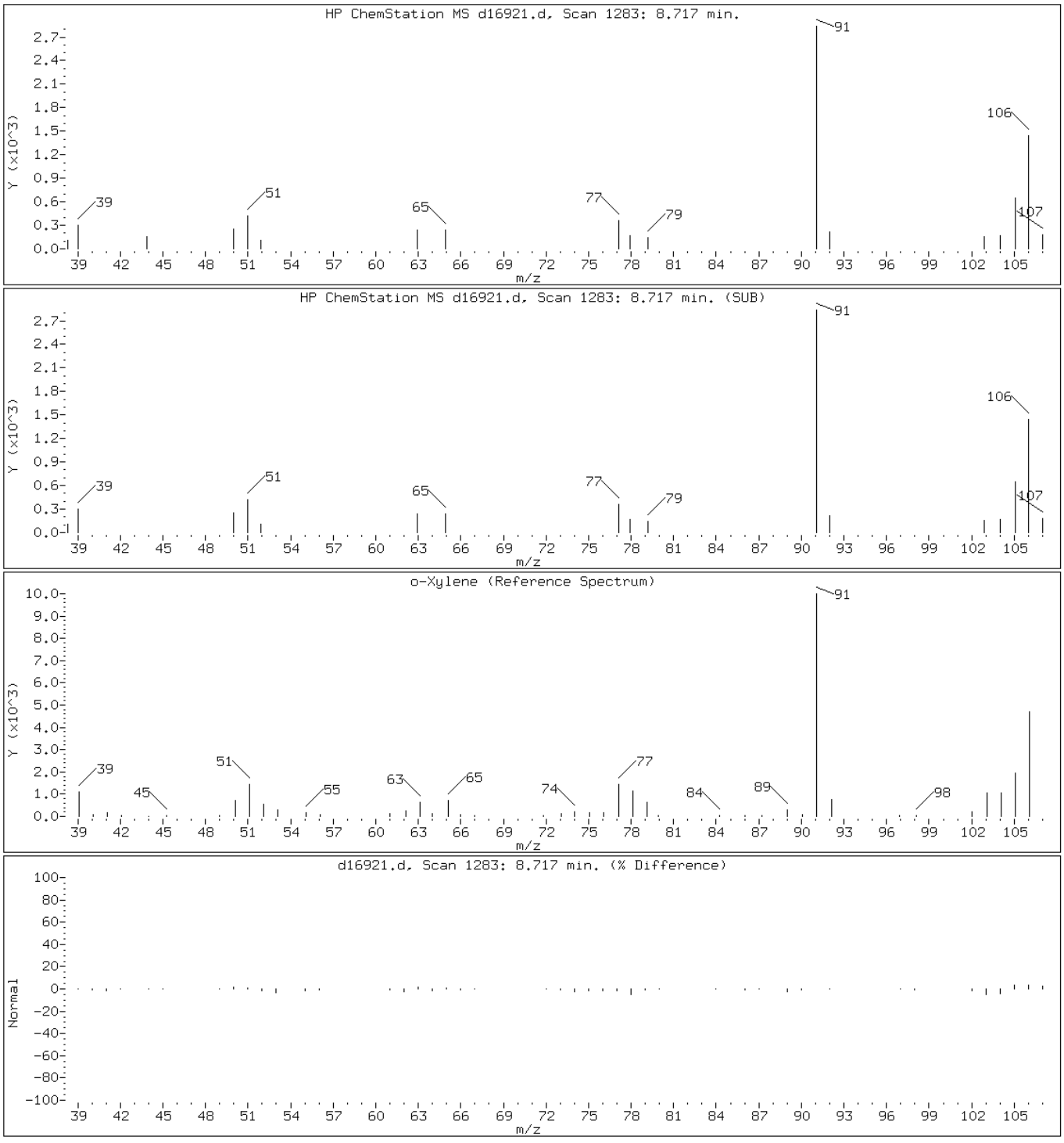
Data File: d16921.d

Date: 05-MAR-2010 14:24

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-14 Operator:

84 o-Xylene



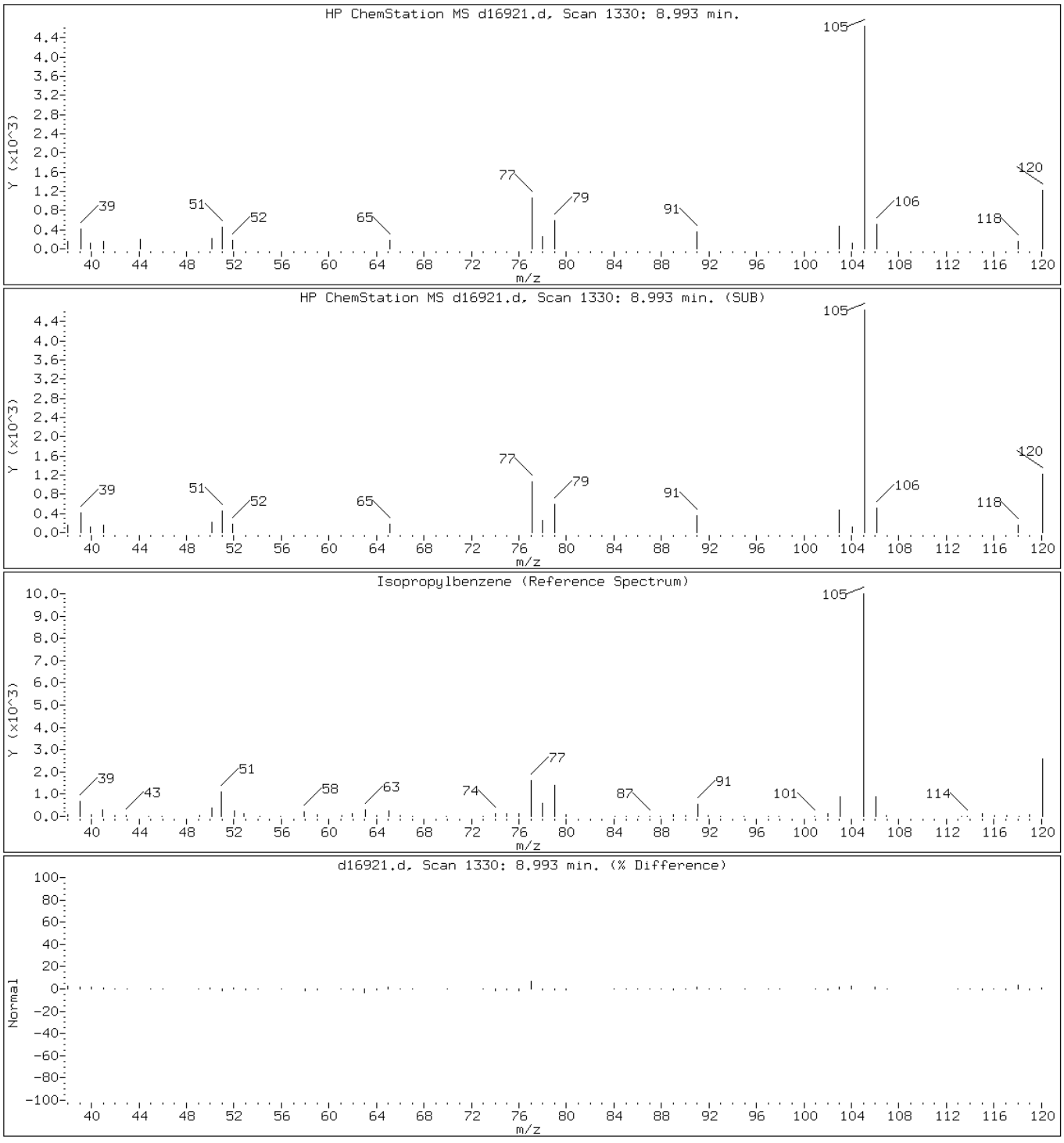
Data File: d16921.d

Date: 05-MAR-2010 14:24

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-14 Operator:

88 Isopropylbenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-015 Lab Sample ID: 460-10889-15

Matrix: GW Lab File ID: d16923.d

Analysis Method: 8260B Date Collected: 03/03/2010 11:00

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 15:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	J	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	0.47	J	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-015 Lab Sample ID: 460-10889-15

Matrix: GW Lab File ID: d16923.d

Analysis Method: 8260B Date Collected: 03/03/2010 11:00

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 15:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	2.4	J	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91	70-122	
460-00-4	4-Bromofluorobenzene	92	69-135	
2037-26-5	Toluene-d8 (Surr)	93	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-015 Lab Sample ID: 460-10889-15

Matrix: GW Lab File ID: d16923.d

Analysis Method: 8260B Date Collected: 03/03/2010 11:00

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 15:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16923.d
Report Date: 08-Mar-2010 19:53

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16923.d
Lab Smp Id: 460-10889-C-15 Client Smp ID: GW-017338-030310-RA
Inj Date : 05-MAR-2010 15:12
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-15
Misc Info : 460-10889-C-15
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 20:36 eddie Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.505	4.500	(0.943)	21322	45.3805	45
* 52 Fluorobenzene	96	4.776	4.776	(1.000)	459917	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.523	6.517	(0.801)	394509	46.3125	46
66 Toluene	91	6.581	6.576	(0.808)	5418	0.47050	0.47(a)
* 78 Chlorobenzene-d5	117	8.146	8.140	(1.000)	318866	50.0000	
81 Ethylbenzene	106	8.211	8.205	(1.008)	3707	0.99545	1.00
82 m+p-Xylene	106	8.346	8.346	(1.025)	10211	2.18943	2.2
84 o-Xylene	106	8.717	8.717	(1.070)	1099	0.24101	0.24(a)
$ 89 Bromofluorobenzene (SUR)	174	9.211	9.205	(0.914)	134142	45.7767	46
* 108 1,4-Dichlorobenzene-d4	152	10.081	10.076	(1.000)	176541	50.0000	
M 121 Xylene (Total)	100				11310	2.43044	2.4(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16923.d
Report Date: 08-Mar-2010 19:53

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16923.d
Lab Smp Id: 460-10889-C-15 Client Smp ID: GW-017338-030310-RA
Inj Date : 05-MAR-2010 15:12
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-15
Misc Info : 460-10889-C-15
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 20:36 eddie Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

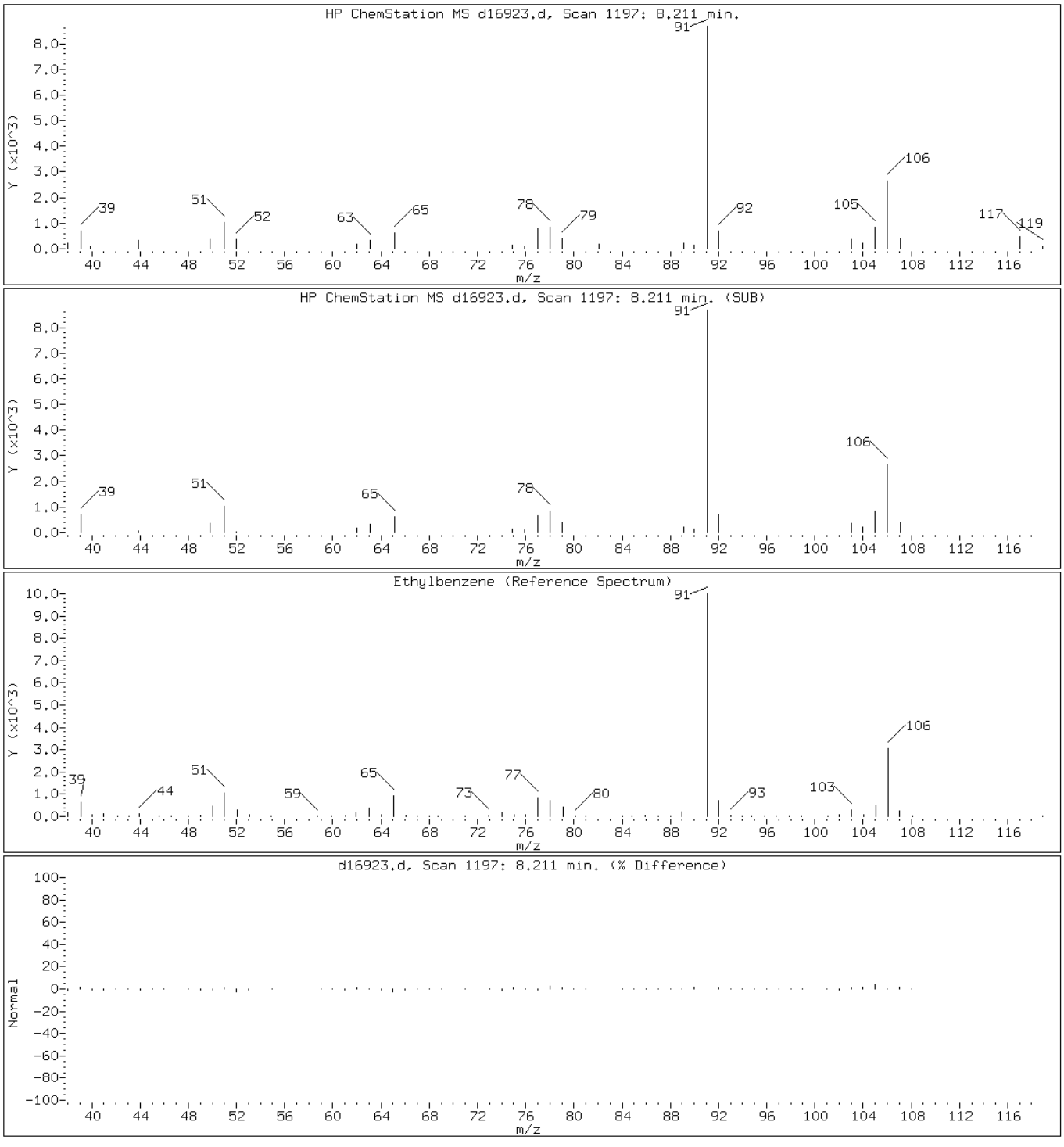
Data File: d16923.d

Date: 05-MAR-2010 15:12

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-15 Operator:

81 Ethylbenzene



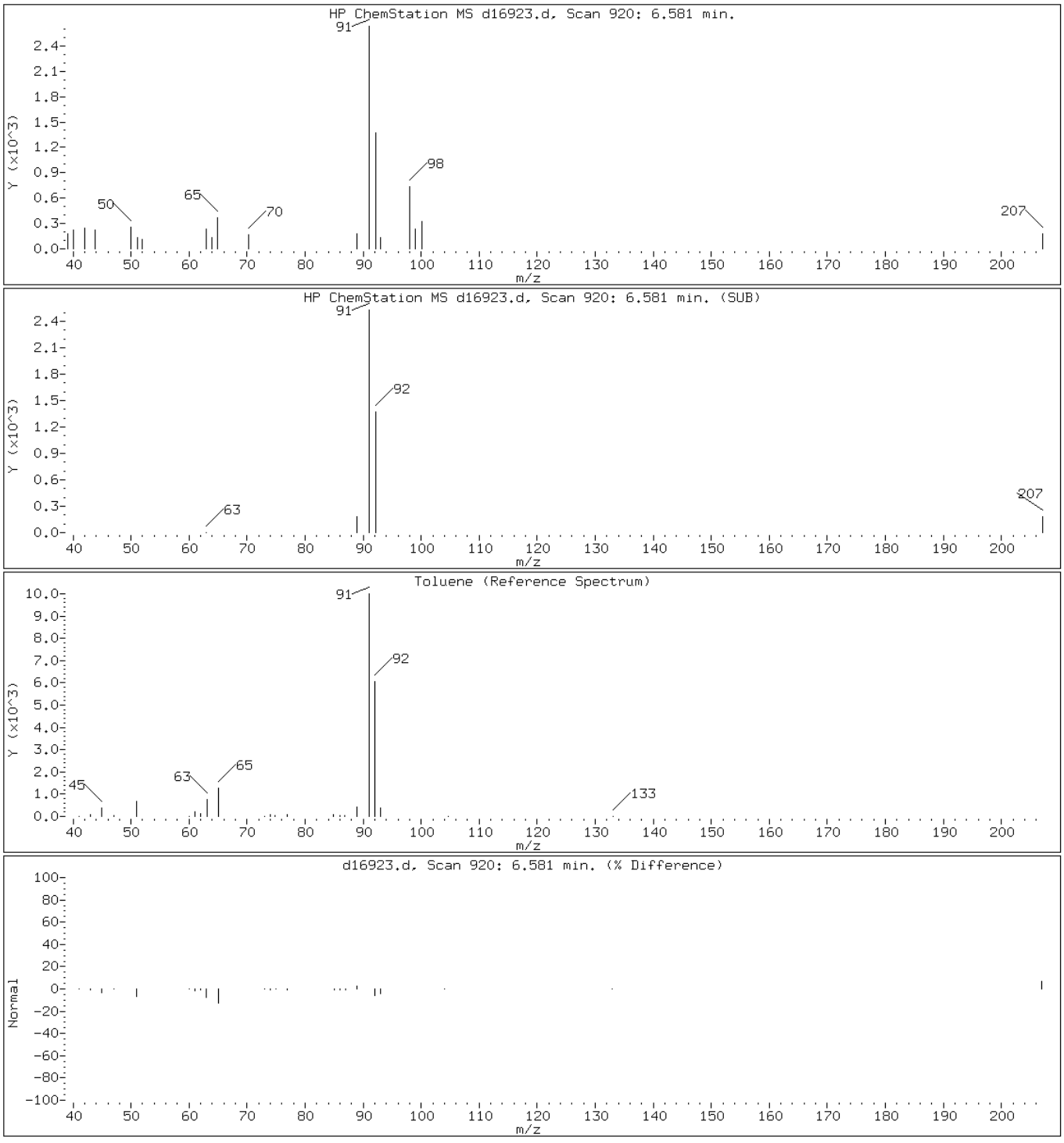
Data File: d16923.d

Date: 05-MAR-2010 15:12

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-15 Operator:

66 Toluene



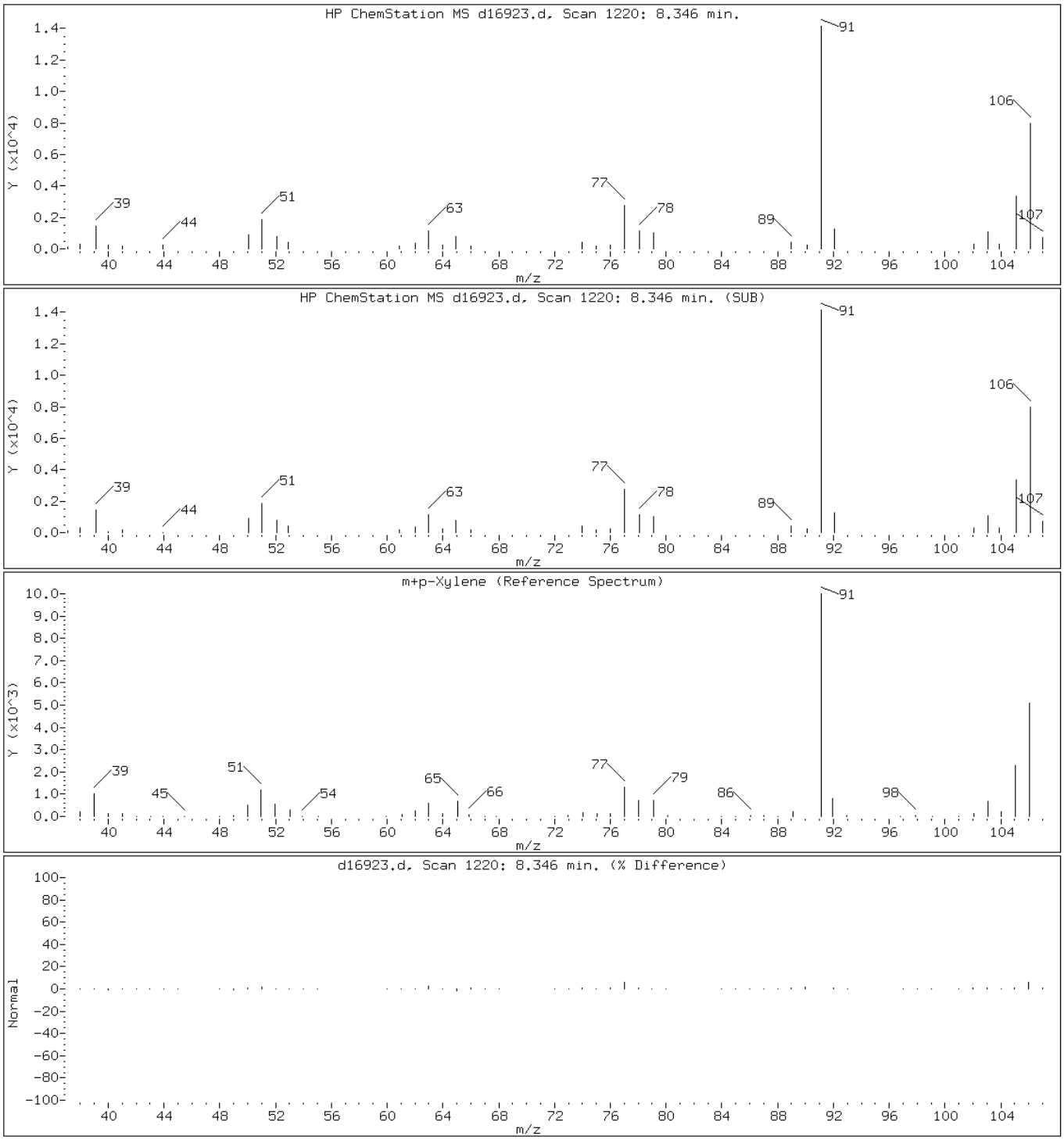
Data File: d16923.d

Date: 05-MAR-2010 15:12

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-C-15 Operator:

82 m+p-Xylene



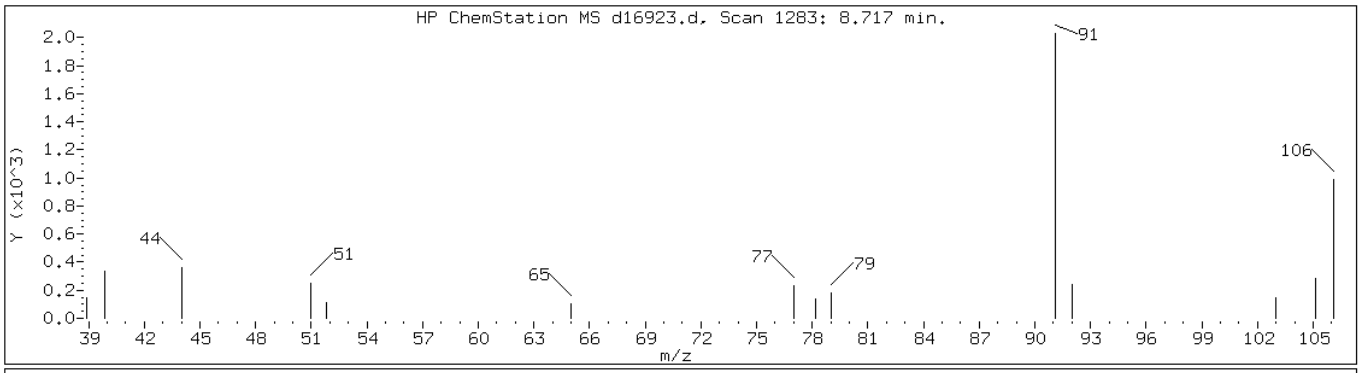
Data File: d16923.d

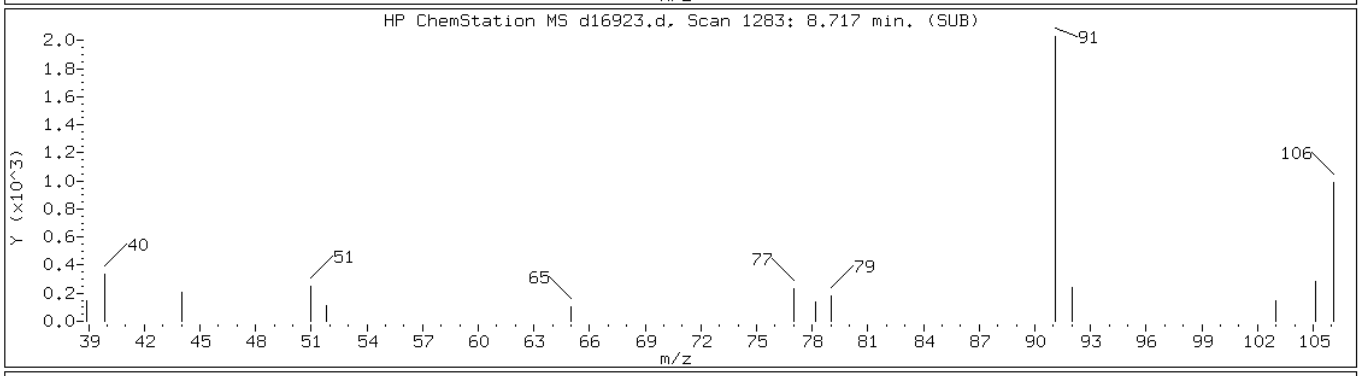
Date: 05-MAR-2010 15:12

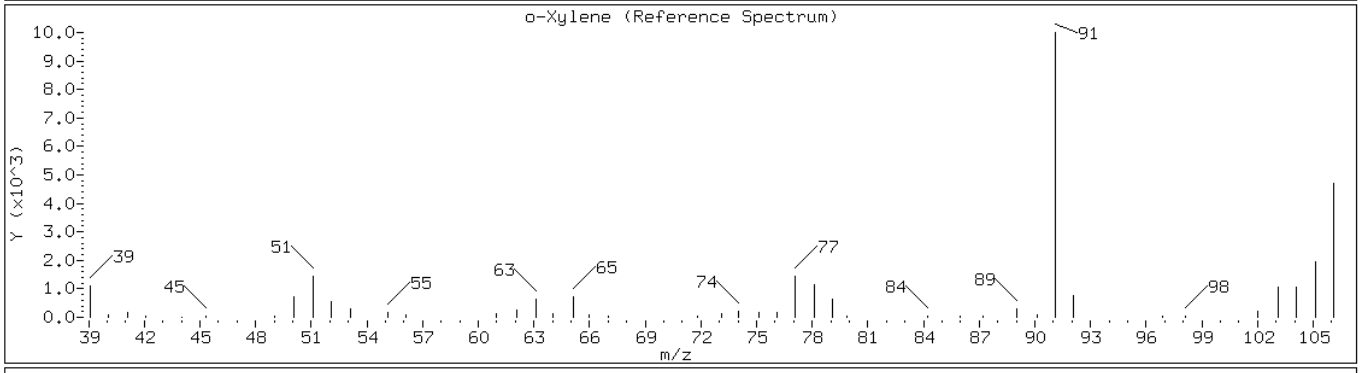
Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

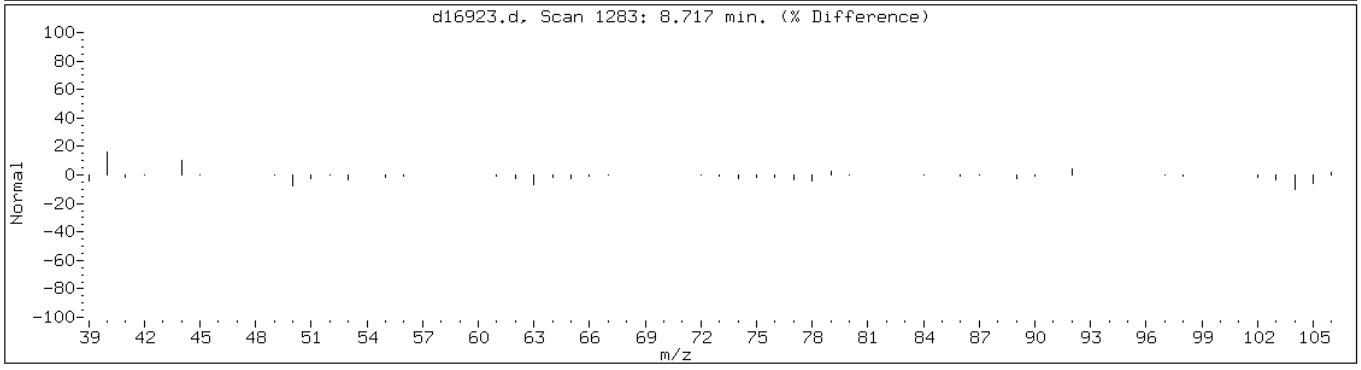
Sample Info: 460-10889-C-15 Operator:

84 o-Xylene









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-016 Lab Sample ID: 460-10889-16

Matrix: GW Lab File ID: d16924.d

Analysis Method: 8260B Date Collected: 03/03/2010 11:00

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 15:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.88	J	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	0.73	J	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.5		1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	4.6		1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	2.1		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-016 | Lab Sample ID: 460-10889-16

Matrix: GW | Lab File ID: d16924.d

Analysis Method: 8260B | Date Collected: 03/03/2010 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/05/2010 15:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 31311 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1400	E	1.0	0.16
1330-20-7	Xylenes, Total	2.5	J	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	4.3		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.1		1.0	0.22
106-46-7	1,4-Dichlorobenzene	7.9		1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86	70-122	
460-00-4	4-Bromofluorobenzene	97	69-135	
2037-26-5	Toluene-d8 (Surr)	86	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-016 Lab Sample ID: 460-10889-16

Matrix: GW Lab File ID: d16924.d

Analysis Method: 8260B Date Collected: 03/03/2010 11:00

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 15:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

Number TICs Found: 2 TIC Result Total: 31.3

CAS NO.	COMPOUND NAME	RT	RESULT	Q
496-11-7	Indane	10.22	26	T J N
	Diethylbenzene isomer	10.26	5.3	T J

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16924.d
Report Date: 05-Mar-2010 21:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16924.d
Lab Smp Id: 460-10889-C-16 Client Smp ID: GW-017338-030310-AC
Inj Date : 05-MAR-2010 15:37
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-16
Misc Info : 460-10889-C-16
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 20:36 eddie Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 MTBE	73	2.835	2.835	(0.593)	6743	0.73008	0.73(a)
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.511	4.500	(0.943)	20417	42.9921	43
	48 Benzene	78	4.376	4.370	(0.537)	63294	4.62093	4.6
*	52 Fluorobenzene	96	4.782	4.776	(1.000)	464862	50.0000	
$	65 Toluene-d8 (SUR)	98	6.523	6.517	(0.801)	432129	42.8162	43
	66 Toluene	91	6.588	6.576	(0.809)	28826	2.11280	2.1
*	78 Chlorobenzene-d5	117	8.146	8.140	(1.000)	377793	50.0000	
	79 Chlorobenzene	112	8.164	8.152	(1.002)	11943034	1425.70	1400(A)
	81 Ethylbenzene	106	8.211	8.205	(1.008)	6607	1.49747	1.5
	82 m+p-Xylene	106	8.346	8.346	(1.025)	11064	2.00230	2.0
	84 o-Xylene	106	8.717	8.717	(1.070)	2600	0.48124	0.48(a)
	88 Isopropylbenzene	105	8.993	8.987	(1.104)	64297	4.34944	4.3
$	89 Bromofluorobenzene (SUR)	174	9.211	9.205	(0.914)	146496	48.3952	48
	95 n-Propylbenzene	91	9.329	9.329	(0.925)	28628	1.92175	1.9
	101 1,2,4-Trimethylbenzene	105	9.793	9.793	(0.971)	5183	0.45725	0.46(a)
	103 sec-Butylbenzene	105	9.876	9.870	(0.980)	4811	0.35260	0.35(a)

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16924.d
Report Date: 05-Mar-2010 21:22

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
105 1,3-Dichlorobenzene	146	10.023	10.017	(0.994)	7025	1.12985	1.1
* 108 1,4-Dichlorobenzene-d4	152	10.081	10.076	(1.000)	182368	50.0000	
109 1,4-Dichlorobenzene	146	10.093	10.087	(1.001)	49307	7.85759	7.8
111 1,2-Dichlorobenzene	146	10.405	10.399	(1.032)	5502	0.87938	0.88(a)
116 Naphthalene	128	11.705	11.705	(1.161)	18986	1.86203	1.9
M 121 Xylene (Total)	100				13664	2.48354	2.5(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16924.d
Report Date: 05-Mar-2010 21:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16924.d
Lab Smp Id: 460-10889-C-16 Client Smp ID: GW-017338-030310-AC
Inj Date : 05-MAR-2010 15:37
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-16
Misc Info : 460-10889-C-16
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 20:36 eddie Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 108 1,4-Dichlorobenzene-d4	10.081	1346604	50.000

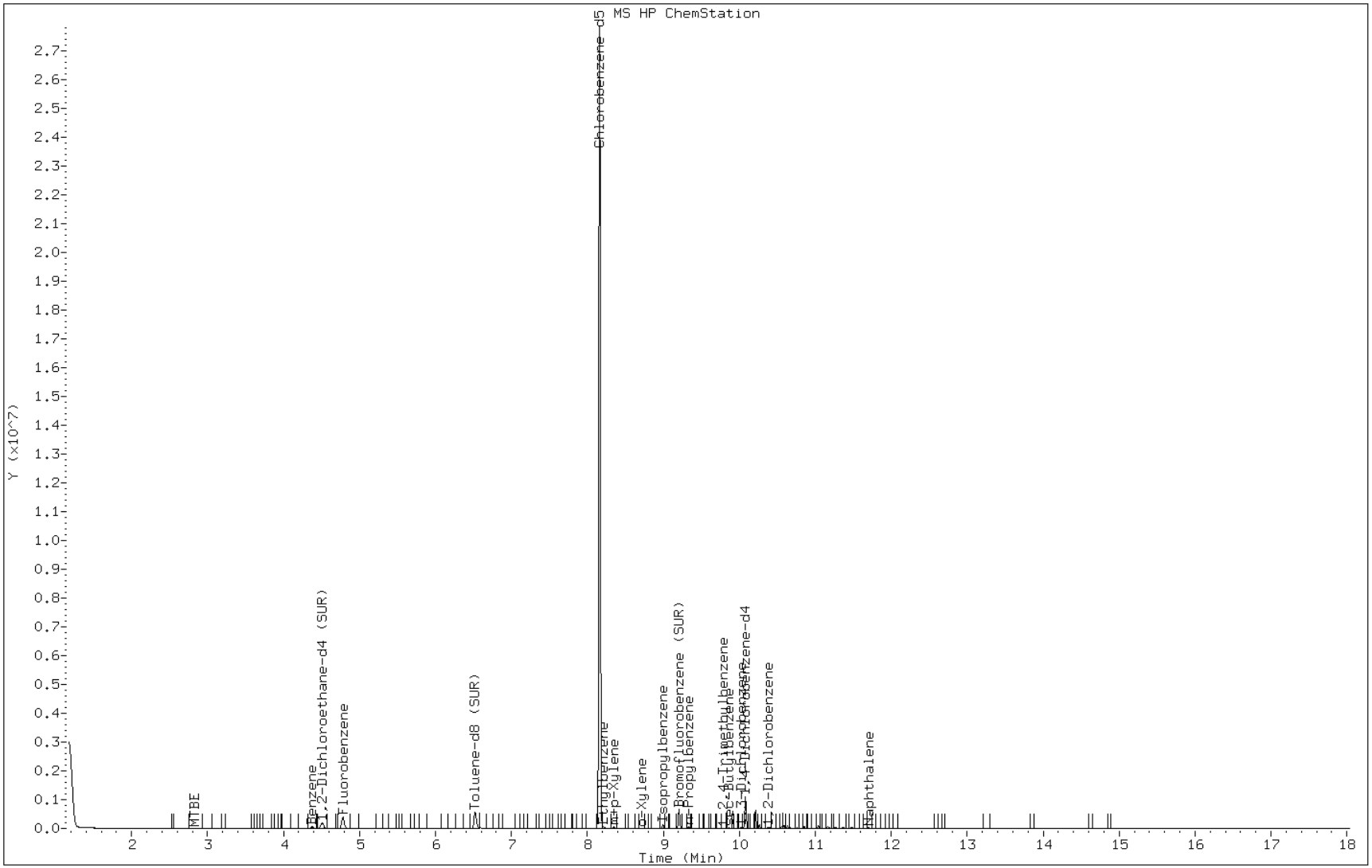
	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Indane				CAS #: 496-11-7			
10.217	705030	26.1780535	26	94	NIST02.l	8676	108
Diethylbenzene isomer				CAS #:			
10.264	142594	5.29458843	5.3	0		0	108

Data File: d16924.d

Date: 05-MAR-2010 15:37

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-16 Operator:



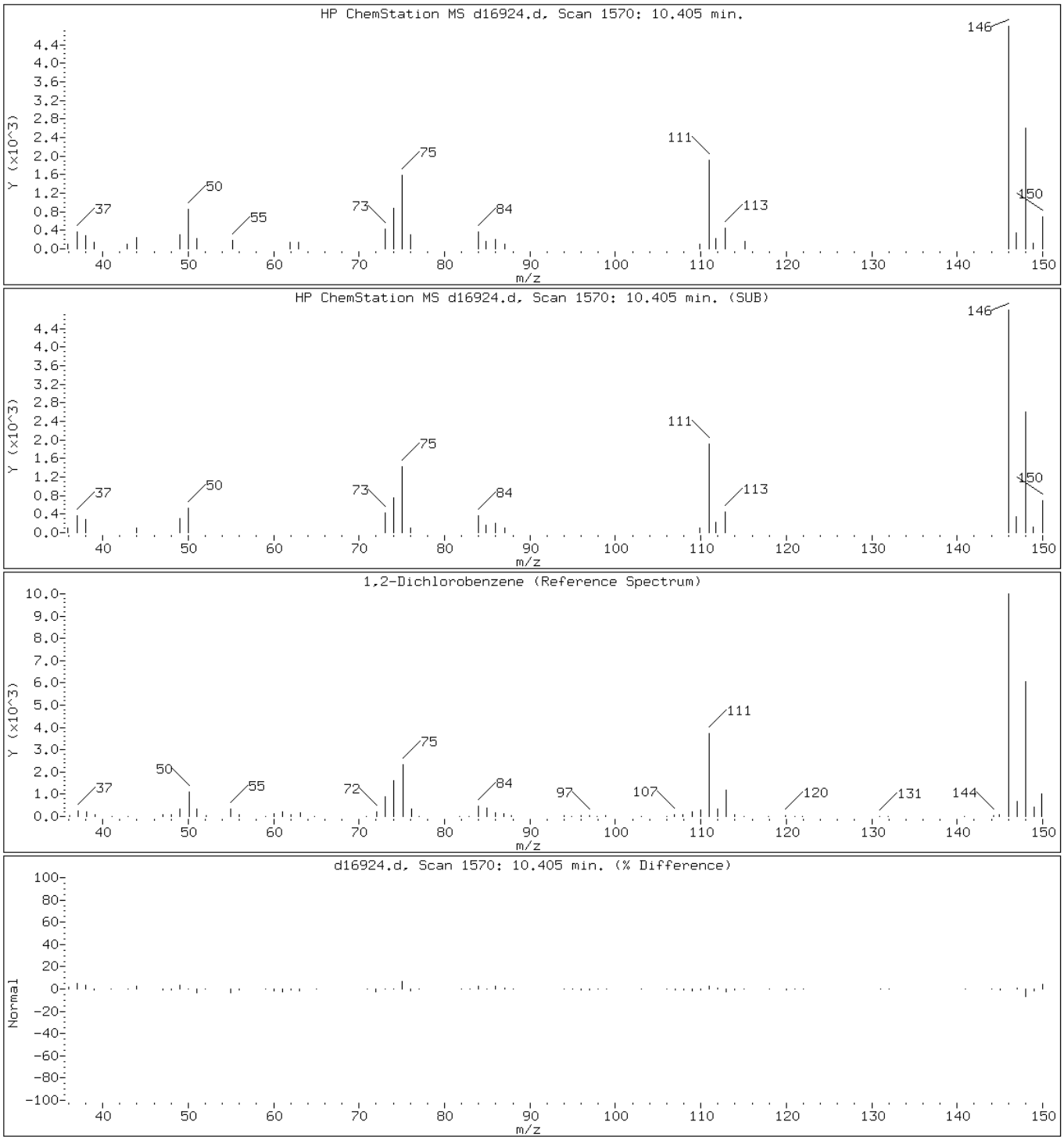
Data File: d16924.d

Date: 05-MAR-2010 15:37

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-16 Operator:

111 1,2-Dichlorobenzene



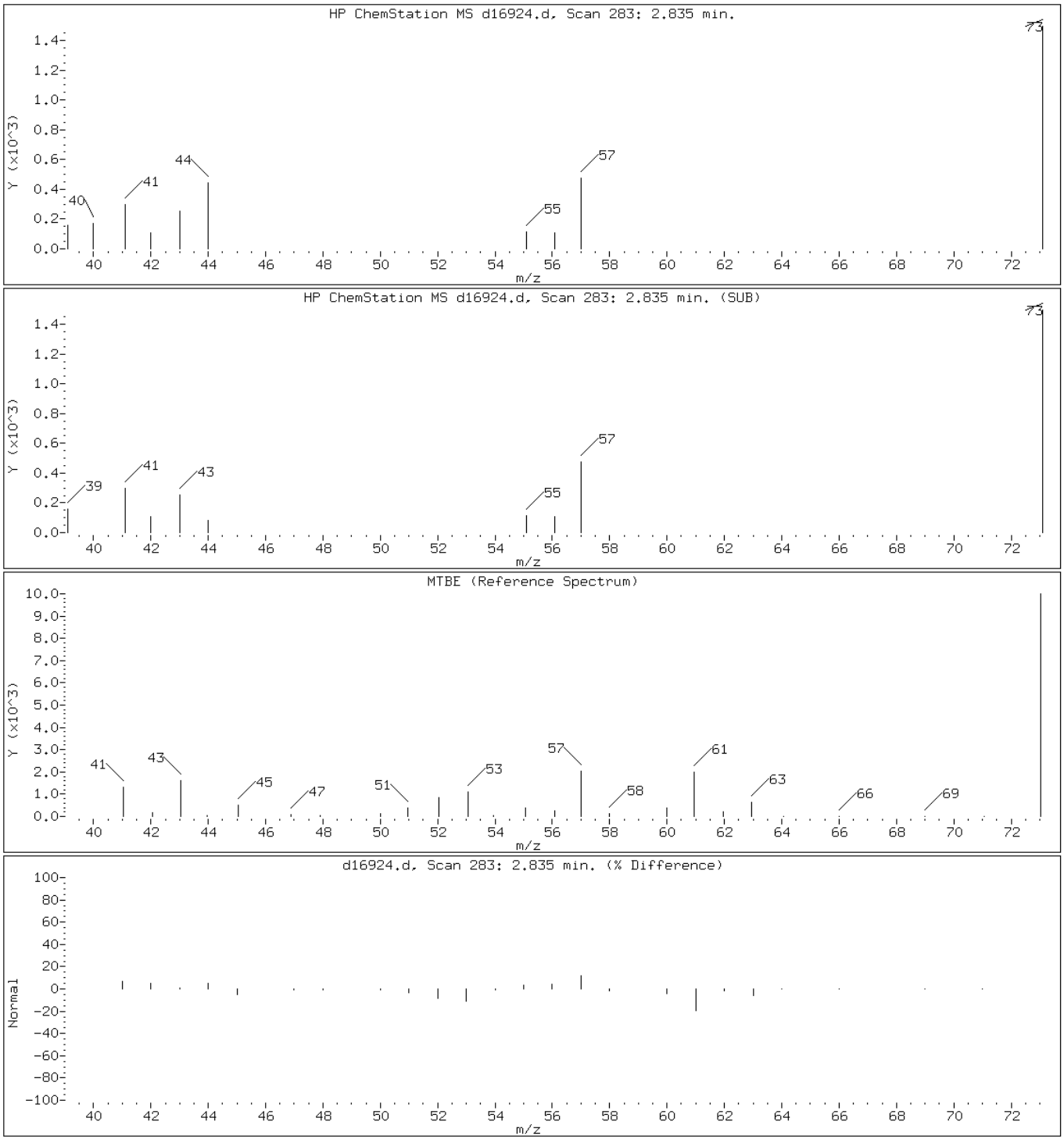
Data File: d16924.d

Date: 05-MAR-2010 15:37

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-16 Operator:

28 MTBE



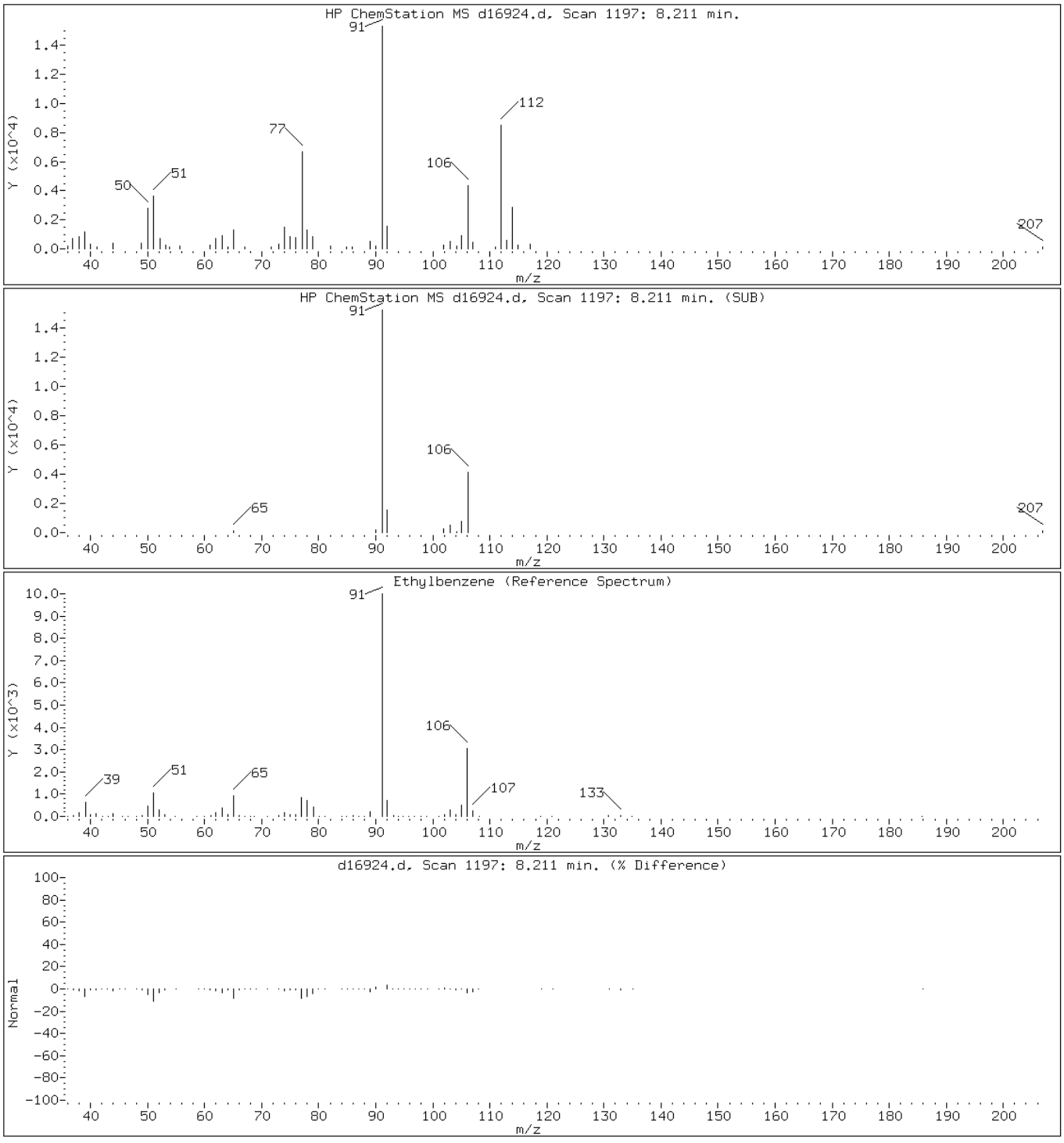
Data File: d16924.d

Date: 05-MAR-2010 15:37

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-16 Operator:

81 Ethylbenzene



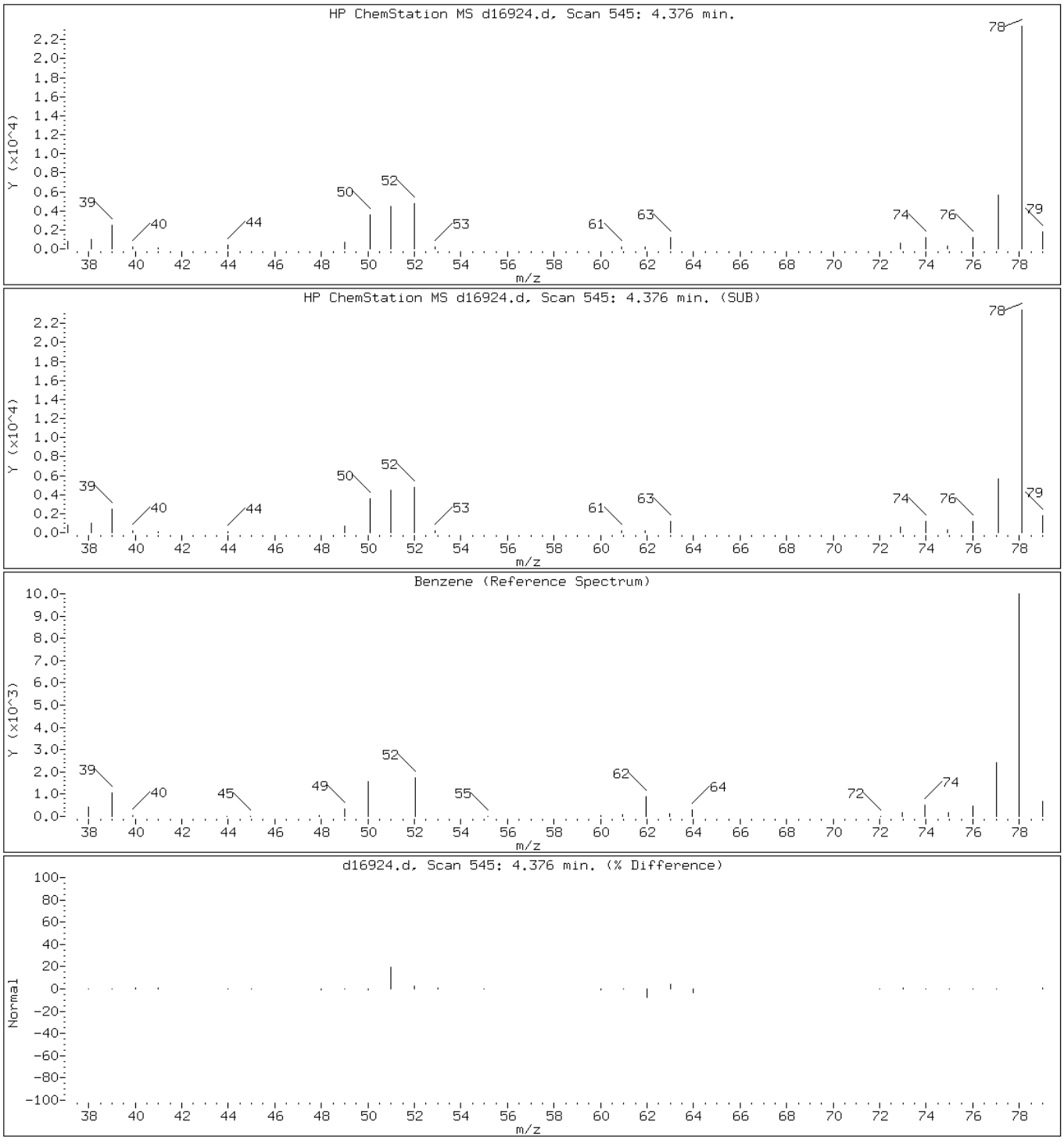
Data File: d16924.d

Date: 05-MAR-2010 15:37

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-16 Operator:

48 Benzene



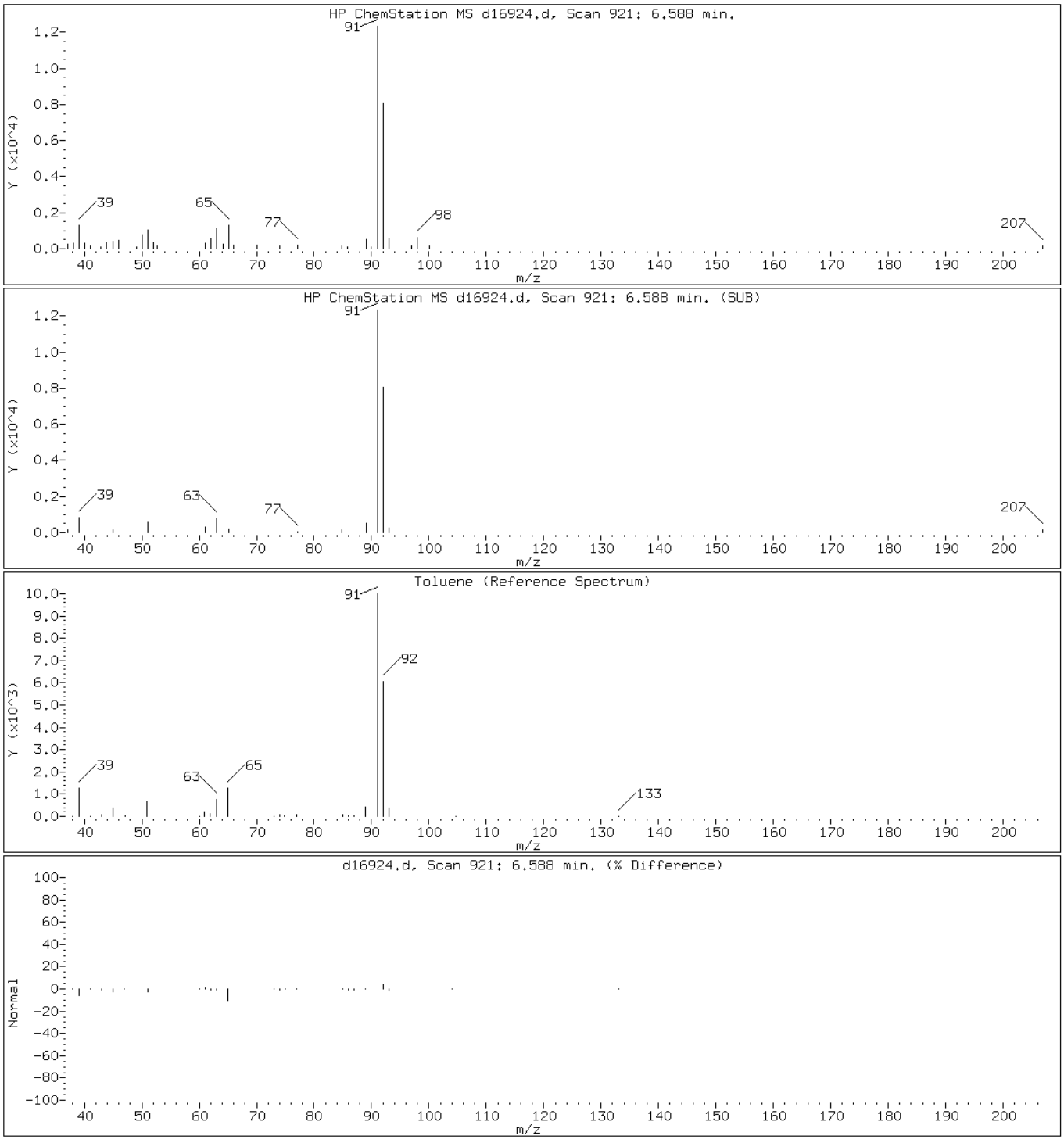
Data File: d16924.d

Date: 05-MAR-2010 15:37

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-16 Operator:

66 Toluene



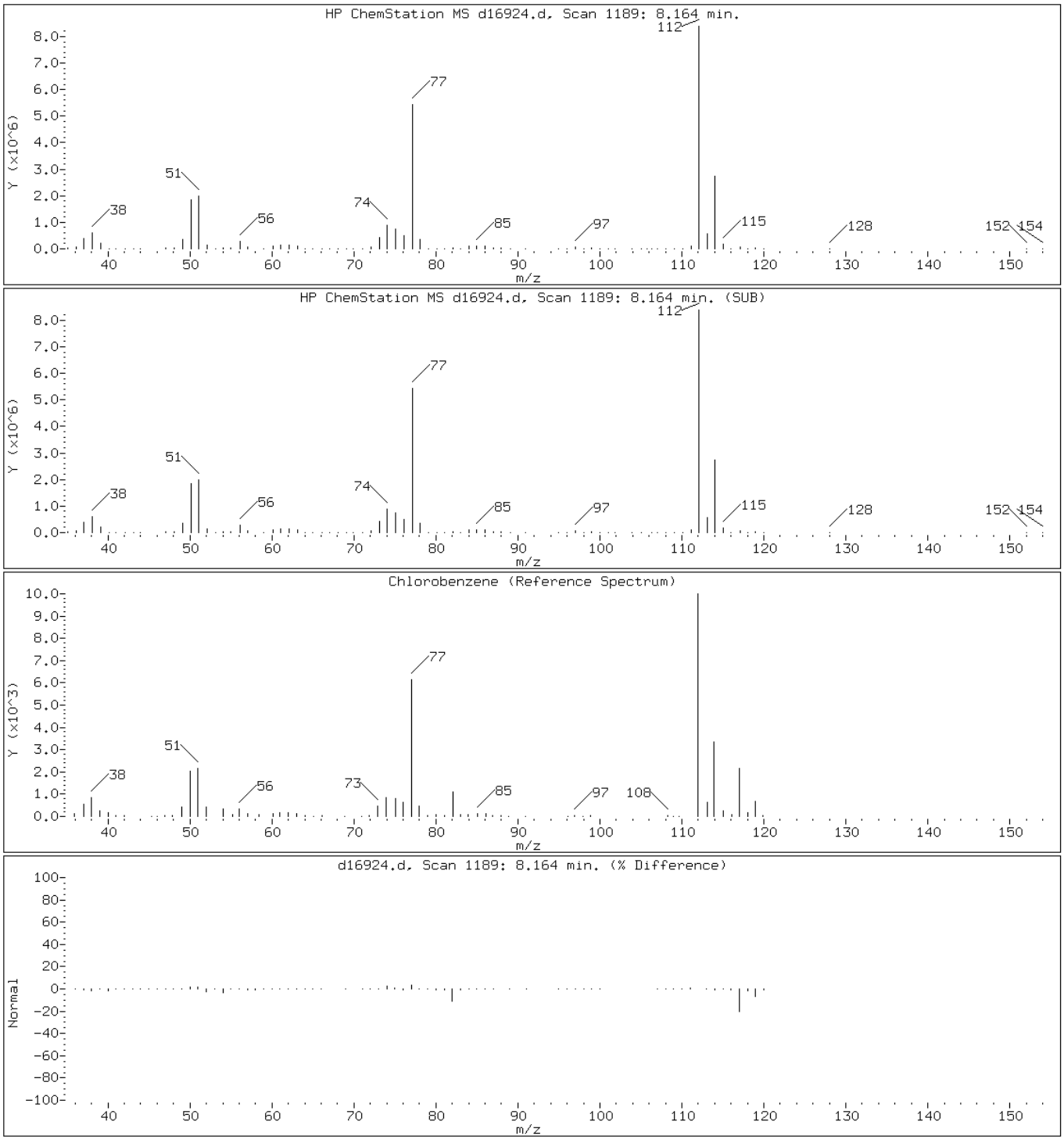
Data File: d16924.d

Date: 05-MAR-2010 15:37

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-16 Operator:

79 Chlorobenzene



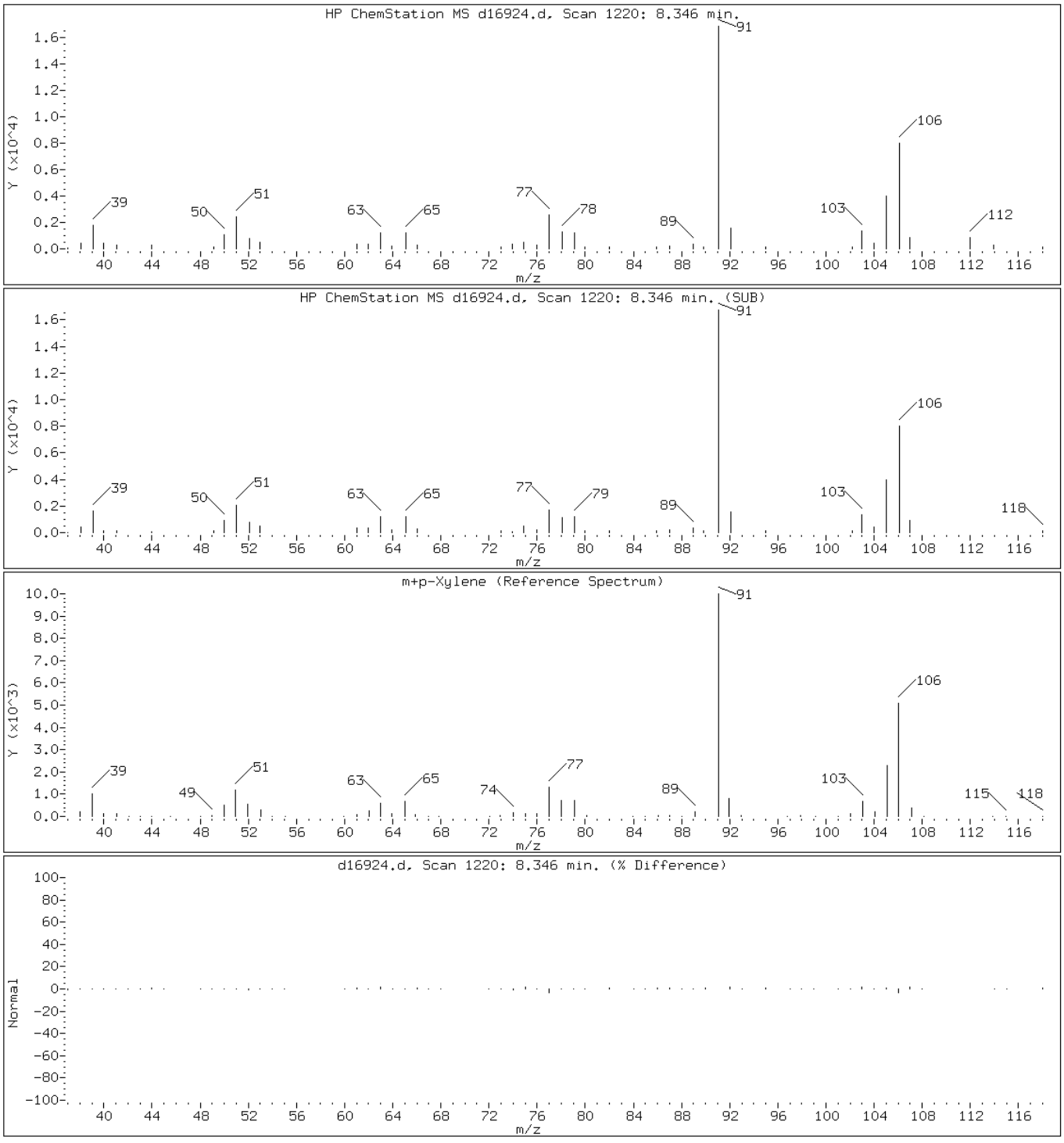
Data File: d16924.d

Date: 05-MAR-2010 15:37

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-16 Operator:

82 m+p-Xylene



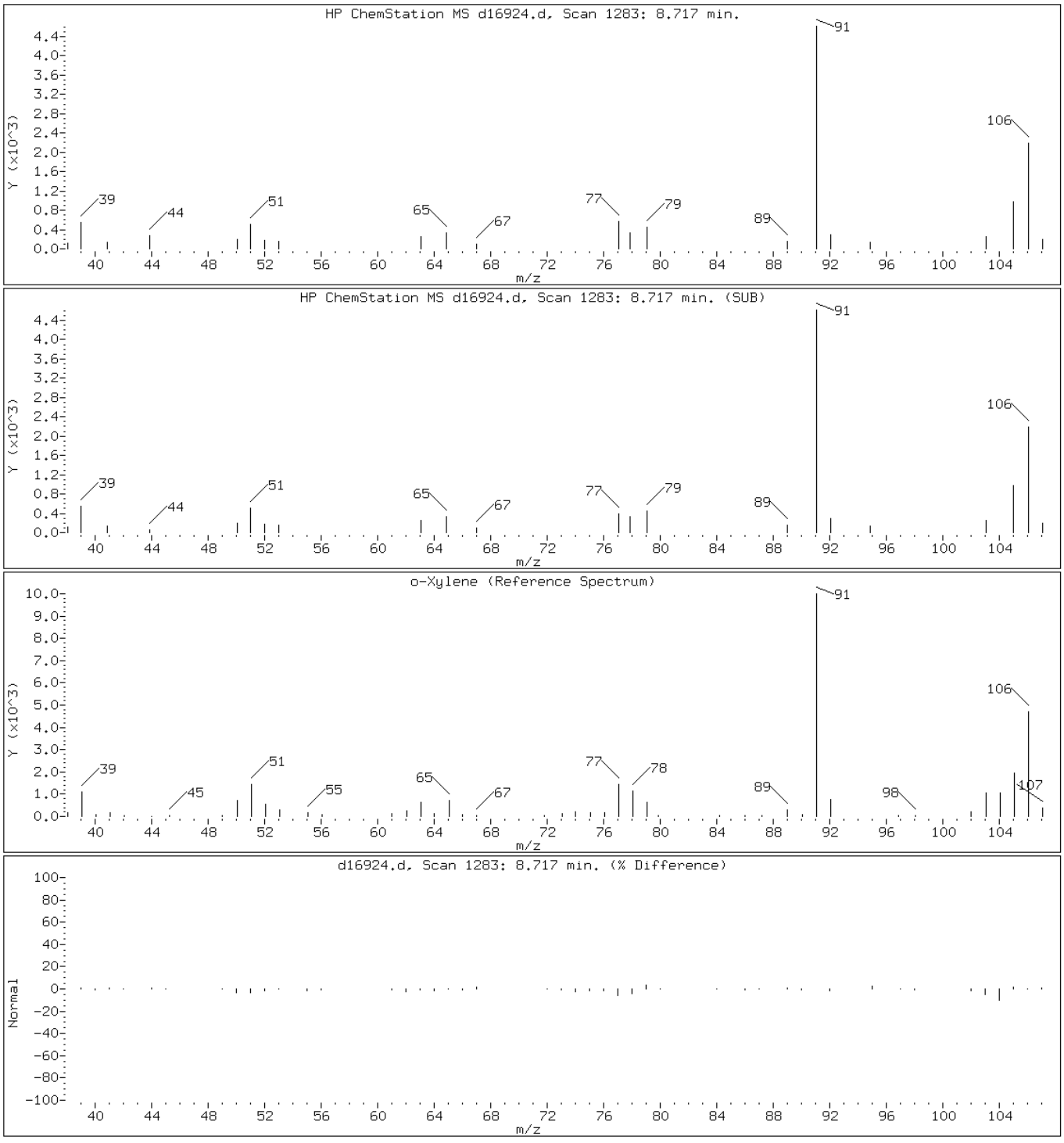
Data File: d16924.d

Date: 05-MAR-2010 15:37

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-16 Operator:

84 o-Xylene



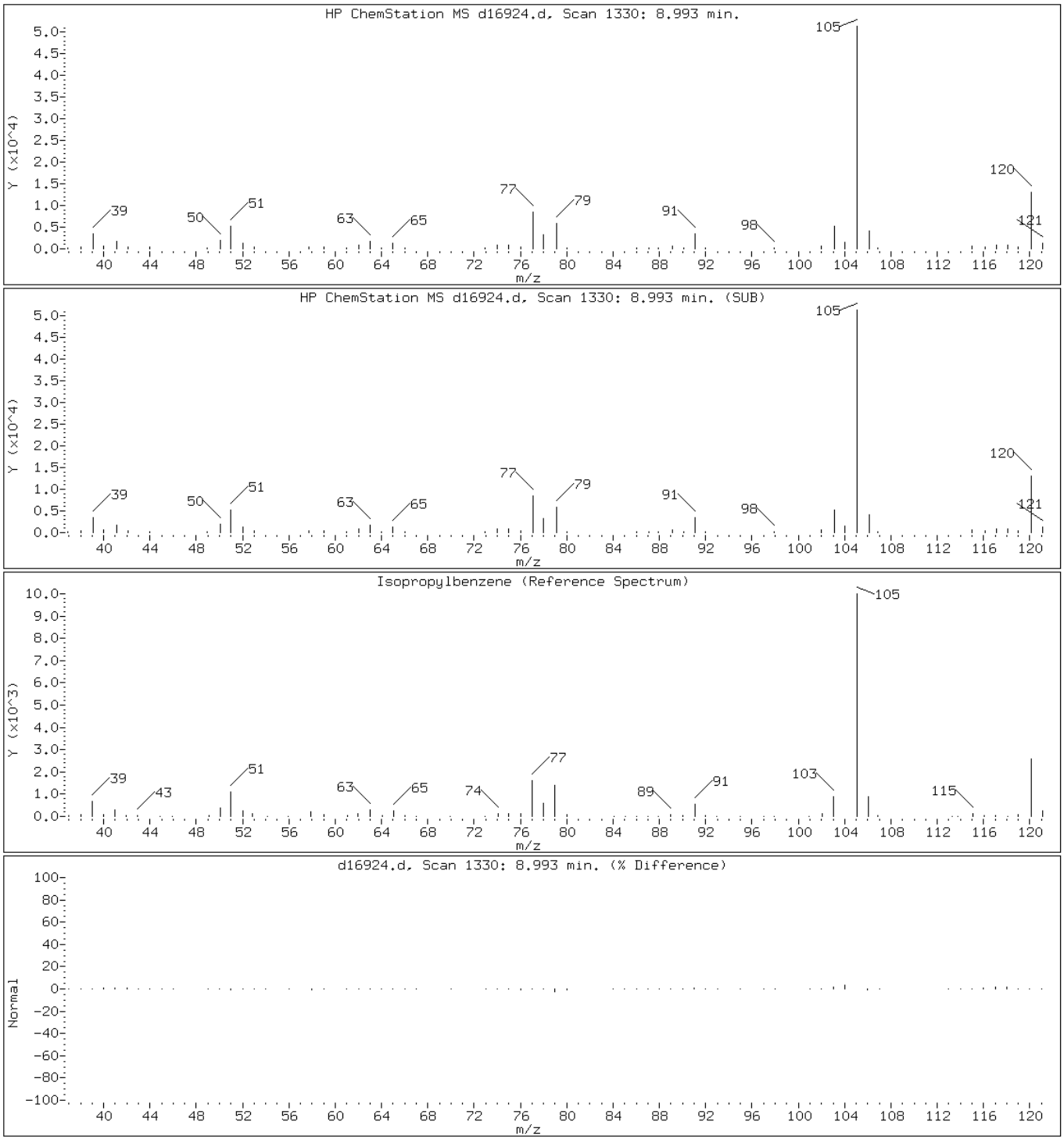
Data File: d16924.d

Date: 05-MAR-2010 15:37

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-16 Operator:

88 Isopropylbenzene



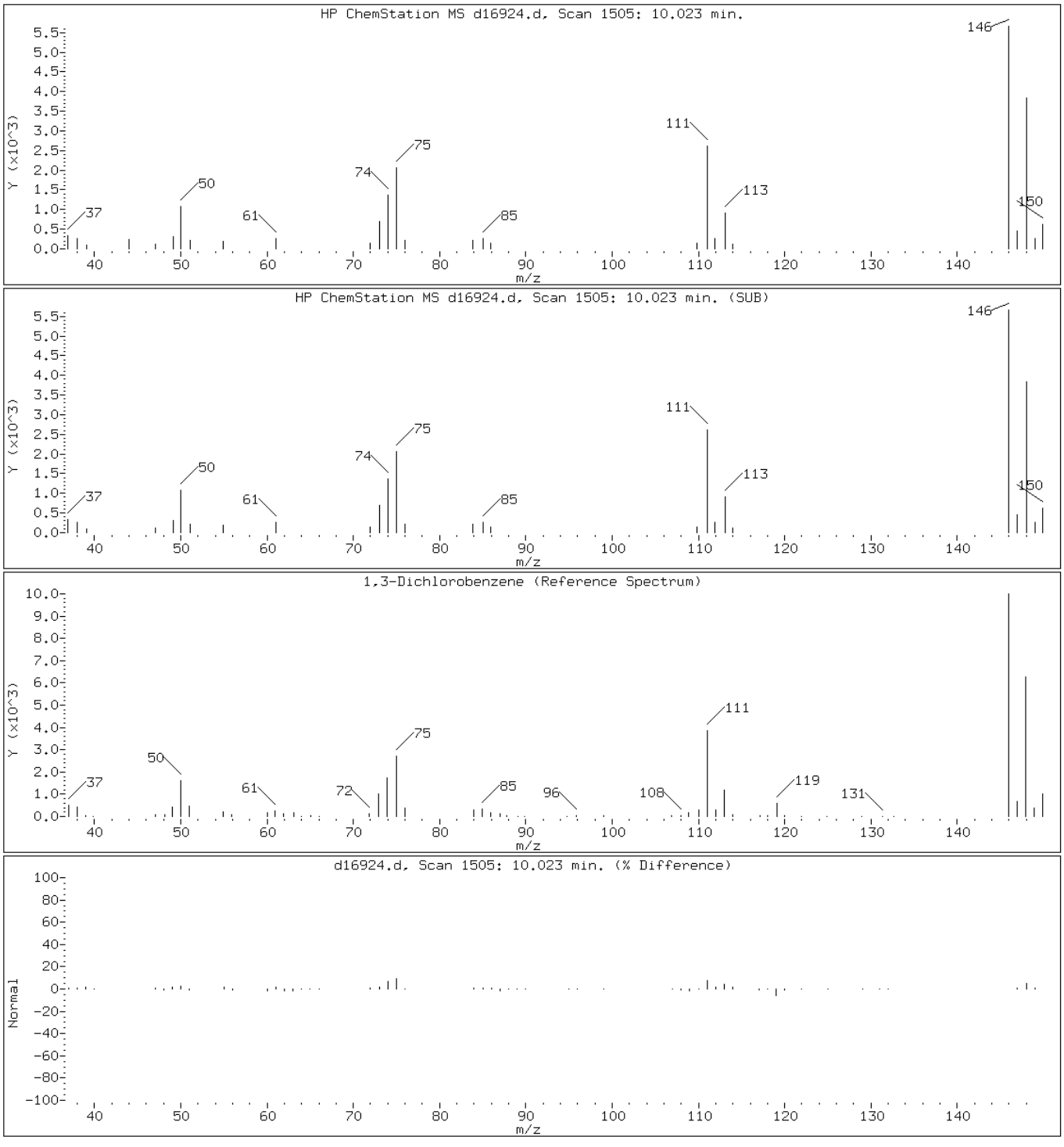
Data File: d16924.d

Date: 05-MAR-2010 15:37

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-16 Operator:

105 1,3-Dichlorobenzene



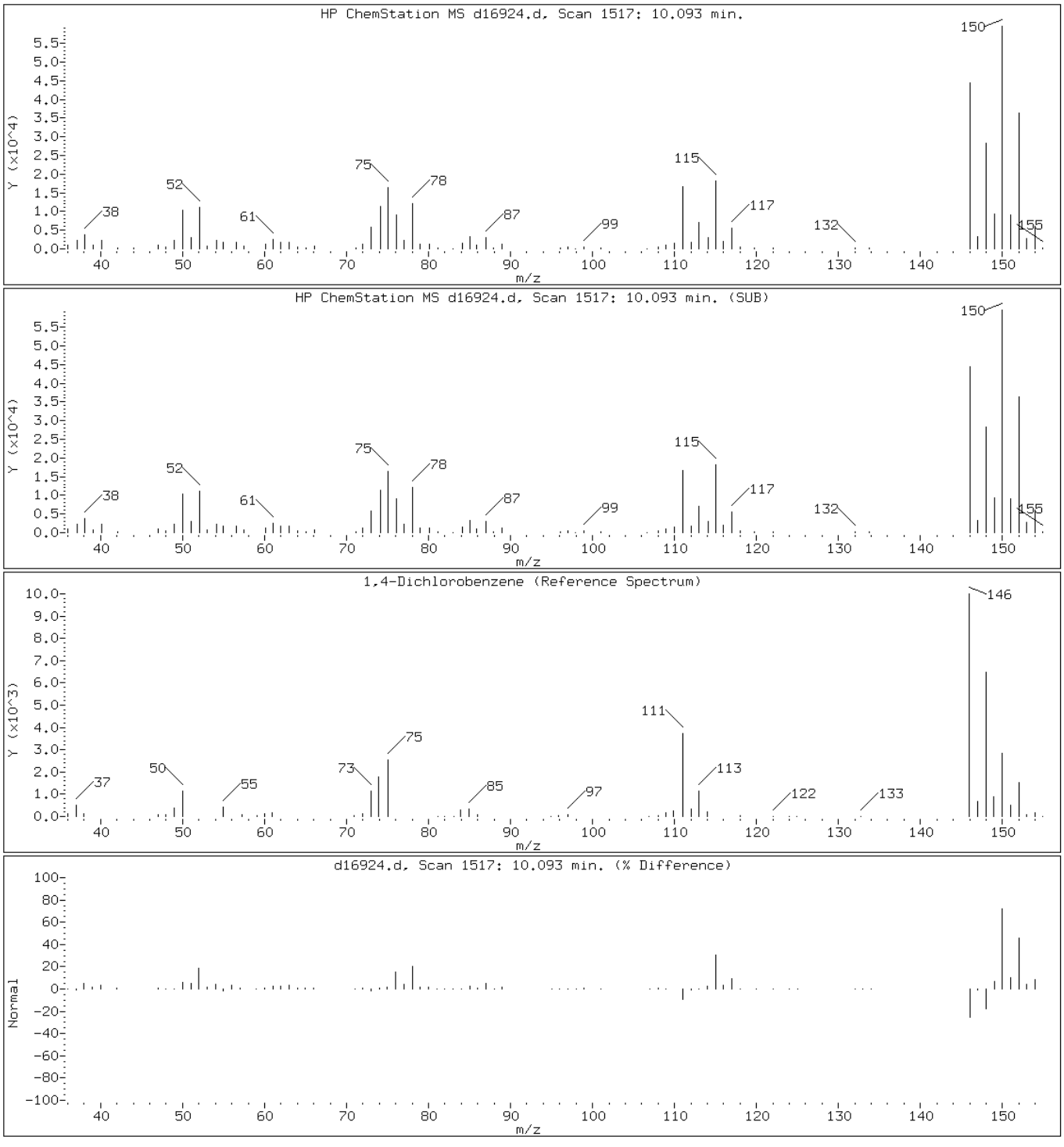
Data File: d16924.d

Date: 05-MAR-2010 15:37

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-16 Operator:

109 1,4-Dichlorobenzene



Data File: d16924.d

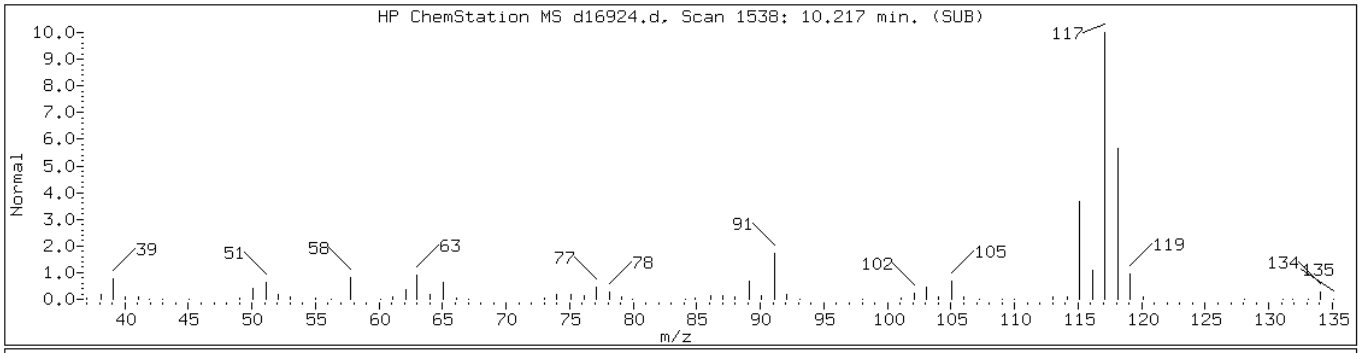
Date: 05-MAR-2010 15:37

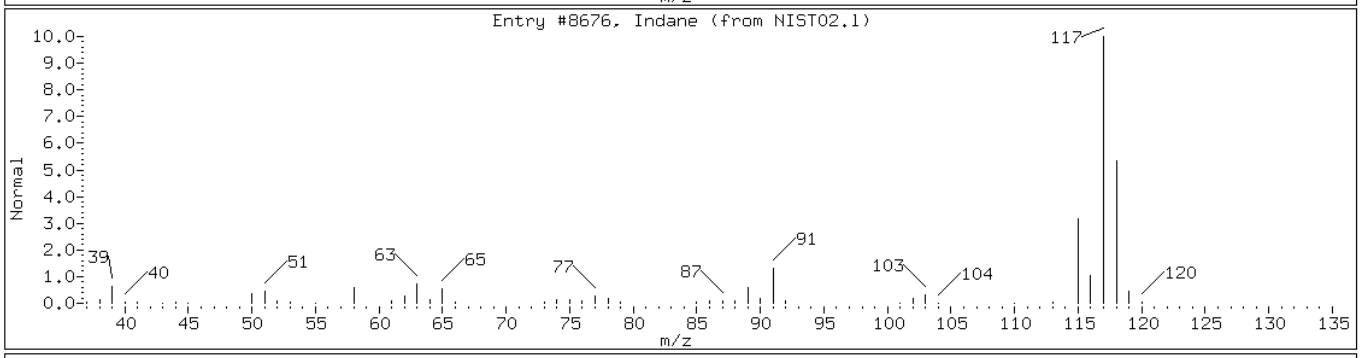
Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

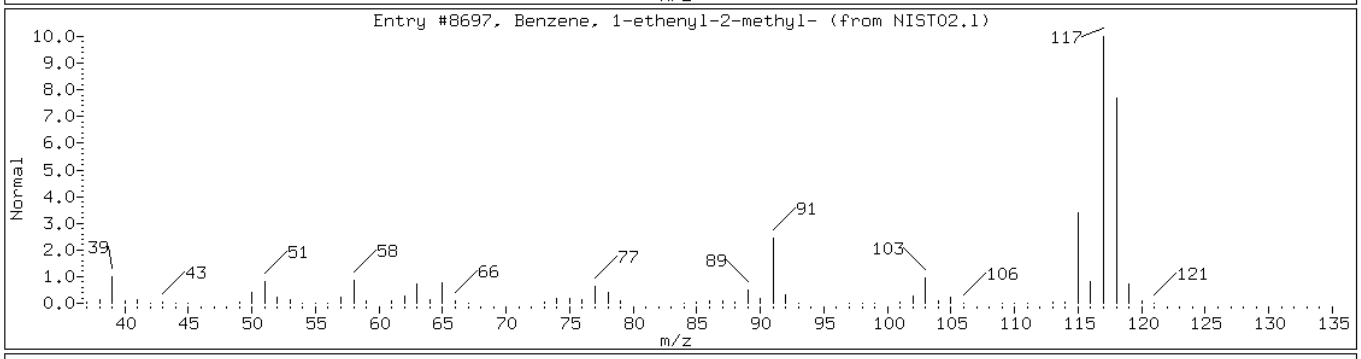
Sample Info: 460-10889-C-16 Operator:

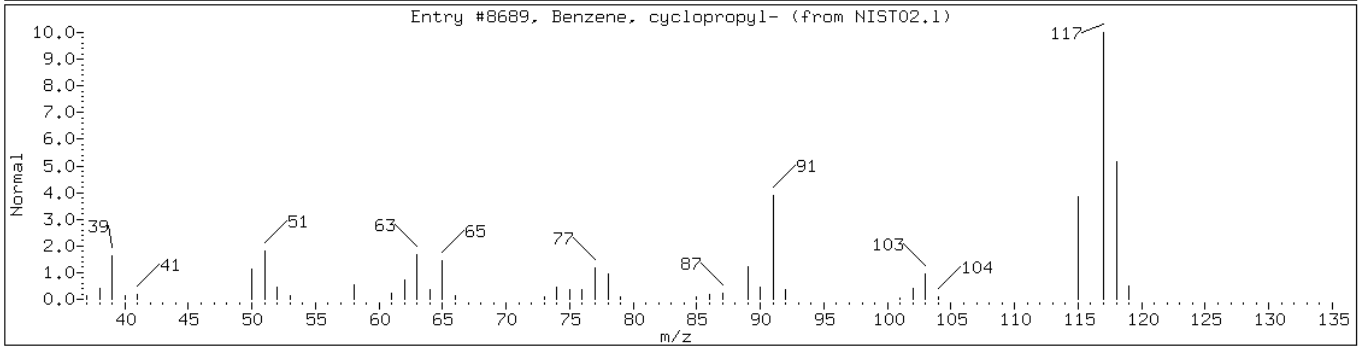
Retention Time: 10.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8676	94	C9H10	118
Benzene, 1-ethenyl-2-methyl-	611-15-4	NIST02.l	8697	90	C9H10	118
Benzene, cyclopropyl-	873-49-4	NIST02.l	8689	81	C9H10	118









Data File: d16924.d

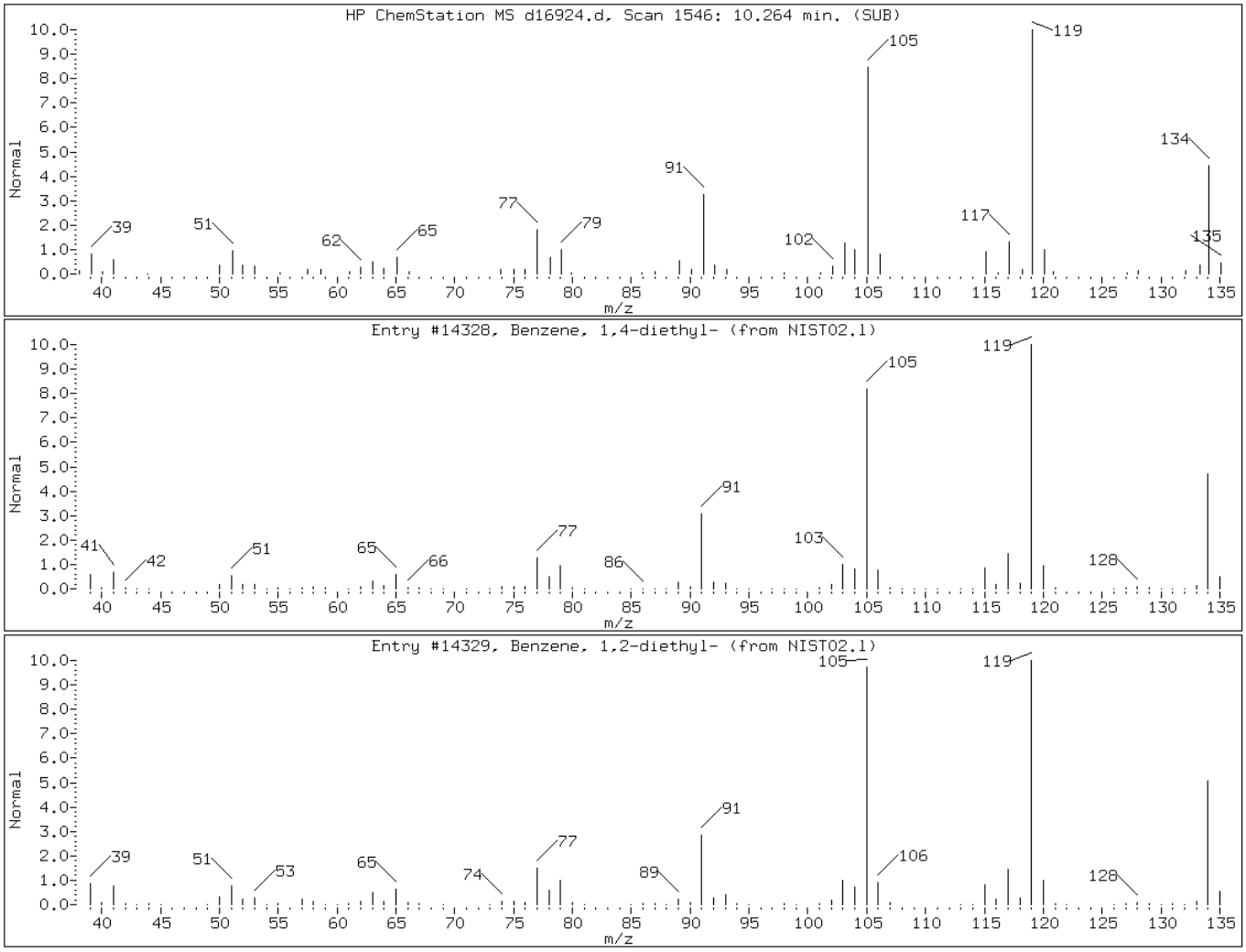
Date: 05-MAR-2010 15:37

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-C-16 Operator:

Retention Time: 10.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer						
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14328	95	C10H14	134
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14329	95	C10H14	134



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-016 Lab Sample ID: 460-10889-16 DL

Matrix: GW Lab File ID: d17006.d

Analysis Method: 8260B Date Collected: 03/03/2010 11:00

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 12:09

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	1300		5.0	0.80

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108	70-122	
460-00-4	4-Bromofluorobenzene	113	69-135	
2037-26-5	Toluene-d8 (Surr)	106	69-125	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17006.d
Report Date: 08-Mar-2010 14:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17006.d
Lab Smp Id: 460-10889-B-16D1 Client Smp ID: GW-017338-030310-AC
Inj Date : 08-MAR-2010 12:09
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-B-16D1;5
Misc Info : 460-10889-B-16D1
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 08-Mar-2010 12:19 desais Quant Type: ISTD
Cal Date : 08-MAR-2010 08:03 Cal File: d16997.d
Als bottle: 11
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.511	4.505	(0.943)	23167	53.9470	54
	48 Benzene	78	4.382	4.376	(0.538)	12135	0.96206	4.8(a)
*	52 Fluorobenzene	96	4.782	4.782	(1.000)	483626	50.0000	
$	65 Toluene-d8 (SUR)	98	6.529	6.523	(0.801)	458479	53.2481	53
	66 Toluene	91	6.587	6.582	(0.809)	9012	0.70755	3.5(a)
*	78 Chlorobenzene-d5	117	8.146	8.140	(1.000)	351788	50.0000	
	79 Chlorobenzene	112	8.158	8.158	(1.001)	1923106	253.021	1300
	81 Ethylbenzene	106	8.211	8.205	(1.008)	1281	0.30397	1.5(a)
	82 m+p-Xylene	106	8.352	8.346	(1.025)	3022	0.58062	2.9(a)
	88 Isopropylbenzene	105	8.993	8.993	(1.104)	10285	0.72794	3.6(a)
$	89 Bromofluorobenzene (SUR)	174	9.211	9.205	(0.914)	161603	56.3030	56
	95 n-Propylbenzene	91	9.334	9.328	(0.926)	4870	0.29821	1.5(a)
	105 1,3-Dichlorobenzene	146	10.023	10.022	(0.994)	1623	0.24498	1.2(a)
*	108 1,4-Dichlorobenzene-d4	152	10.081	10.081	(1.000)	190445	50.0000	
	109 1,4-Dichlorobenzene	146	10.093	10.093	(1.001)	9712	1.45823	7.3
	111 1,2-Dichlorobenzene	146	10.405	10.405	(1.032)	1118	0.17096	0.85(a)

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17006.d
Report Date: 08-Mar-2010 14:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
M 121 Xylene (Total)	100				3022	0.58062	2.9(a)

QC Flag Legend

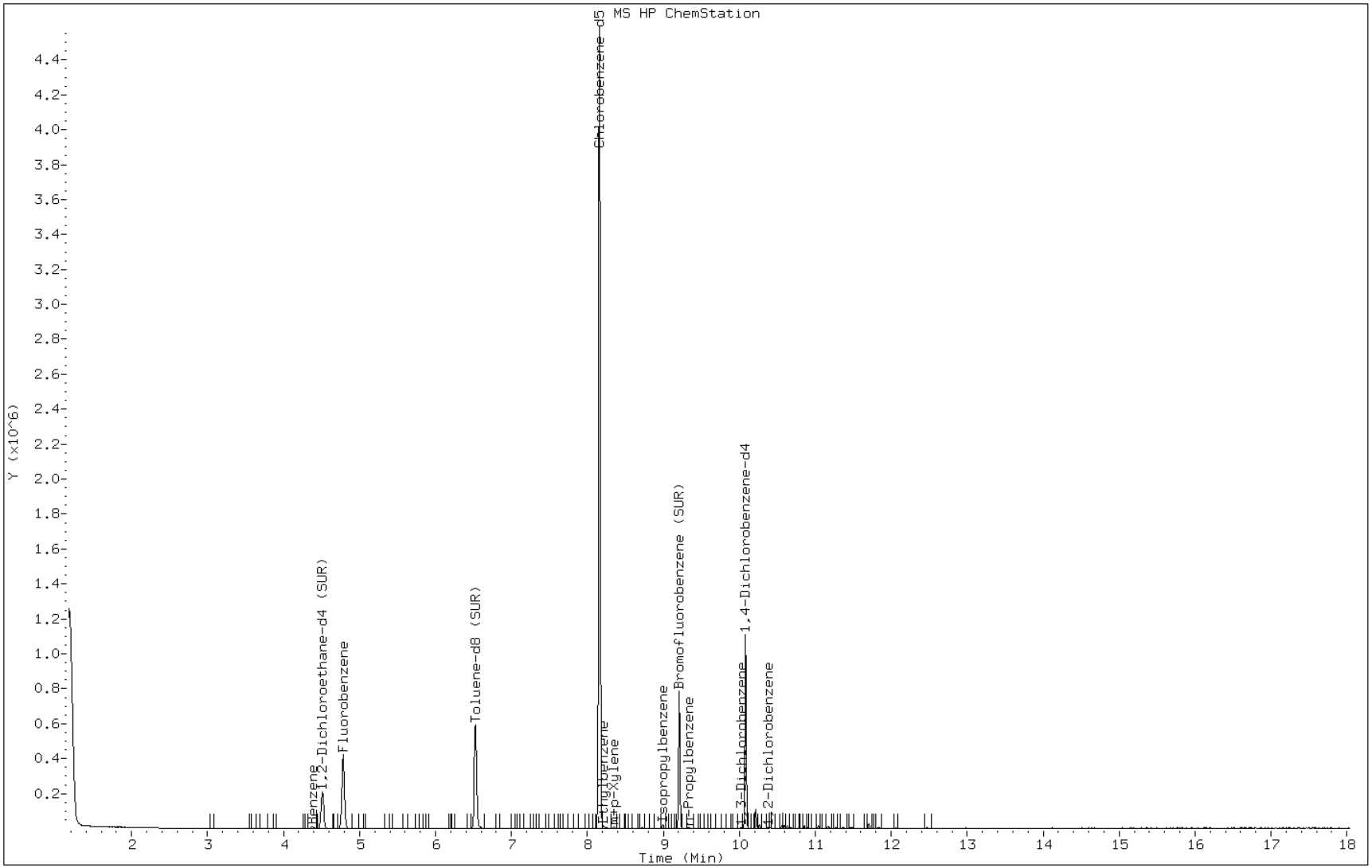
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d17006.d

Date: 08-MAR-2010 12:09

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-16D1;5 Operator:



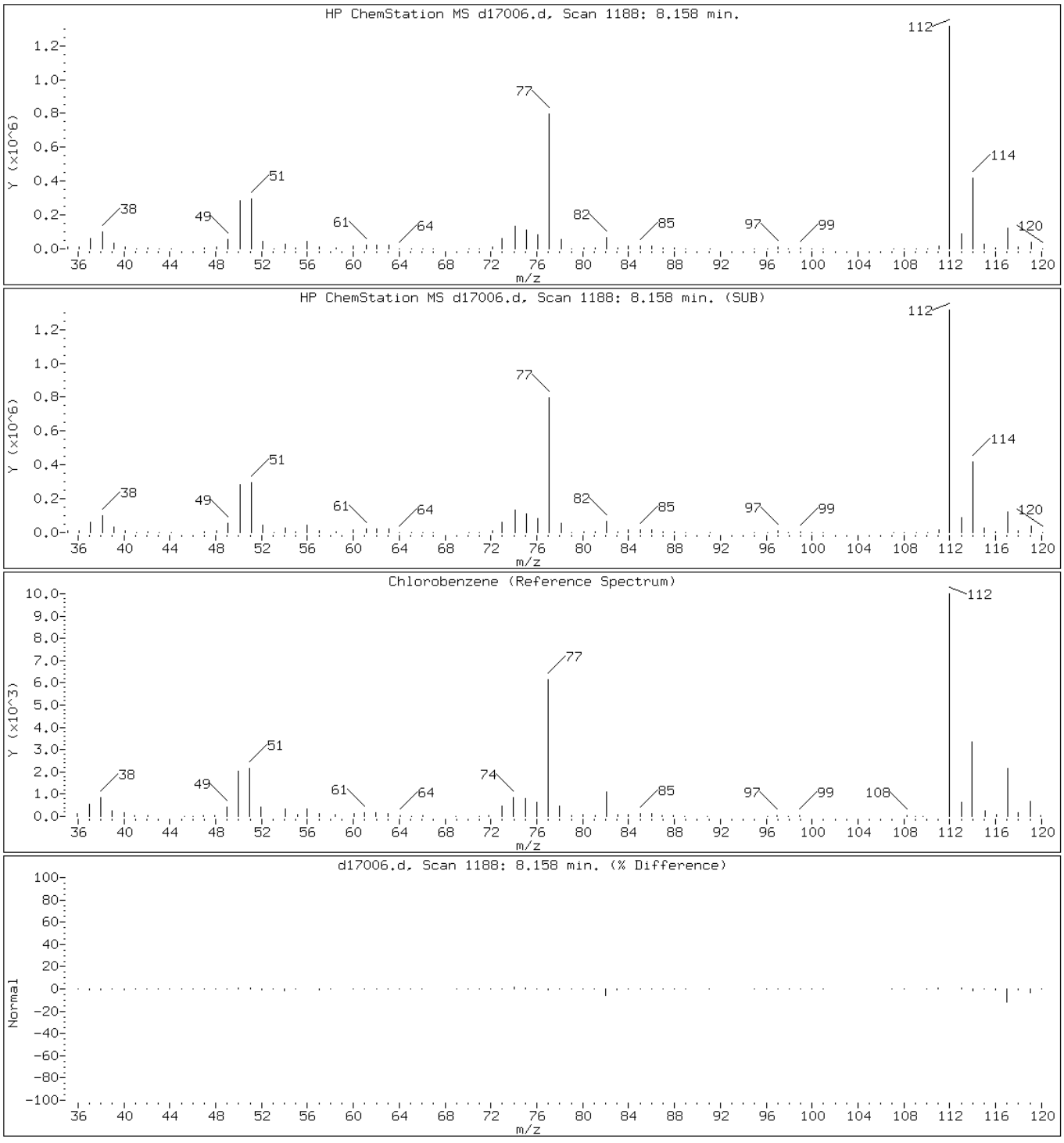
Data File: d17006.d

Date: 08-MAR-2010 12:09

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-16D1;5 Operator:

79 Chlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-017 Lab Sample ID: 460-10889-17

Matrix: GW Lab File ID: d17018.d

Analysis Method: 8260B Date Collected: 03/03/2010 11:30

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 17:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	35		1.0	0.18
75-00-3	Chloroethane	1.0	U *	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	0.25	J	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	15		1.0	0.25
110-82-7	Cyclohexane	23		1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	280		1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	35		1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.3		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-017 Lab Sample ID: 460-10889-17

Matrix: GW Lab File ID: d17018.d

Analysis Method: 8260B Date Collected: 03/03/2010 11:30

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 17:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	110		3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	98		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109	70-122	
460-00-4	4-Bromofluorobenzene	110	69-135	
2037-26-5	Toluene-d8 (Surr)	109	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-017 Lab Sample ID: 460-10889-17

Matrix: GW Lab File ID: d17018.d

Analysis Method: 8260B Date Collected: 03/03/2010 11:30

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 17:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

Number TICs Found: 10 TIC Result Total: 280

CAS NO.	COMPOUND NAME	RT	RESULT	Q
108-20-3	Isopropyl ether	3.11	17	
103-65-1	N-Propylbenzene	9.33	43	
95-63-6	1,2,4-Trimethylbenzene	9.80	13	
496-11-7	Indane	10.22	38	T J N
	Ethyldimethylbenzene isomer -1	10.56	30	T J
	Tetramethylbenzene isomer	10.86	23	T J
	Tetramethylbenzene isomer -1	10.89	22	T J
	2,3-dihydro-methyl-1H-Indene isomer	11.17	39	T J
76-22-2	Camphor	11.69	18	
91-20-3	Naphthalene	11.71	37	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17018.d
Report Date: 11-Mar-2010 11:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17018.d
Lab Smp Id: 460-10889-B-17 Client Smp ID: GW-017338-030310-RA
Inj Date : 08-MAR-2010 17:05
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-B-17
Misc Info : 460-10889-B-17
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 11-Mar-2010 11:20 vibha Quant Type: ISTD
Cal Date : 08-MAR-2010 08:03 Cal File: d16997.d
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 MTBE	73	2.823	2.829	(0.590)	347232	34.5610	34
	32 DIPE	45	3.111	3.111	(0.650)	215402	16.7510	17
	36 cis-1,2-Dichloroethene	96	3.629	3.629	(0.758)	829	0.25325	0.25(a)
	44 Cyclohexane	56	3.800	3.788	(0.794)	125696	23.3467	23
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.511	4.505	(0.942)	22116	54.3595	54
	48 Benzene	78	4.382	4.376	(0.538)	3304316	281.027	280
*	52 Fluorobenzene	96	4.788	4.782	(1.000)	444276	50.0000	
	56 Methyl cyclohexane	83	4.935	4.935	(1.031)	203917	35.0687	35
$	65 Toluene-d8 (SUR)	98	6.529	6.523	(0.801)	470233	54.6221	55
	66 Toluene	91	6.588	6.582	(0.808)	15717	1.32747	1.3
*	78 Chlorobenzene-d5	117	8.152	8.140	(1.000)	330088	50.0000	
	81 Ethylbenzene	106	8.211	8.205	(1.007)	57922	15.2282	15
	82 m+p-Xylene	106	8.352	8.346	(1.025)	512650	107.140	110
	84 o-Xylene	106	8.723	8.717	(1.070)	5492	1.14061	1.1
	88 Isopropylbenzene	105	8.999	8.993	(1.104)	1274163	98.0727	98
$	89 Bromofluorobenzene (SUR)	174	9.211	9.205	(0.913)	165312	54.9116	55

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17018.d
Report Date: 11-Mar-2010 11:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
95	n-Propylbenzene	91	9.334	9.328	(0.925)	682410	43.4204	43
97	1,3,5-Trimethylbenzene	105	9.505	9.493	(0.942)	3150	0.28284	0.28(a)
101	1,2,4-Trimethylbenzene	105	9.799	9.793	(0.971)	153816	13.1071	13
103	sec-Butylbenzene	105	9.882	9.875	(0.980)	6512	0.45789	0.46(a)
* 108	1,4-Dichlorobenzene-d4	152	10.087	10.081	(1.000)	184058	50.0000	
106	n-Butylbenzene	91	10.311	10.305	(1.022)	8320	0.42703	0.43(a)
113	Camphor	95	11.687	11.681	(1.159)	7999	18.0830	18
116	Naphthalene	128	11.711	11.705	(1.161)	436924	37.3292	37
M 121	Xylene (Total)	100				518142	108.281	110

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17018.d
Report Date: 11-Mar-2010 11:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17018.d
Lab Smp Id: 460-10889-B-17 Client Smp ID: GW-017338-030310-RA
Inj Date : 08-MAR-2010 17:05
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-B-17
Misc Info : 460-10889-B-17
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 11-Mar-2010 11:20 vibha Quant Type: ISTD
Cal Date : 08-MAR-2010 08:03 Cal File: d16997.d
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 78 Chlorobenzene-d5	8.152	1145814	50.000
* 108 1,4-Dichlorobenzene-d4	10.087	1231301	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Thiophene, tetrahydro-3-methyl-					CAS #: 4740-00-5		
8.523	121009	5.28049063	5.3	95	NIST02.l	4272	78
Trimethylbenzene isomer					CAS #:		
10.123	318559	12.9358557	13	0		0	108

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17018.d
Report Date: 11-Mar-2010 11:46

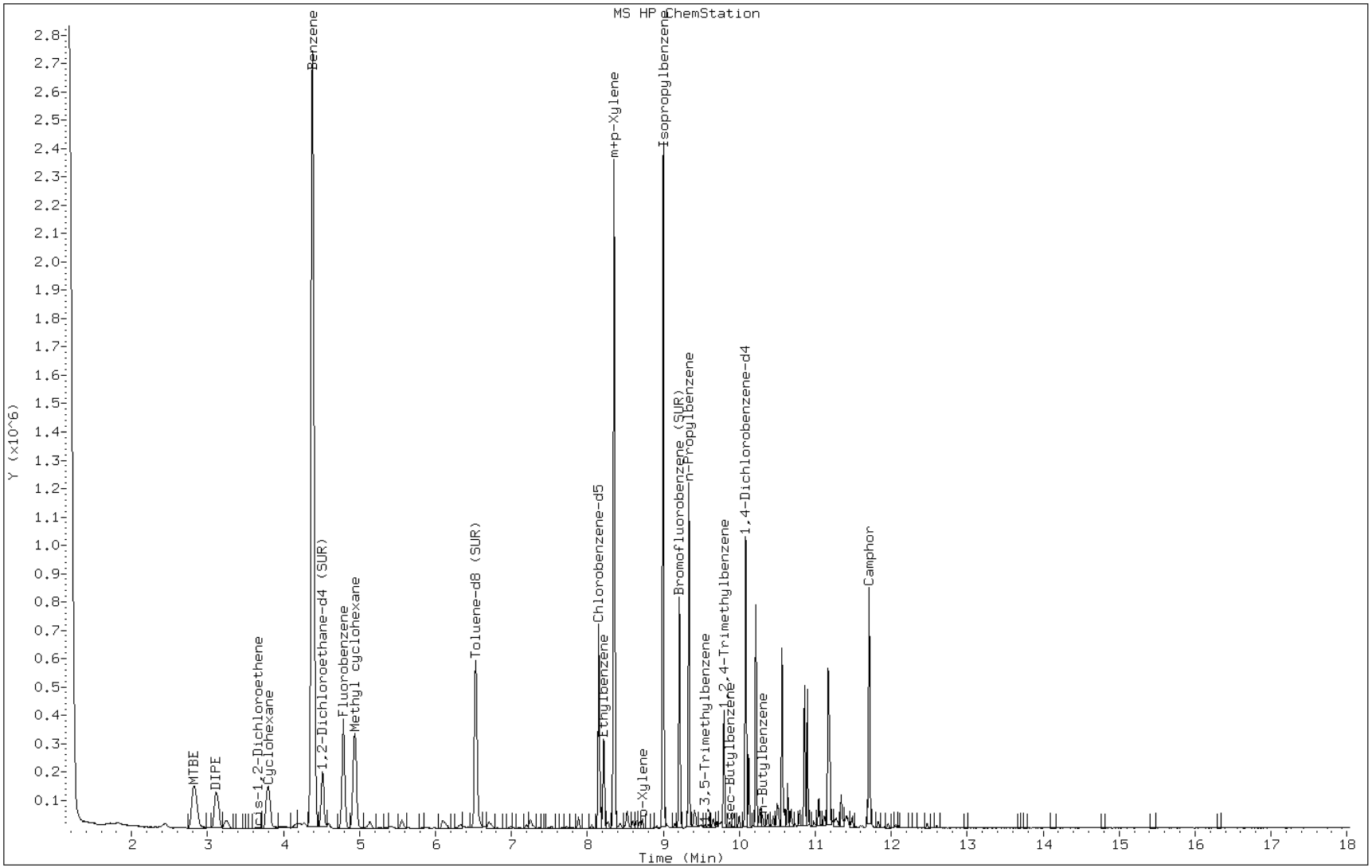
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Indane					CAS #: 496-11-7		
10.217	945326	38.3872697	38	93	NIST02.l	8676	108
Ethyldimethylbenzene isomer					CAS #:		
10.499	148702	6.03839734	6.0	0		0	108
Ethyldimethylbenzene isomer -1					CAS #:		
10.564	750350	30.4697939	30	0		0	108
C10H12 Aromatic					CAS #:		
10.634	180246	7.31930653	7.3	0		0	108
Tetramethylbenzene isomer					CAS #:		
10.858	556714	22.6067314	23	0		0	108
Tetramethylbenzene isomer -1					CAS #:		
10.893	531971	21.6019625	22	0		0	108
2,3-dihydro-methyl-1H-Indene isomer					CAS #:		
11.170	955971	38.8195441	39	0		0	108
Unknown					CAS #:		
11.340	156687	6.36265187	6.4	0		0	108

Data File: d17018.d

Date: 08-MAR-2010 17:05

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-17 Operator:



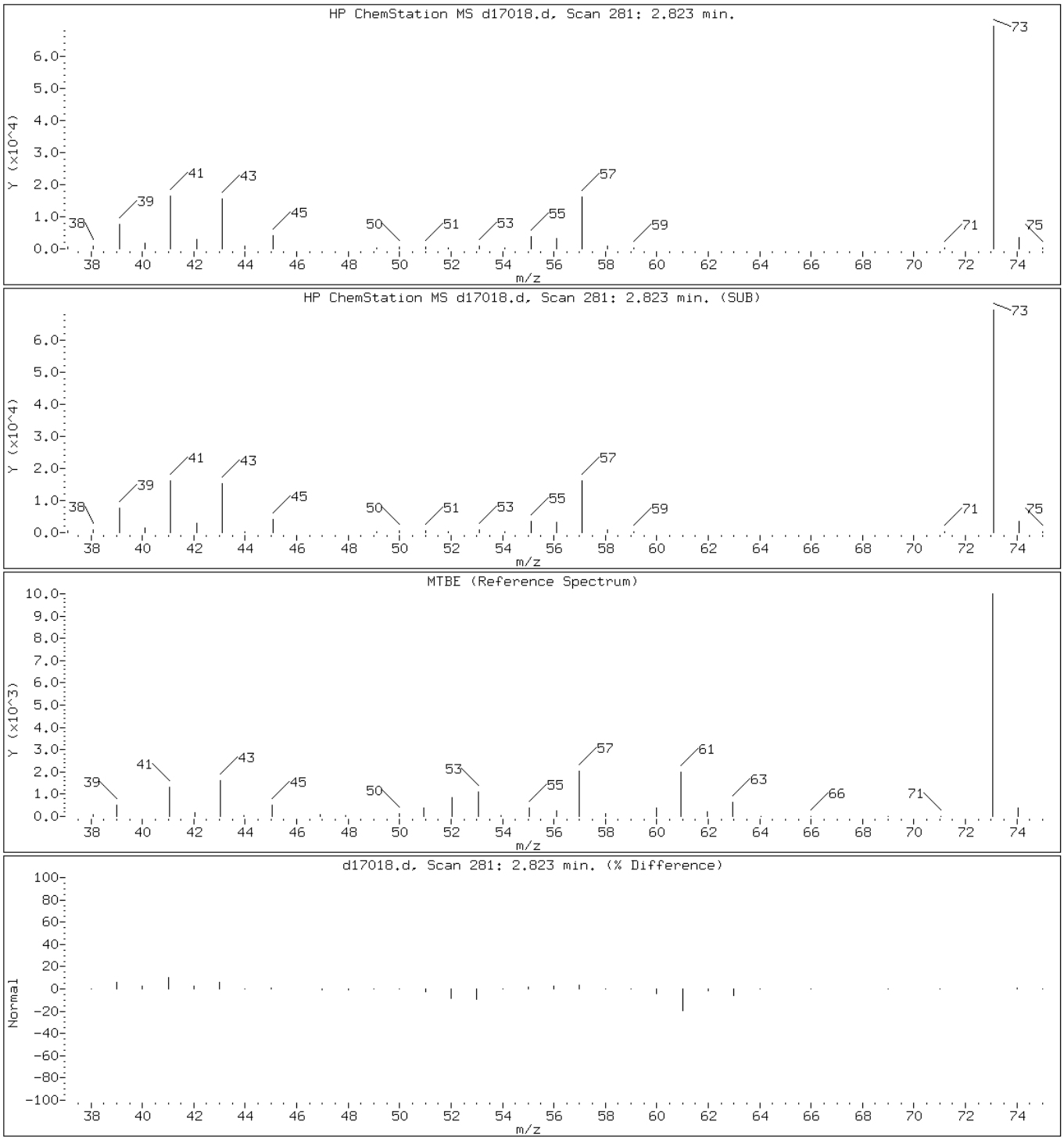
Data File: d17018.d

Date: 08-MAR-2010 17:05

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-17 Operator:

28 MTBE



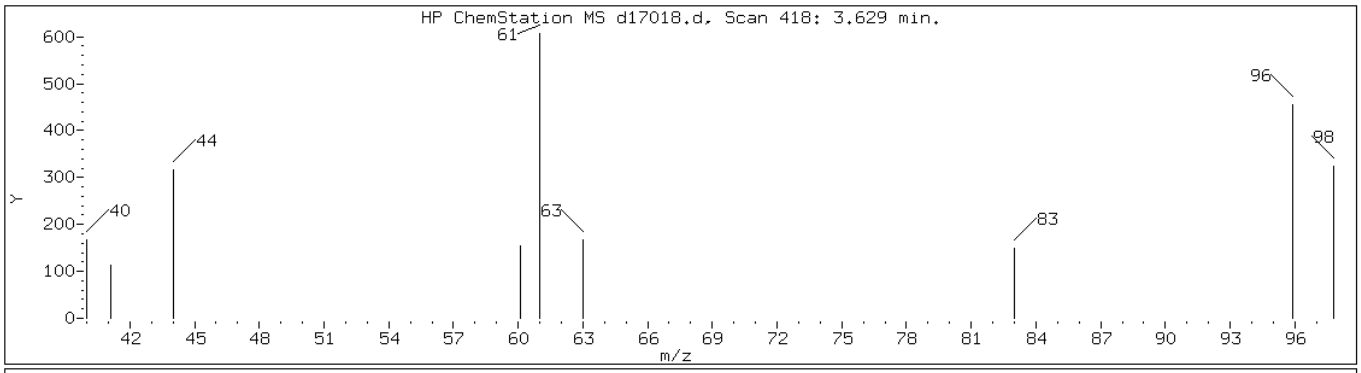
Data File: d17018.d

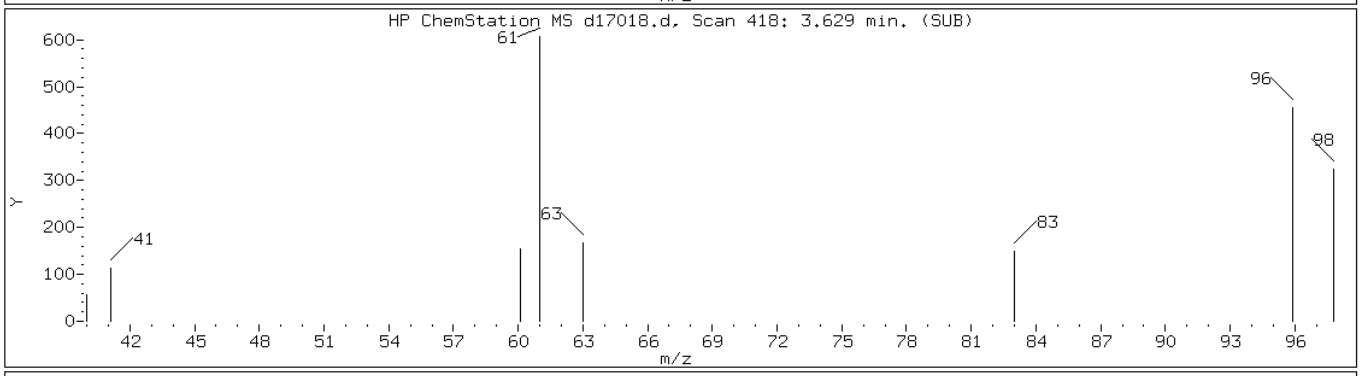
Date: 08-MAR-2010 17:05

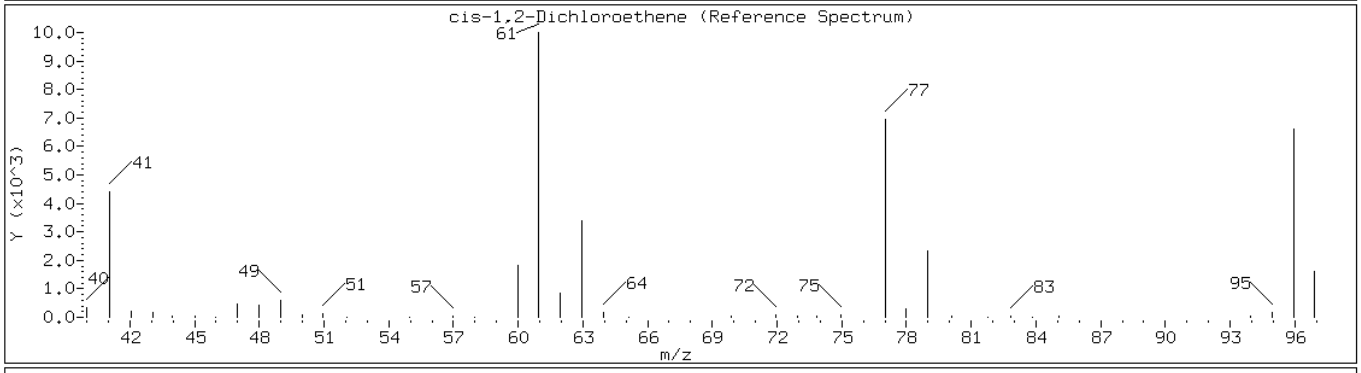
Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

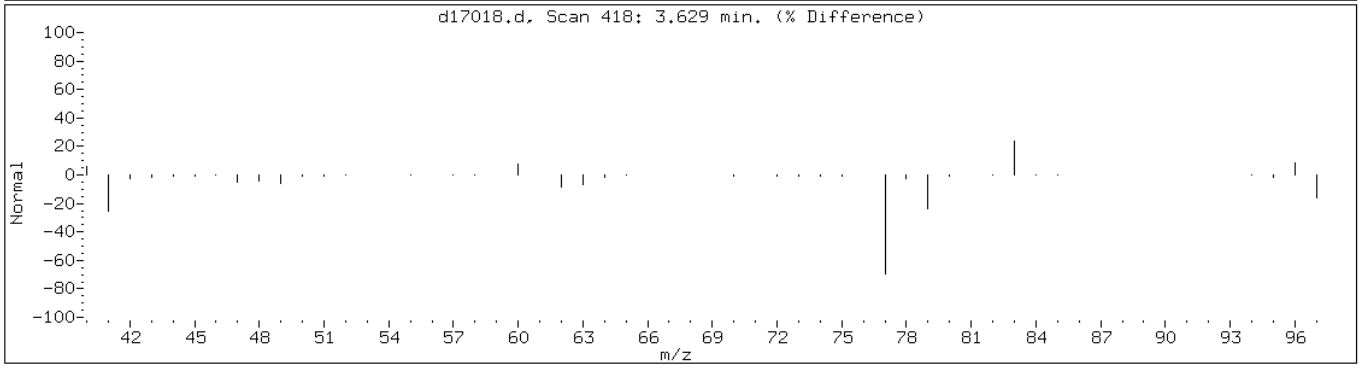
Sample Info: 460-10889-B-17 Operator:

36 cis-1,2-Dichloroethene









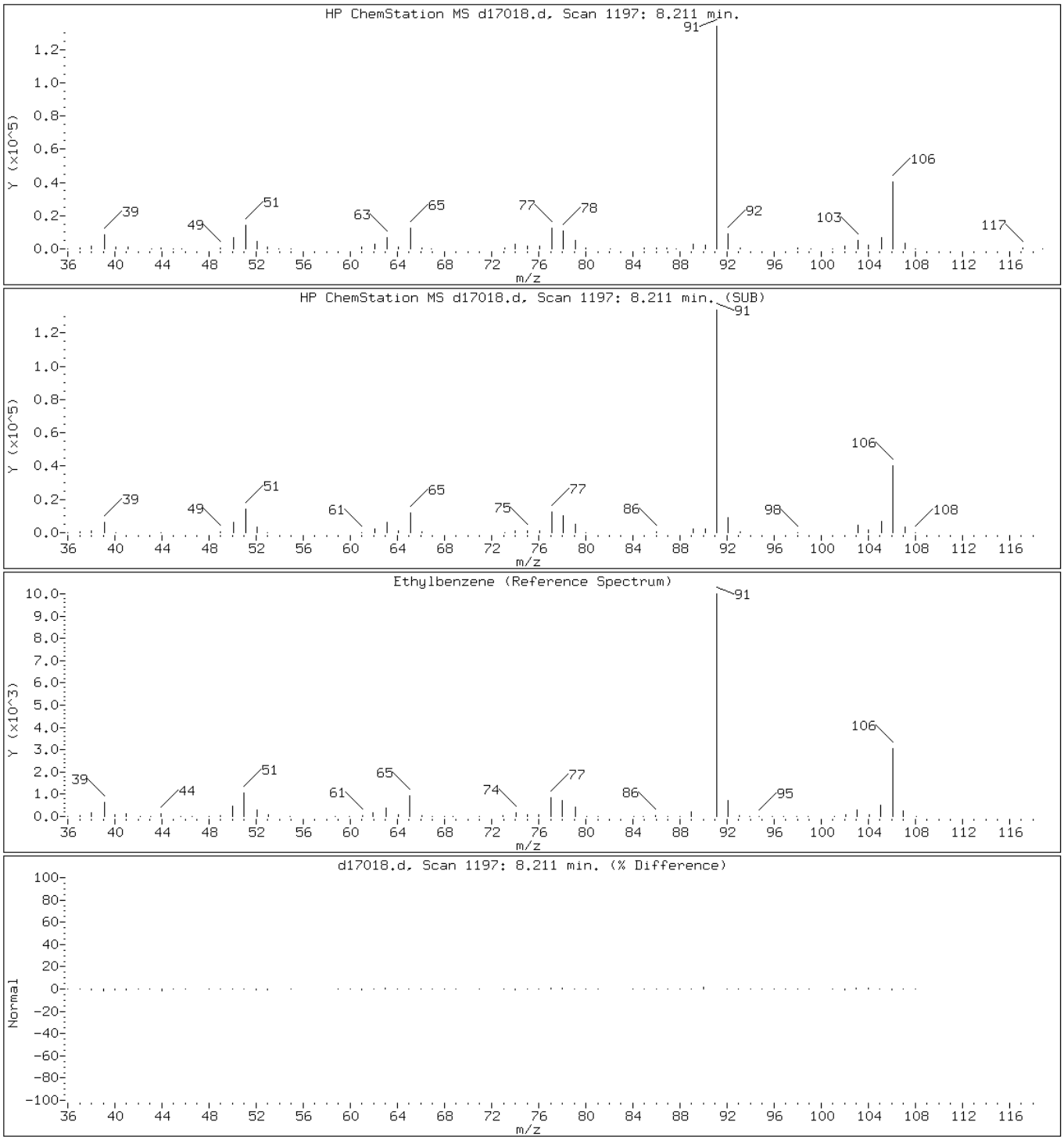
Data File: d17018.d

Date: 08-MAR-2010 17:05

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-17 Operator:

81 Ethylbenzene



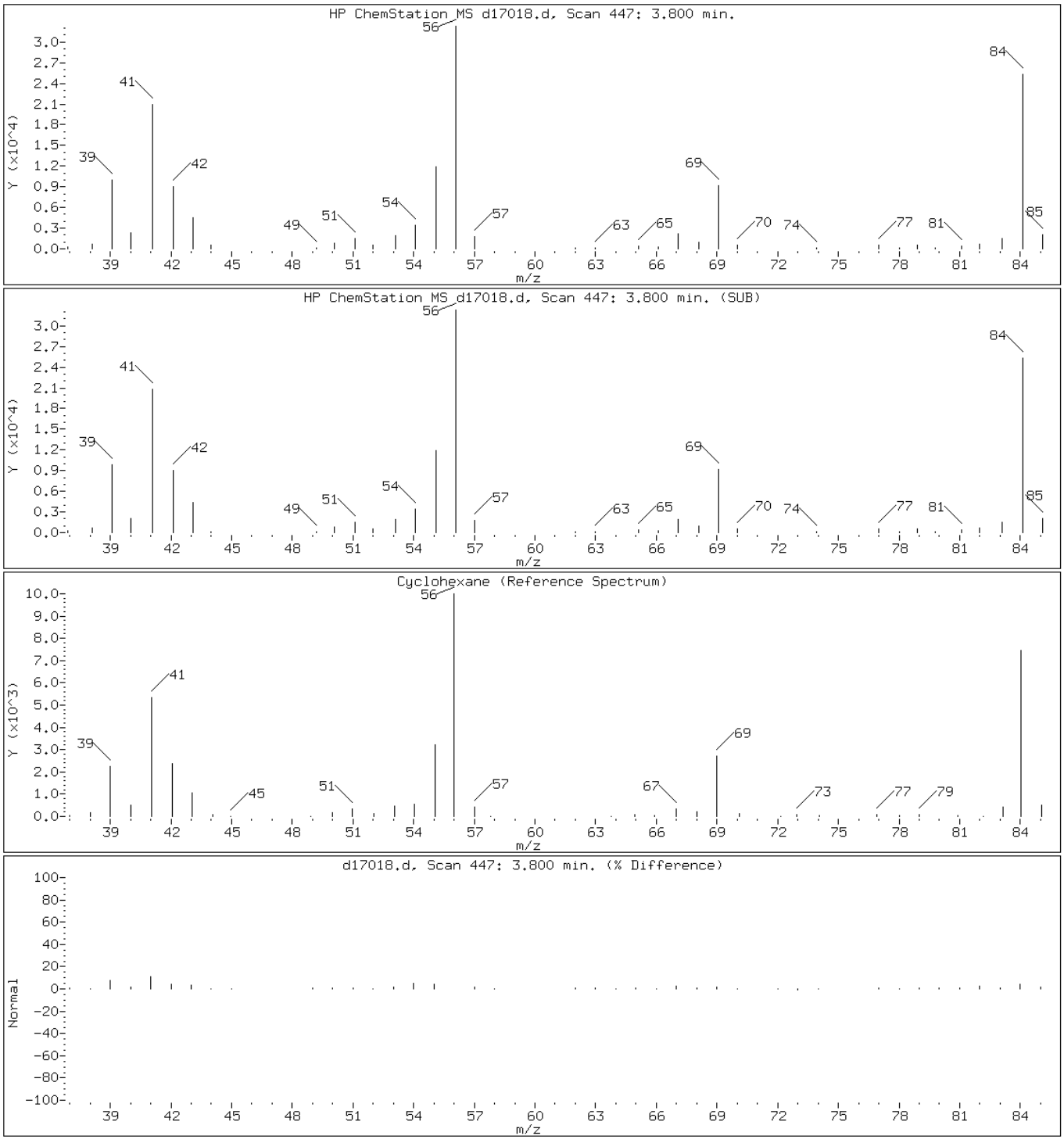
Data File: d17018.d

Date: 08-MAR-2010 17:05

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-17 Operator:

44 Cyclohexane



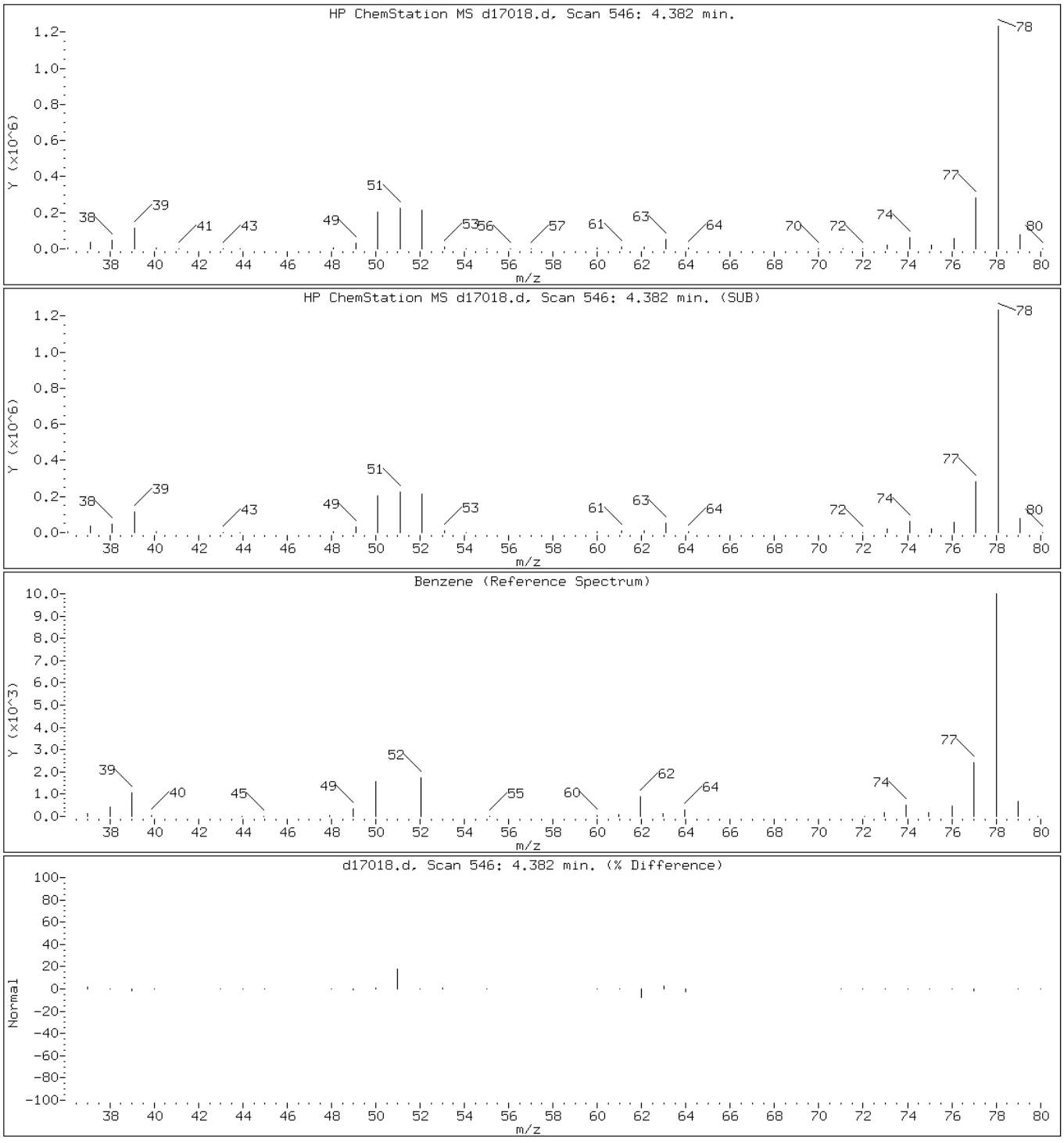
Data File: d17018.d

Date: 08-MAR-2010 17:05

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-17 Operator:

48 Benzene



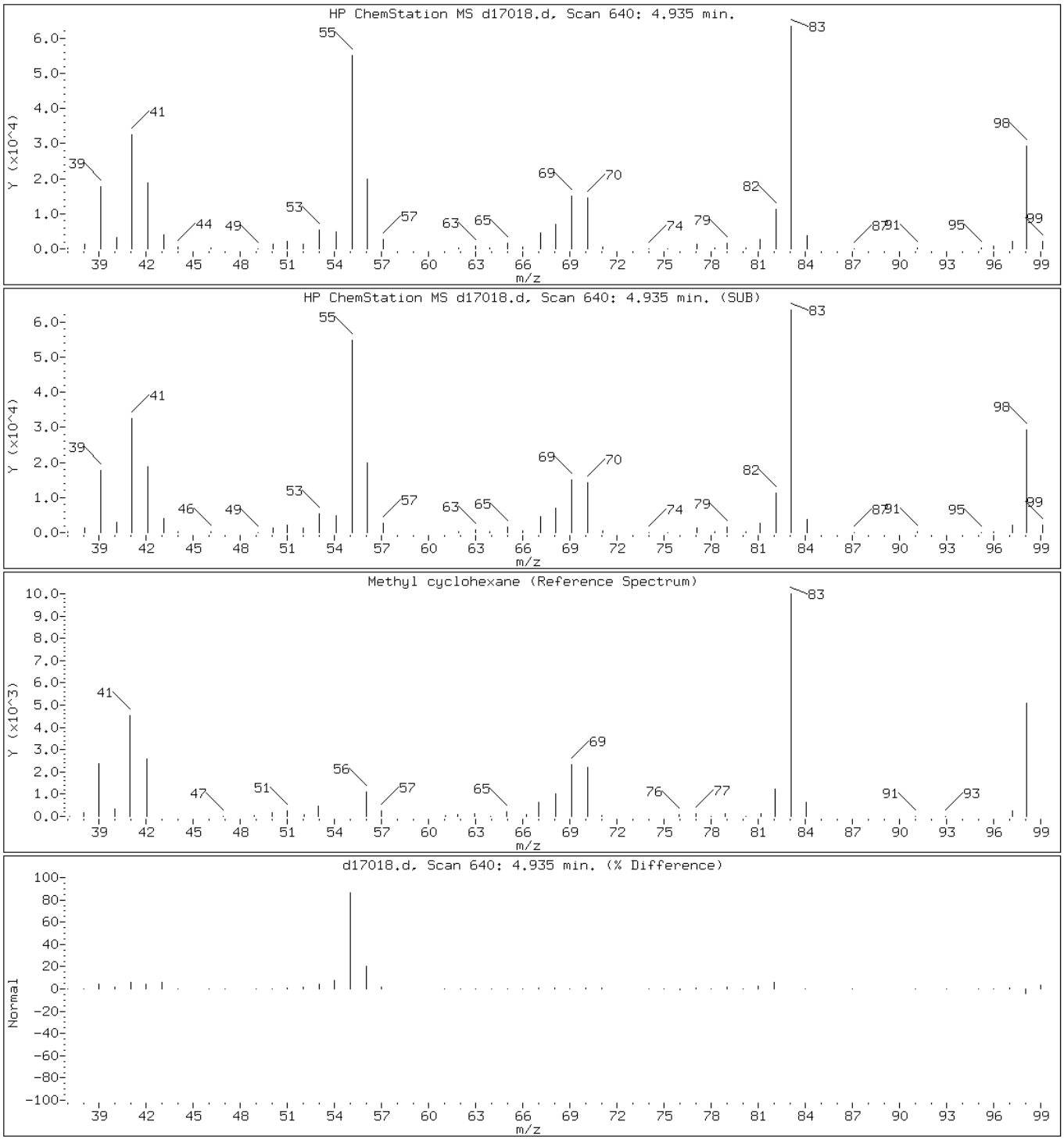
Data File: d17018.d

Date: 08-MAR-2010 17:05

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-17 Operator:

56 Methyl cyclohexane



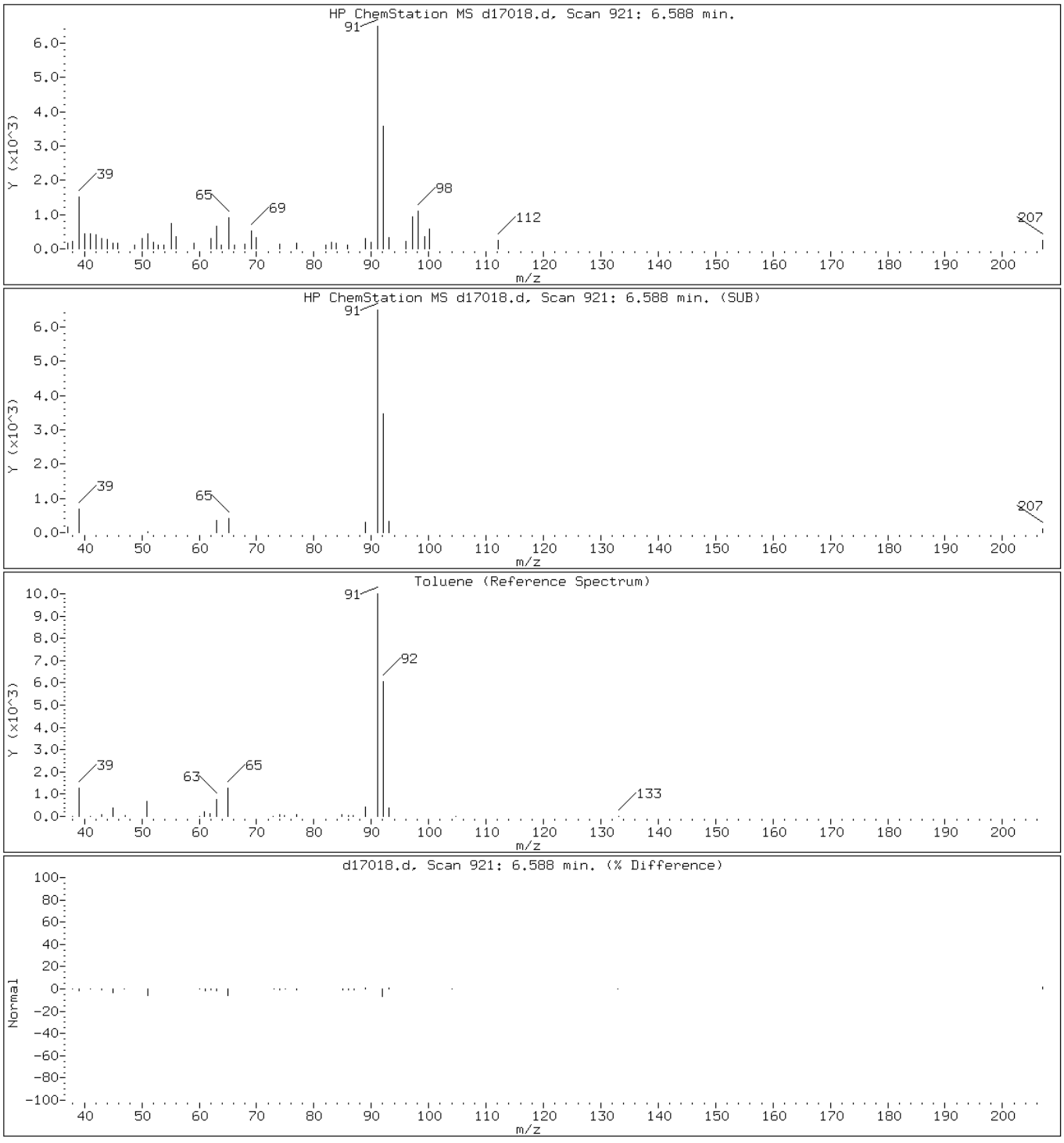
Data File: d17018.d

Date: 08-MAR-2010 17:05

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-17 Operator:

66 Toluene



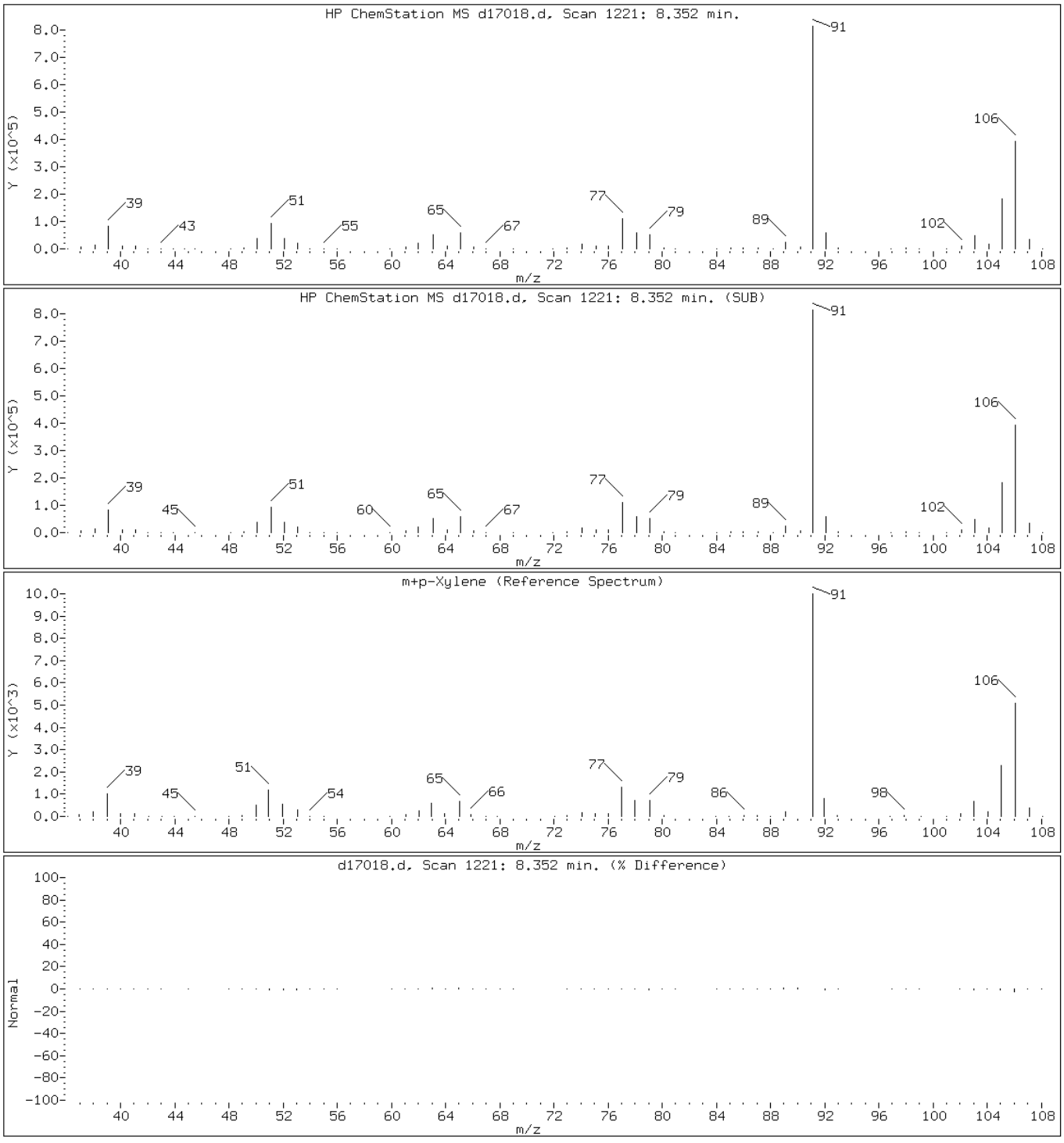
Data File: d17018.d

Date: 08-MAR-2010 17:05

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-17 Operator:

82 m+p-Xylene



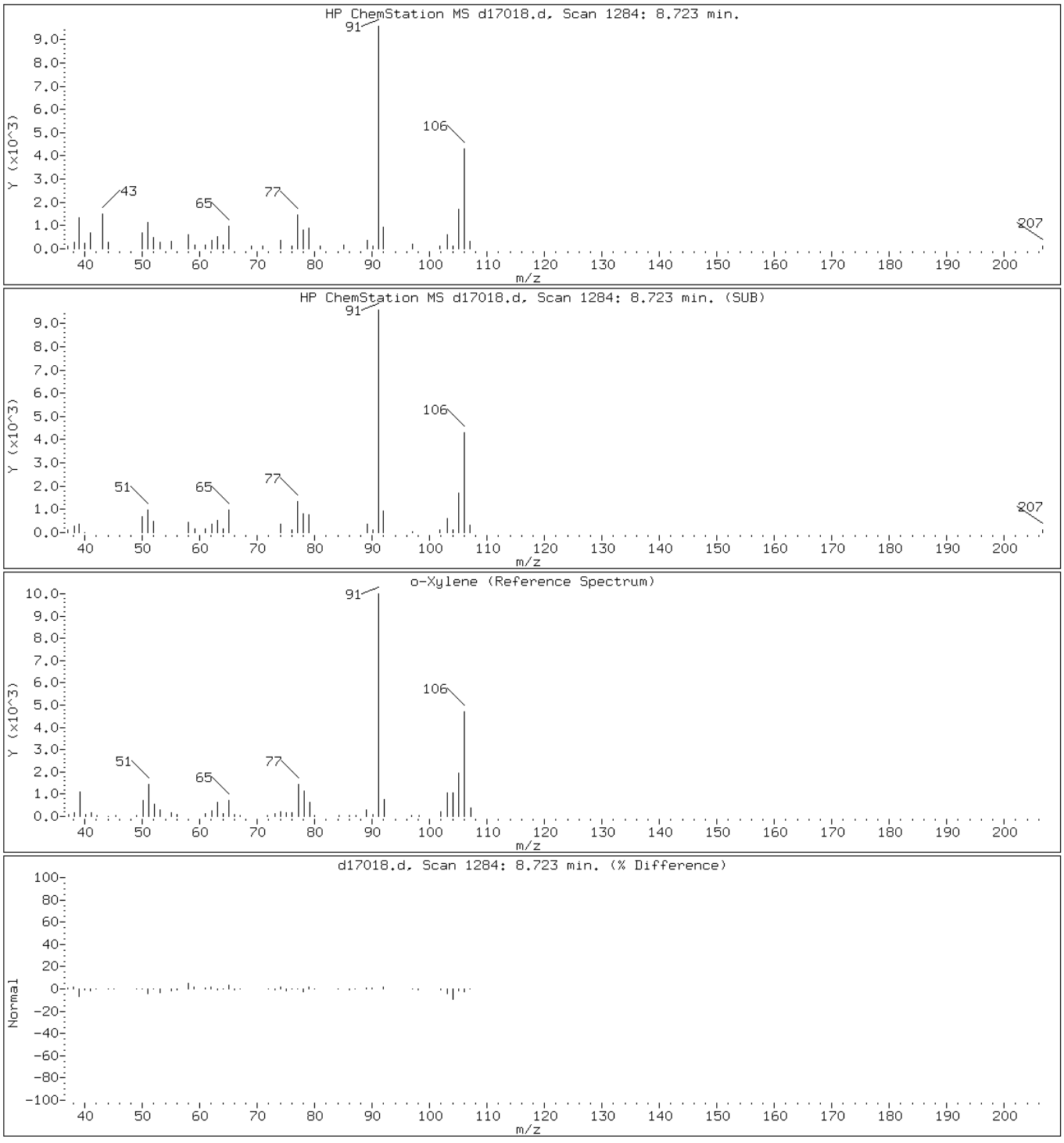
Data File: d17018.d

Date: 08-MAR-2010 17:05

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-17 Operator:

84 o-Xylene



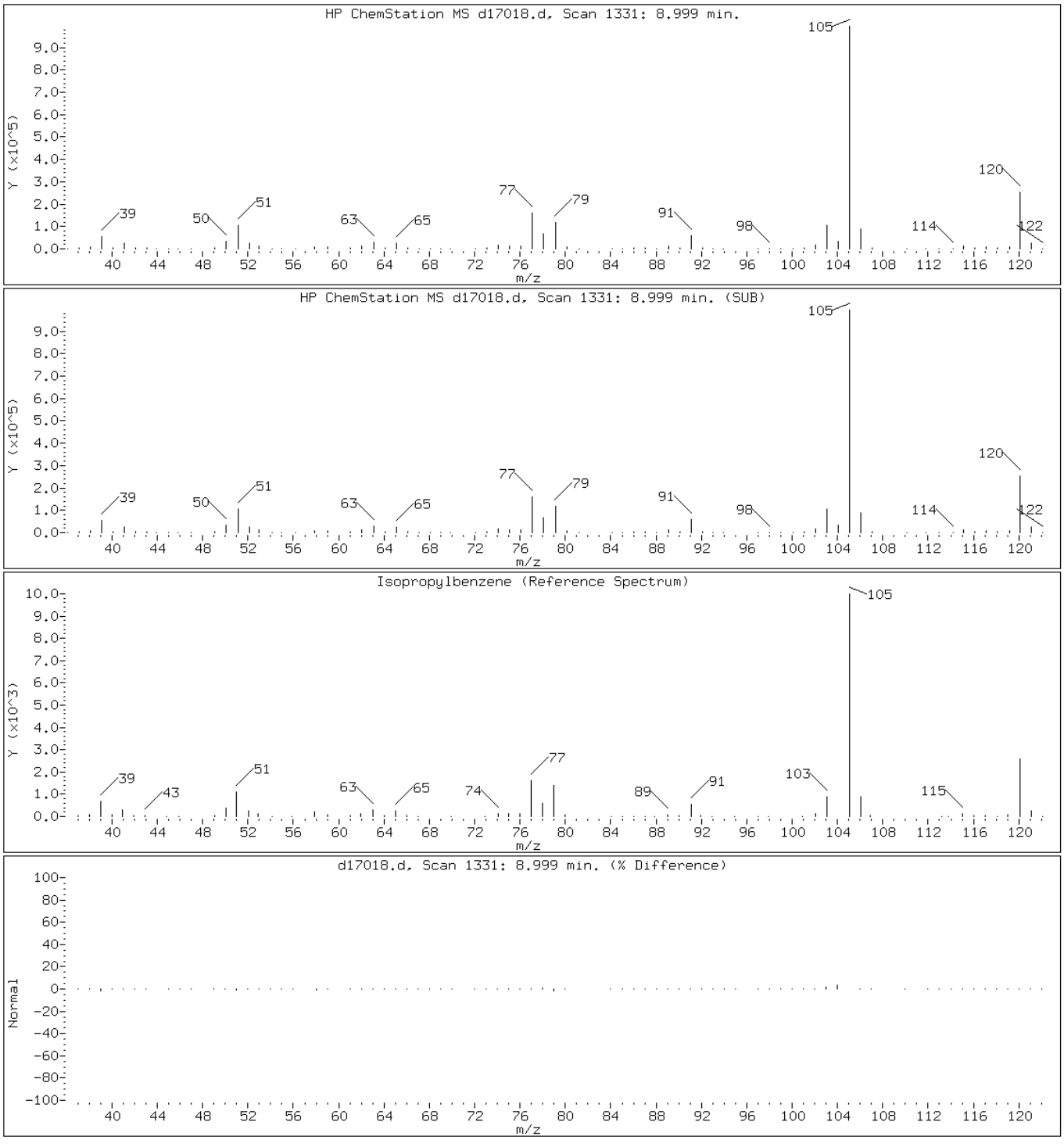
Data File: d17018.d

Date: 08-MAR-2010 17:05

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-17 Operator:

88 Isopropylbenzene



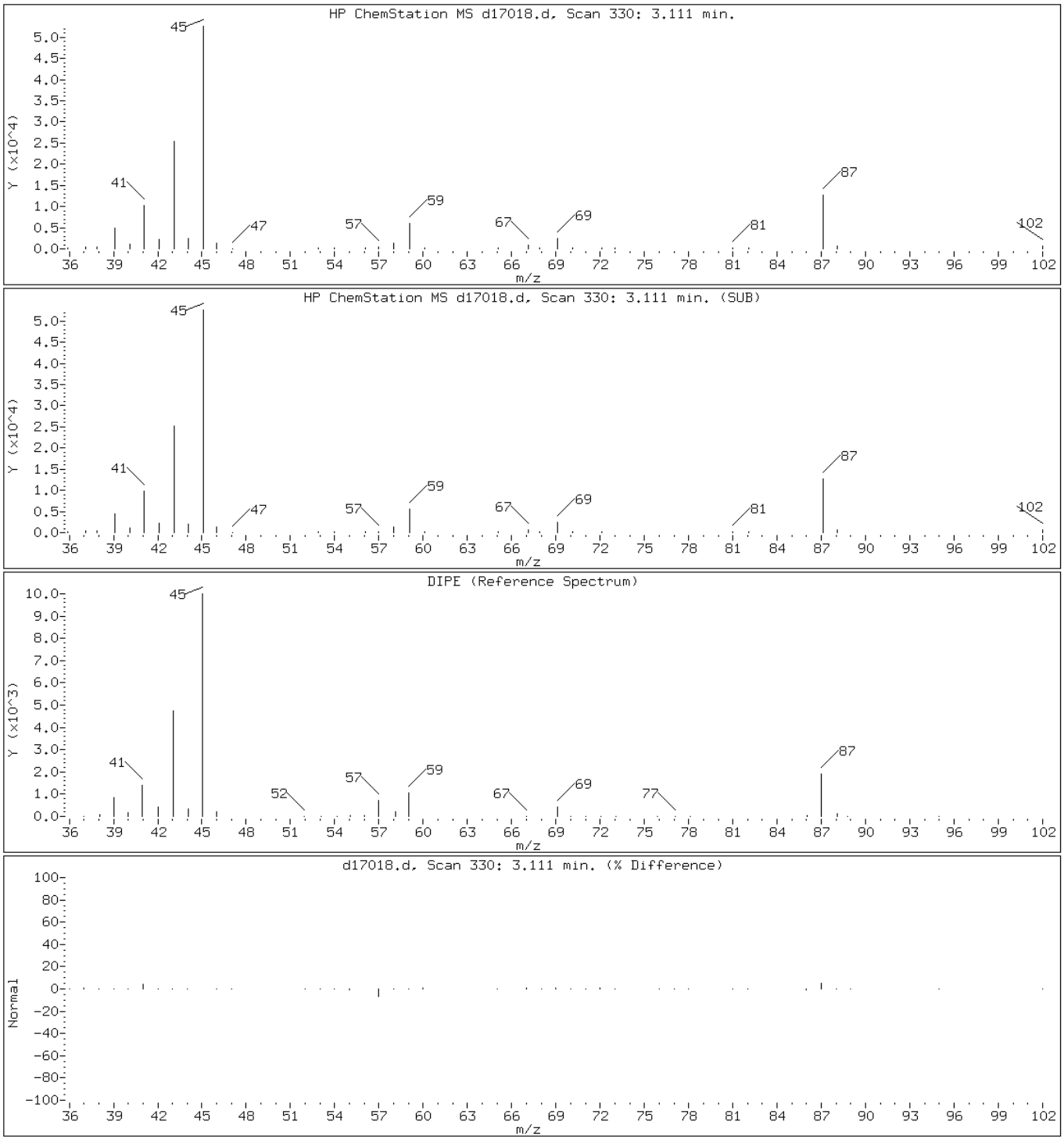
Data File: d17018.d

Date: 08-MAR-2010 17:05

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-17 Operator:

32 DIPE



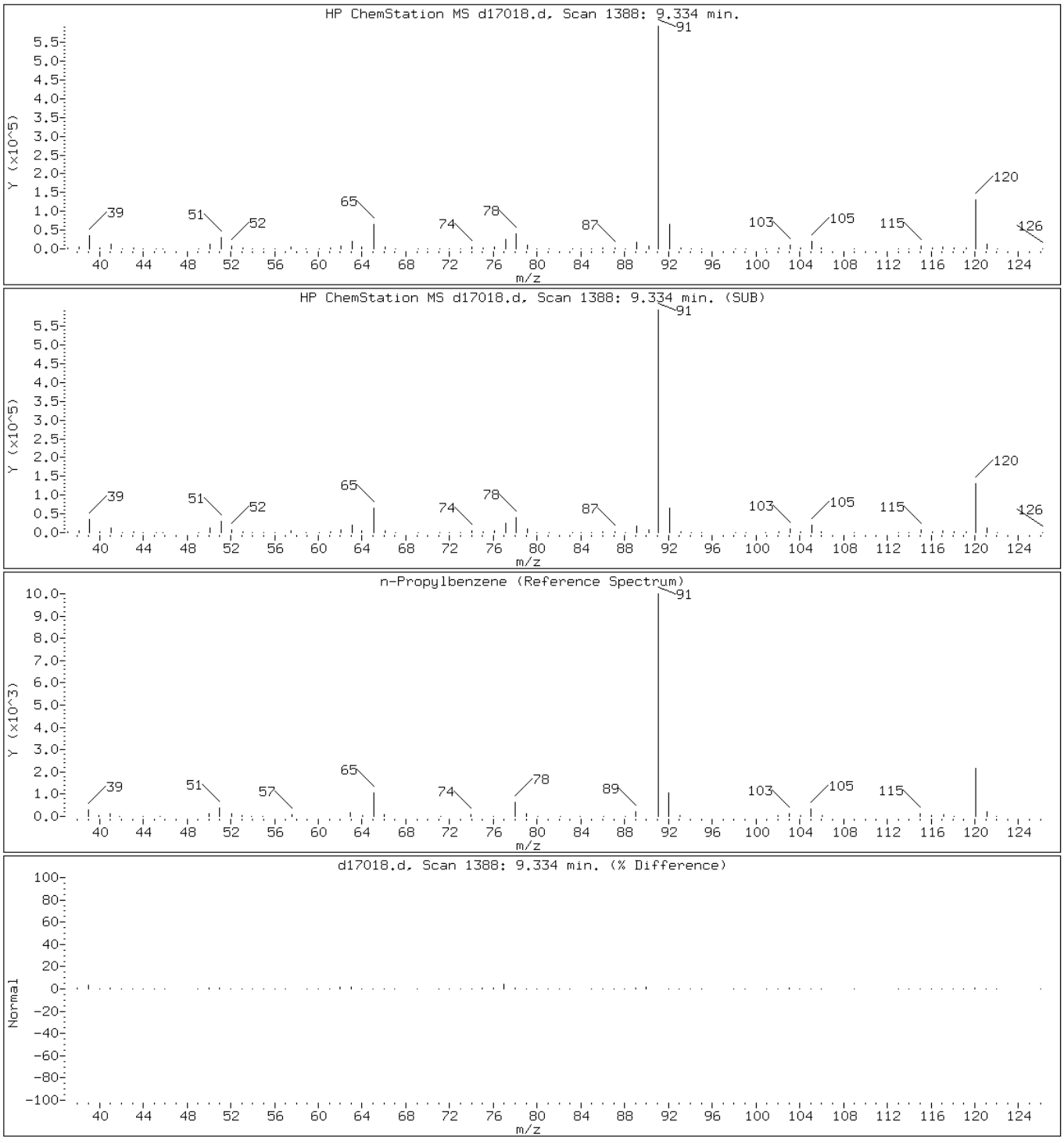
Data File: d17018.d

Date: 08-MAR-2010 17:05

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-17 Operator:

95 n-Propylbenzene



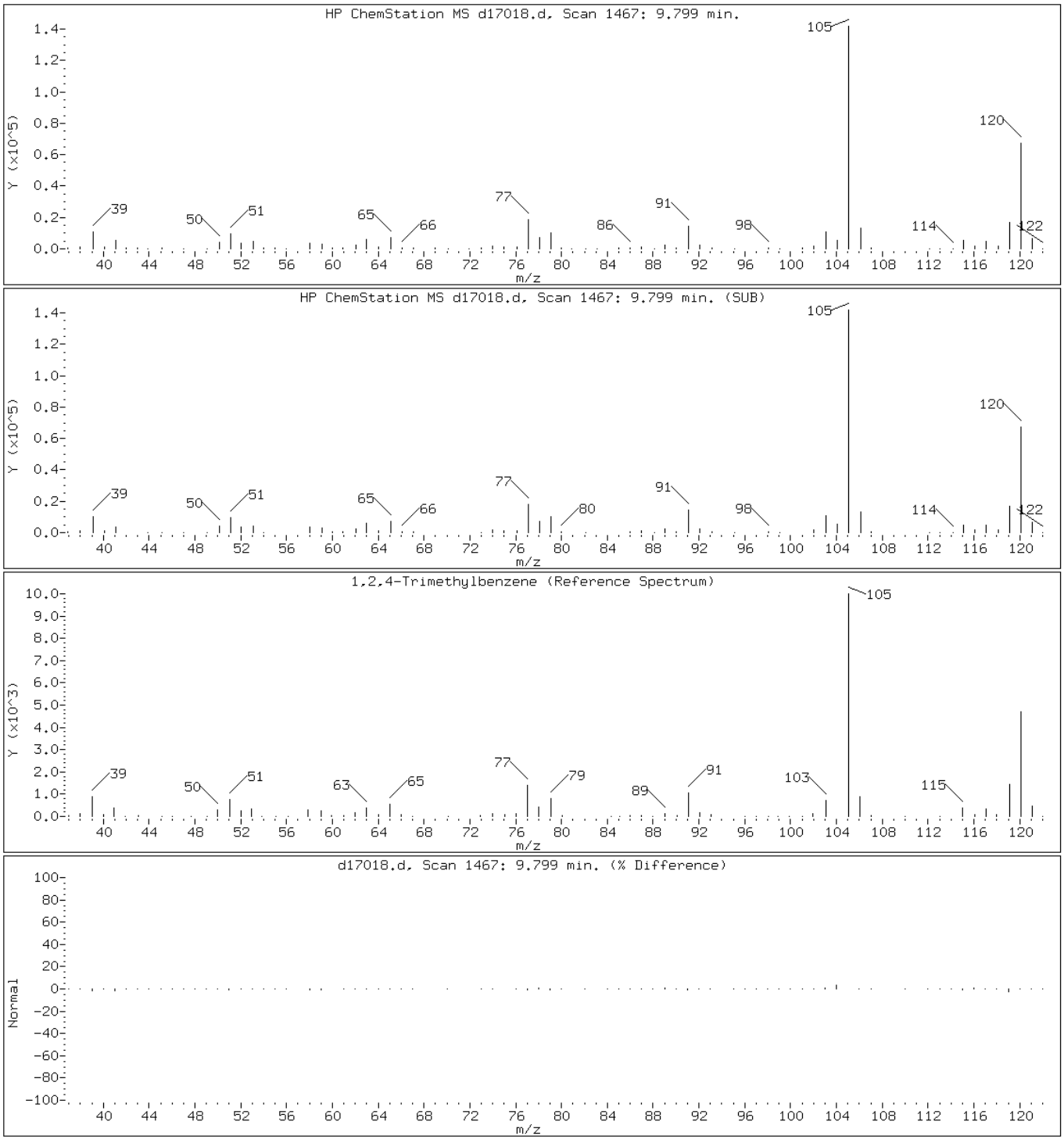
Data File: d17018.d

Date: 08-MAR-2010 17:05

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-17 Operator:

101 1,2,4-Trimethylbenzene



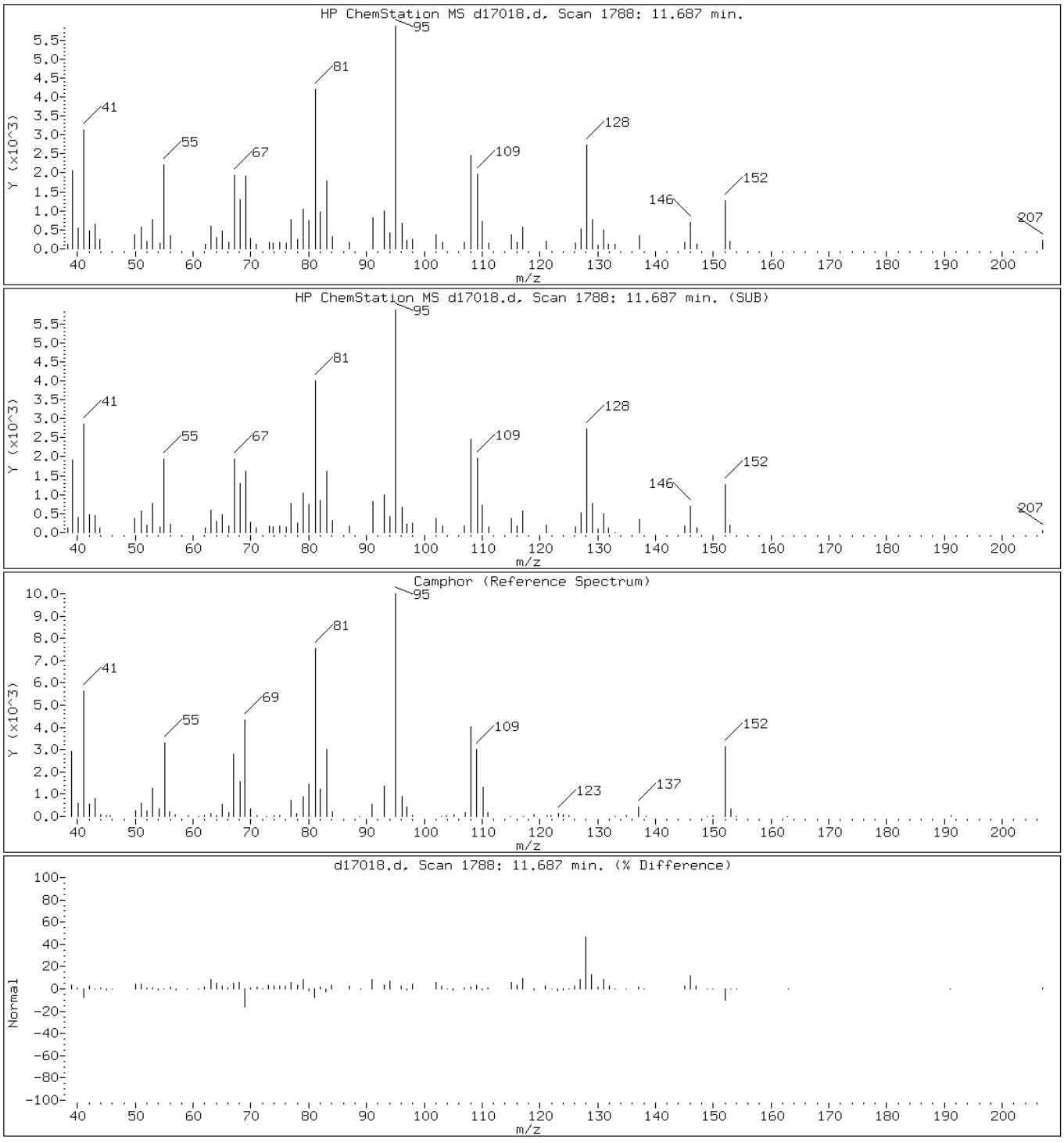
Data File: d17018.d

Date: 08-MAR-2010 17:05

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-17 Operator:

113 Camphor



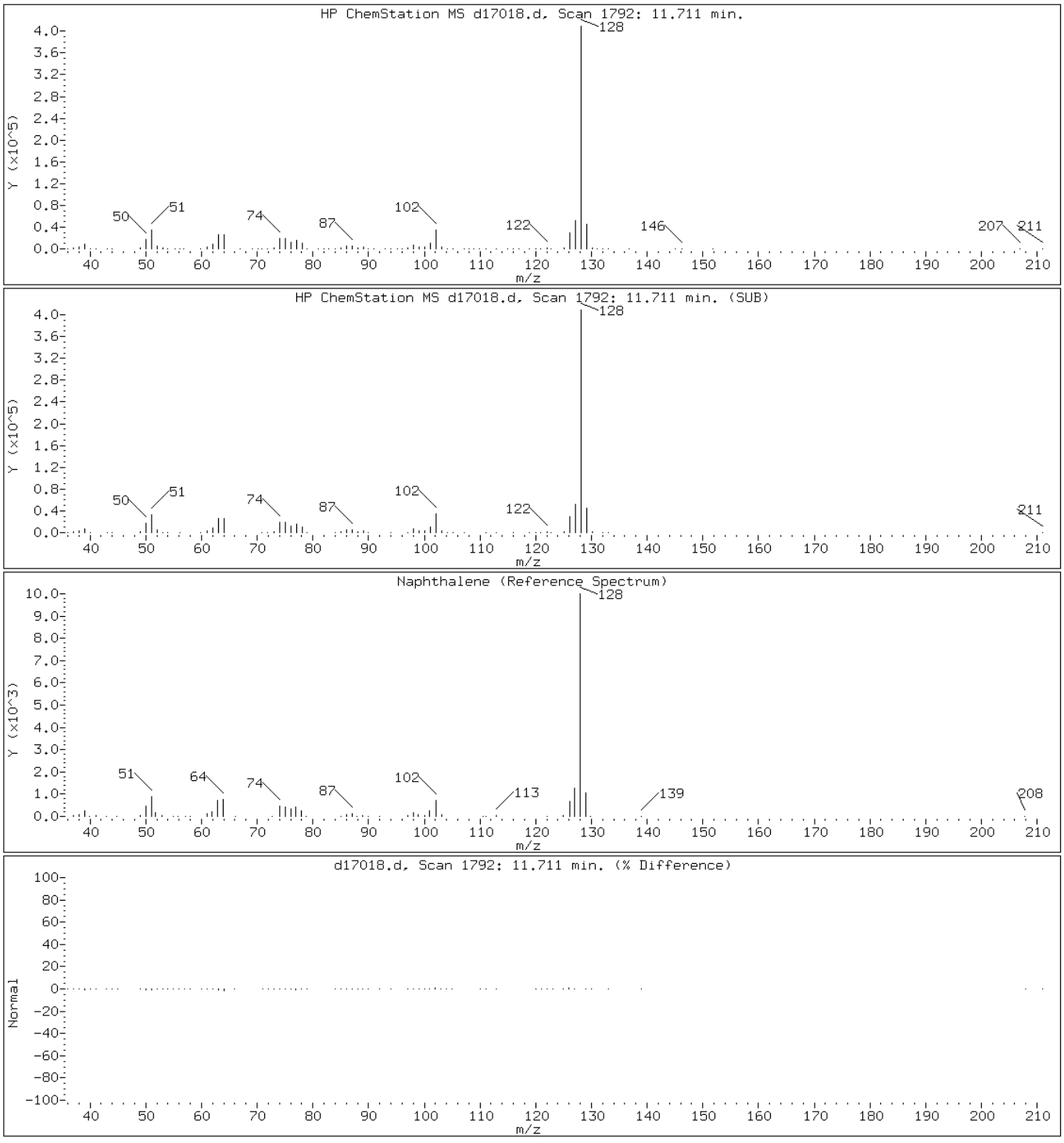
Data File: d17018.d

Date: 08-MAR-2010 17:05

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-17 Operator:

116 Naphthalene



Data File: d17018.d

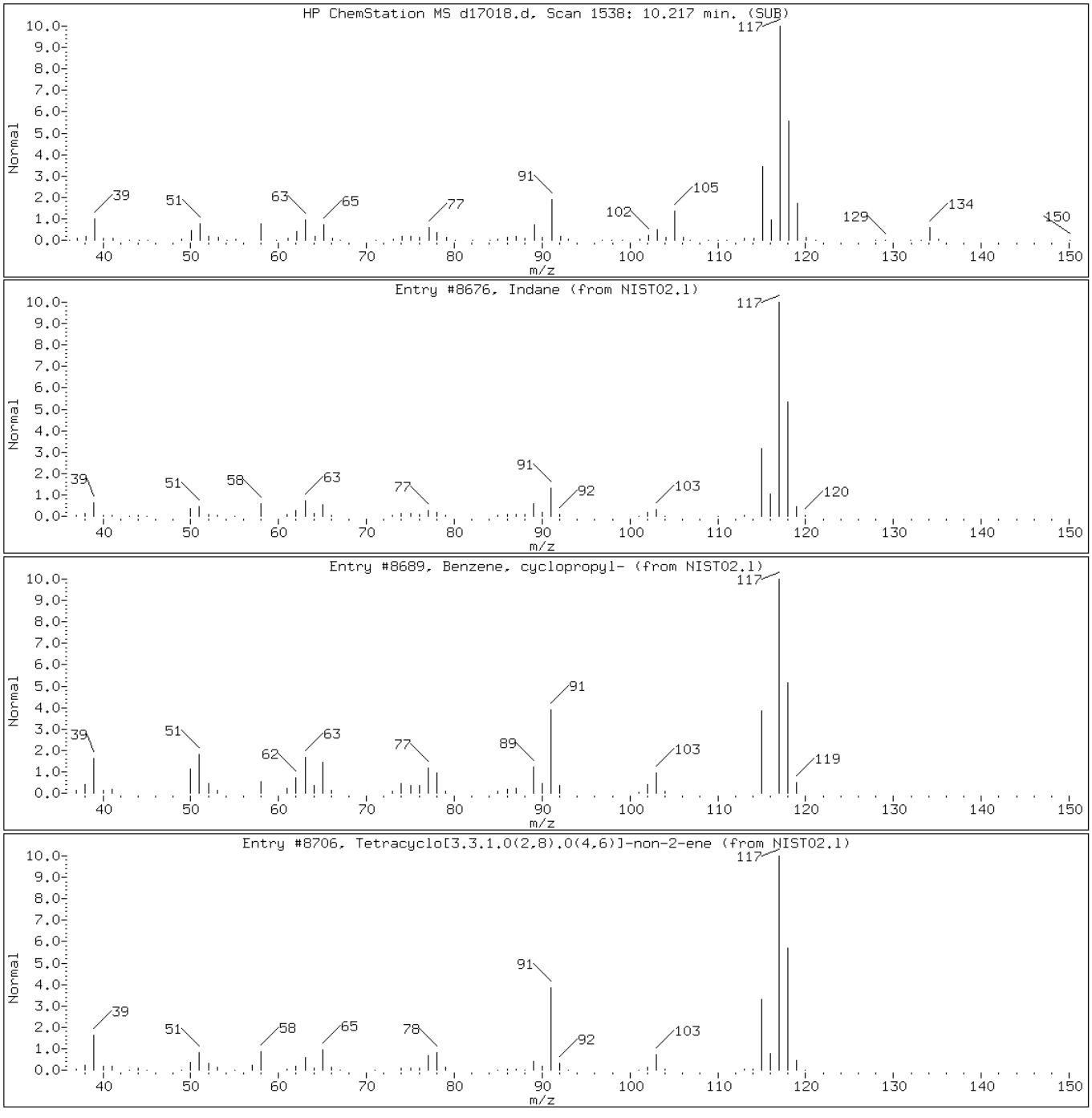
Date: 08-MAR-2010 17:05

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-17 Operator:

Retention Time: 10.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8676	93	C9H10	118
Benzene, cyclopropyl-	873-49-4	NIST02.l	8689	93	C9H10	118
Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	1000191-13-7	NIST02.l	8706	64	C9H10	118



Data File: d17018.d

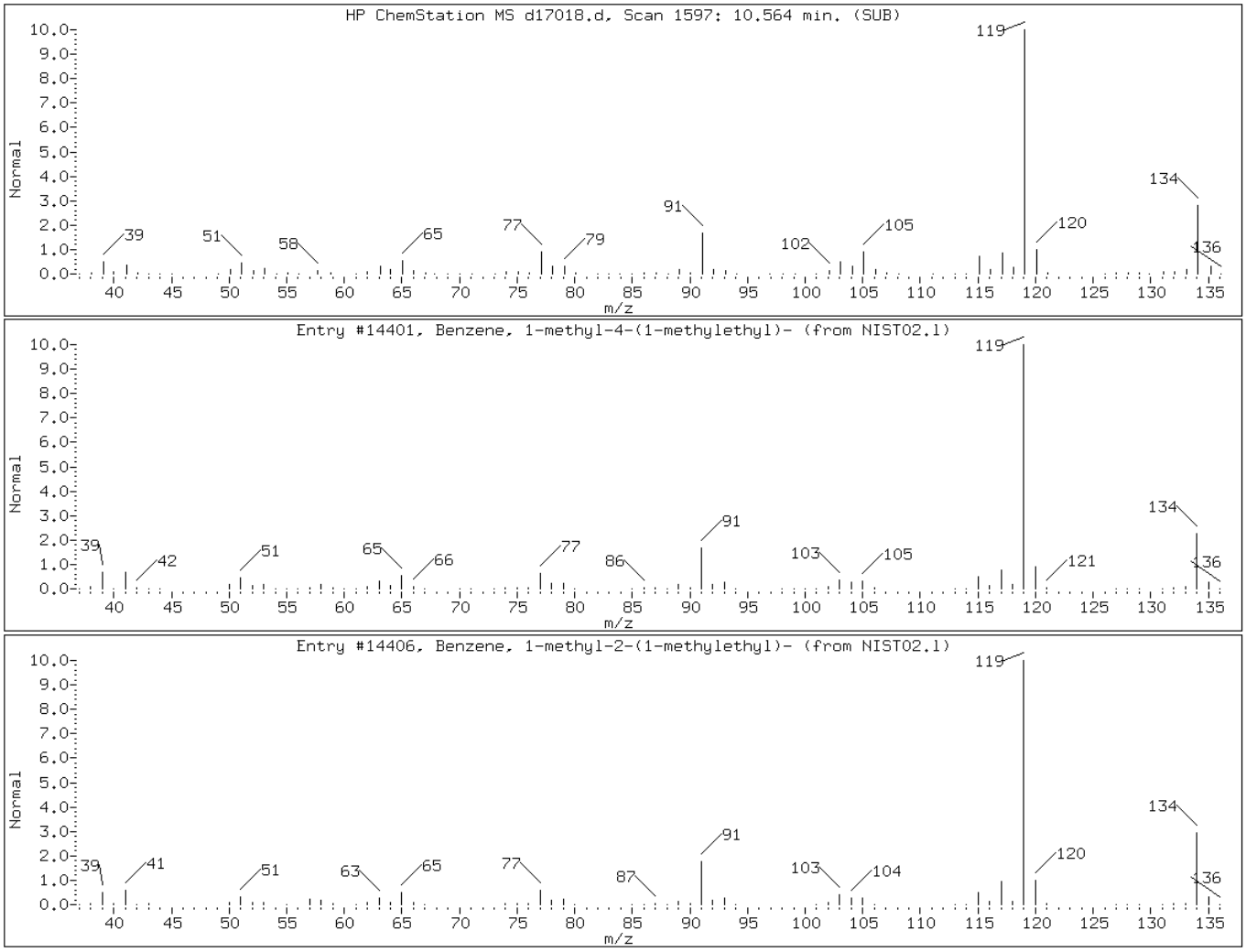
Date: 08-MAR-2010 17:05

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-17 Operator:

Retention Time: 10.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer -1						
Benzene, 1-methyl-4-(1-methylethyl	99-87-6	NIST02.l	14401	97	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14406	97	C10H14	134



Data File: d17018.d

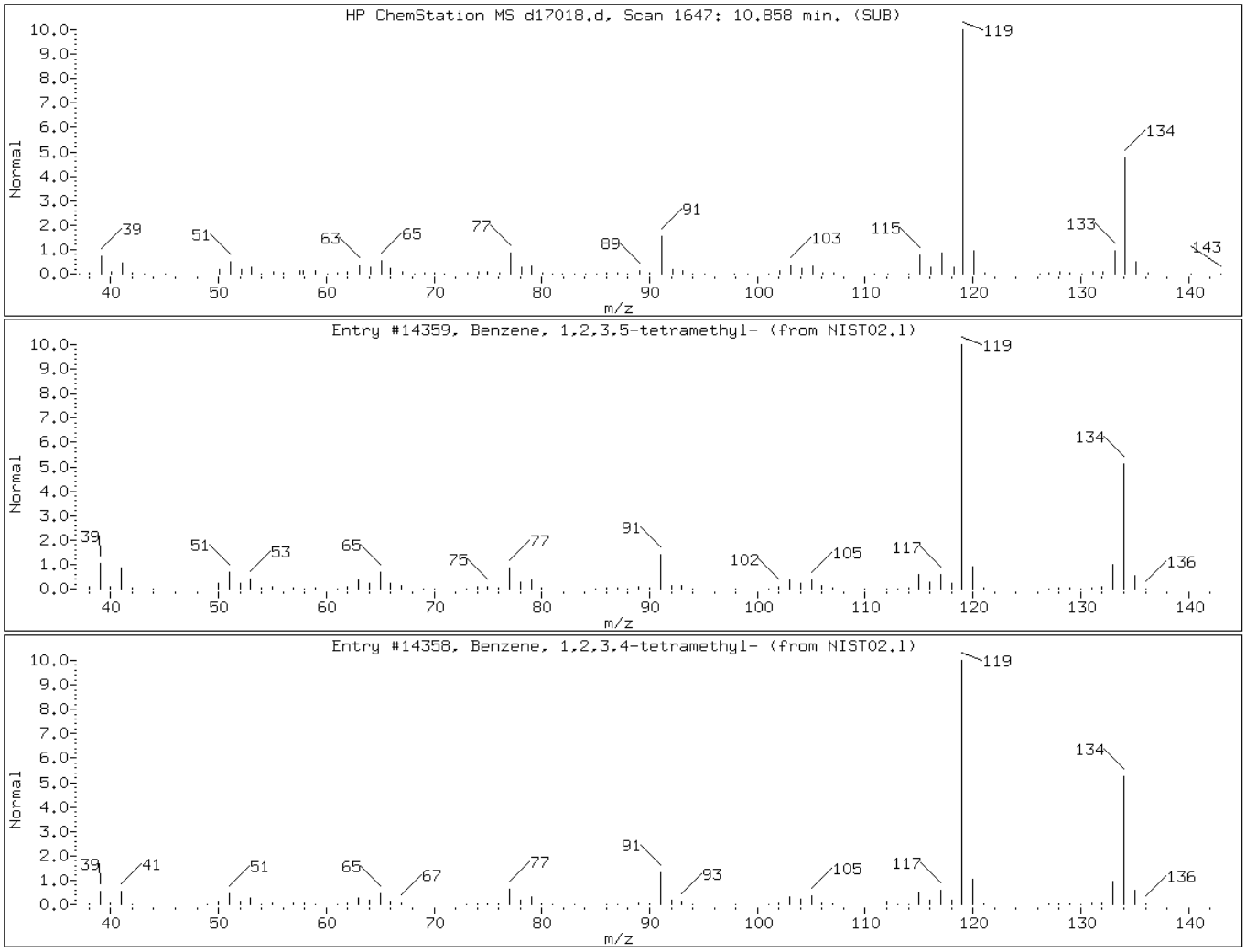
Date: 08-MAR-2010 17:05

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-17 Operator:

Retention Time: 10.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14359	97	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14358	97	C10H14	134



Data File: d17018.d

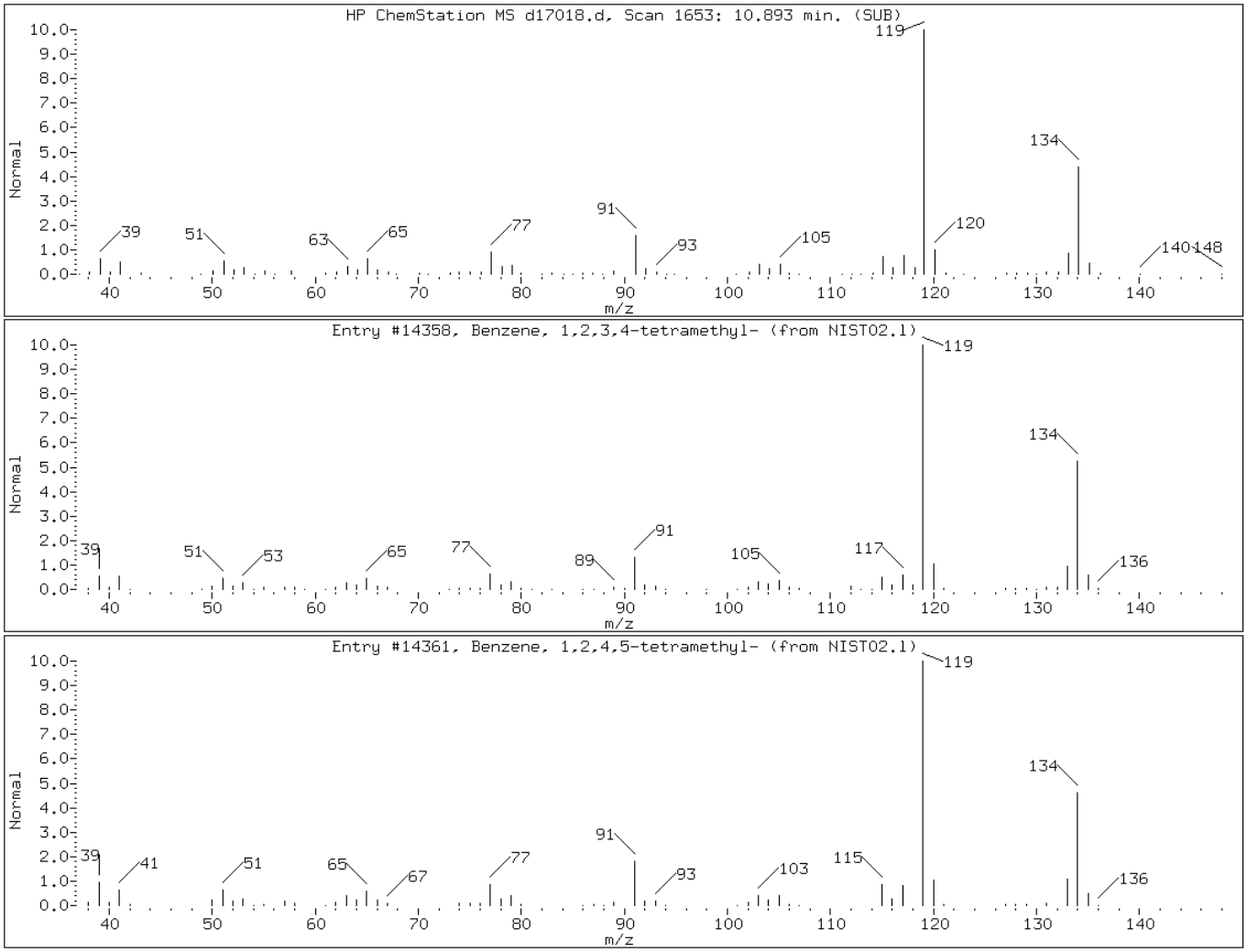
Date: 08-MAR-2010 17:05

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-17 Operator:

Retention Time: 10.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer -1						
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14358	96	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	96	C10H14	134



Data File: d17018.d

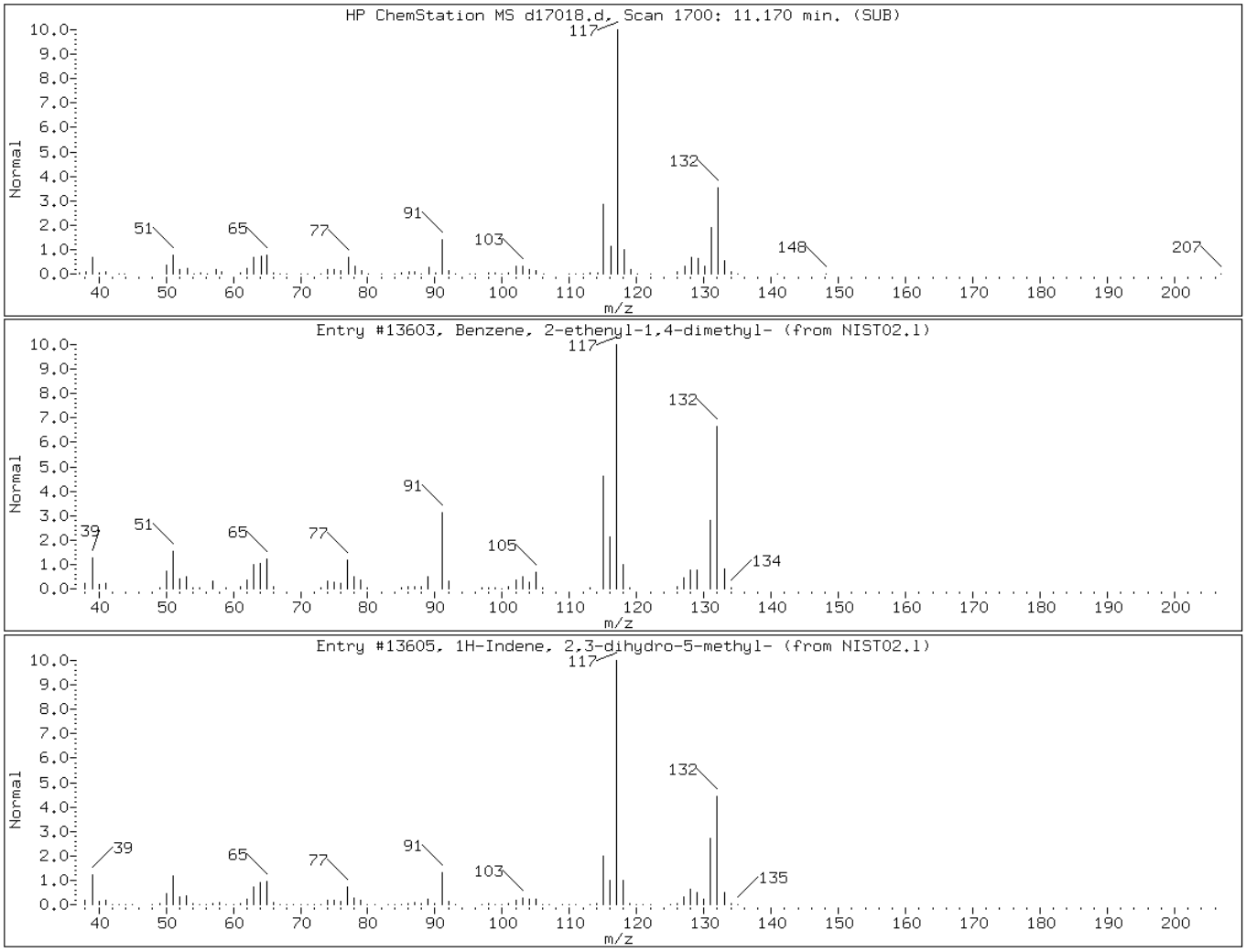
Date: 08-MAR-2010 17:05

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-17 Operator:

Retention Time: 11.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	96	C10H12	132
1H-Indene, 2,3-dihydro-5-methyl-	874-35-1	NIST02.l	13605	95	C10H12	132



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-018 Lab Sample ID: 460-10889-18

Matrix: GW Lab File ID: d17005.d

Analysis Method: 8260B Date Collected: 03/03/2010 12:00

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 11:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	2.2		1.0	0.18
75-00-3	Chloroethane	1.0	U *	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.2		1.0	0.25
110-82-7	Cyclohexane	5.2		1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	5.7		1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	2.3		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-018 Lab Sample ID: 460-10889-18

Matrix: GW Lab File ID: d17005.d

Analysis Method: 8260B Date Collected: 03/03/2010 12:00

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 11:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.6		1.0	0.16
1330-20-7	Xylenes, Total	2.2	J	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	3.5		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104	70-122	
460-00-4	4-Bromofluorobenzene	109	69-135	
2037-26-5	Toluene-d8 (Surr)	104	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-018 Lab Sample ID: 460-10889-18

Matrix: GW Lab File ID: d17005.d

Analysis Method: 8260B Date Collected: 03/03/2010 12:00

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 11:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

Number TICs Found: 1 TIC Result Total: 8.3

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	
108-20-3	Isopropyl ether	3.12	8.3	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17005.d
Report Date: 08-Mar-2010 12:27

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17005.d
Lab Smp Id: 460-10889-B-18 Client Smp ID: GW-017338-030310-AC
Inj Date : 08-MAR-2010 11:45
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-B-18
Misc Info : 460-10889-B-18
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 08-Mar-2010 12:19 desais Quant Type: ISTD
Cal Date : 08-MAR-2010 08:03 Cal File: d16997.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 MTBE	73	2.846	2.829	(0.595)	20404	2.22977	2.2
	32 DIPE	45	3.123	3.111	(0.652)	102646	8.34664	8.3
	44 Cyclohexane	56	3.805	3.788	(0.795)	26824	5.18887	5.2
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.511	4.505	(0.942)	24370	51.7909	52
	48 Benzene	78	4.382	4.376	(0.538)	77699	5.73793	5.7
*	52 Fluorobenzene	96	4.788	4.782	(1.000)	529919	50.0000	
$	65 Toluene-d8 (SUR)	98	6.529	6.523	(0.801)	479776	51.9040	52
	66 Toluene	91	6.582	6.582	(0.808)	31631	2.31326	2.3
*	78 Chlorobenzene-d5	117	8.146	8.140	(1.000)	377662	50.0000	
	79 Chlorobenzene	112	8.158	8.158	(1.001)	13190	1.61650	1.6
	81 Ethylbenzene	106	8.211	8.205	(1.008)	5260	1.16263	1.2
	82 m+p-Xylene	106	8.352	8.346	(1.025)	9831	1.75945	1.8
	84 o-Xylene	106	8.717	8.717	(1.070)	2365	0.42805	0.43(a)
	88 Isopropylbenzene	105	8.993	8.993	(1.104)	52942	3.49035	3.5
$	89 Bromofluorobenzene (SUR)	174	9.211	9.205	(0.914)	170531	54.3769	54
	95 n-Propylbenzene	91	9.334	9.328	(0.926)	21548	1.20761	1.2

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17005.d
Report Date: 08-Mar-2010 12:27

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
101 1,2,4-Trimethylbenzene	105	9.793	9.793	(0.971)	5142	0.38156	0.38(a)
* 108 1,4-Dichlorobenzene-d4	152	10.081	10.081	(1.000)	208085	50.0000	
M 121 Xylene (Total)	100				12196	2.18750	2.2(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17005.d
Report Date: 08-Mar-2010 12:27

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17005.d
Lab Smp Id: 460-10889-B-18 Client Smp ID: GW-017338-030310-AC
Inj Date : 08-MAR-2010 11:45
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-B-18
Misc Info : 460-10889-B-18
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 08-Mar-2010 12:19 desais Quant Type: ISTD
Cal Date : 08-MAR-2010 08:03 Cal File: d16997.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

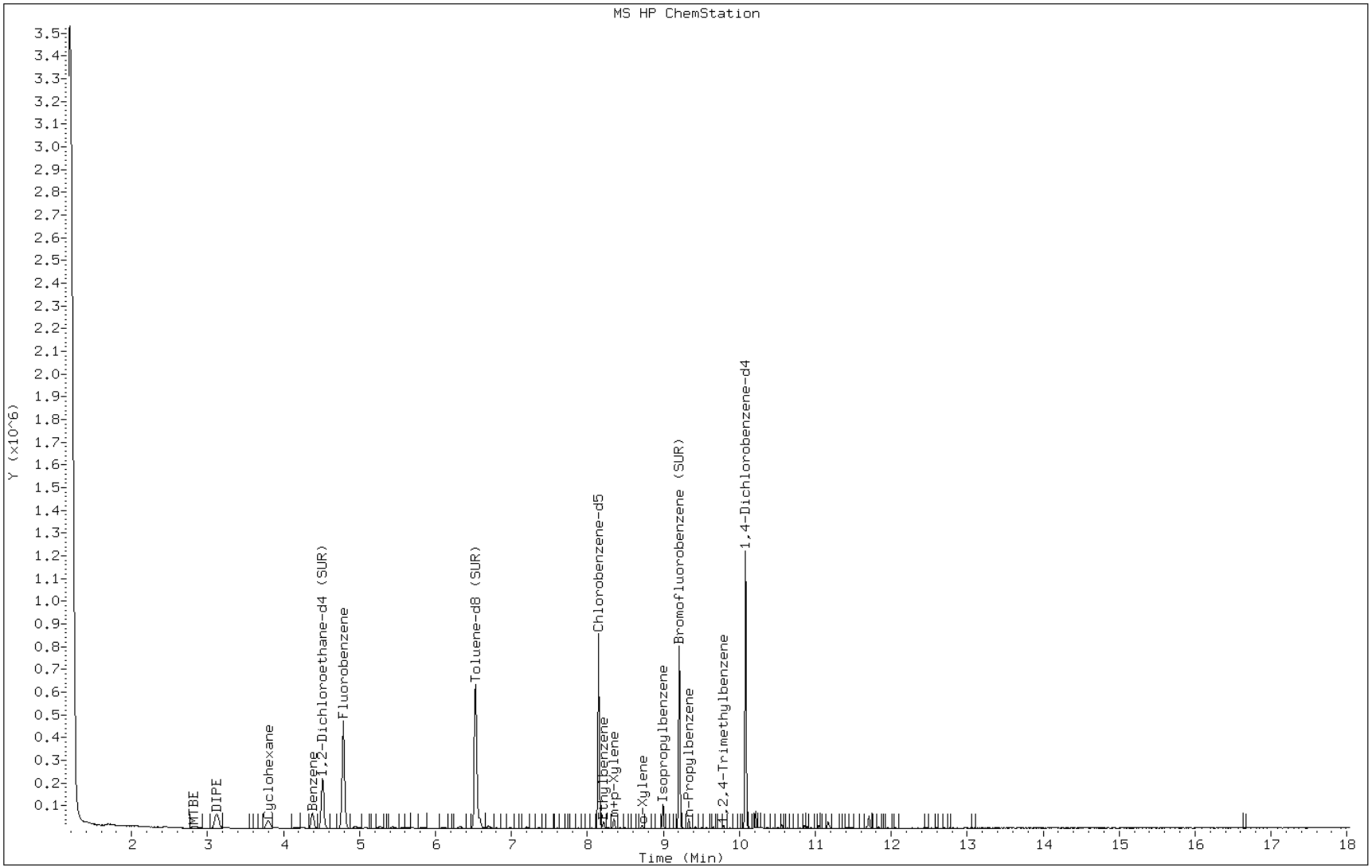
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d17005.d

Date: 08-MAR-2010 11:45

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-18 Operator:



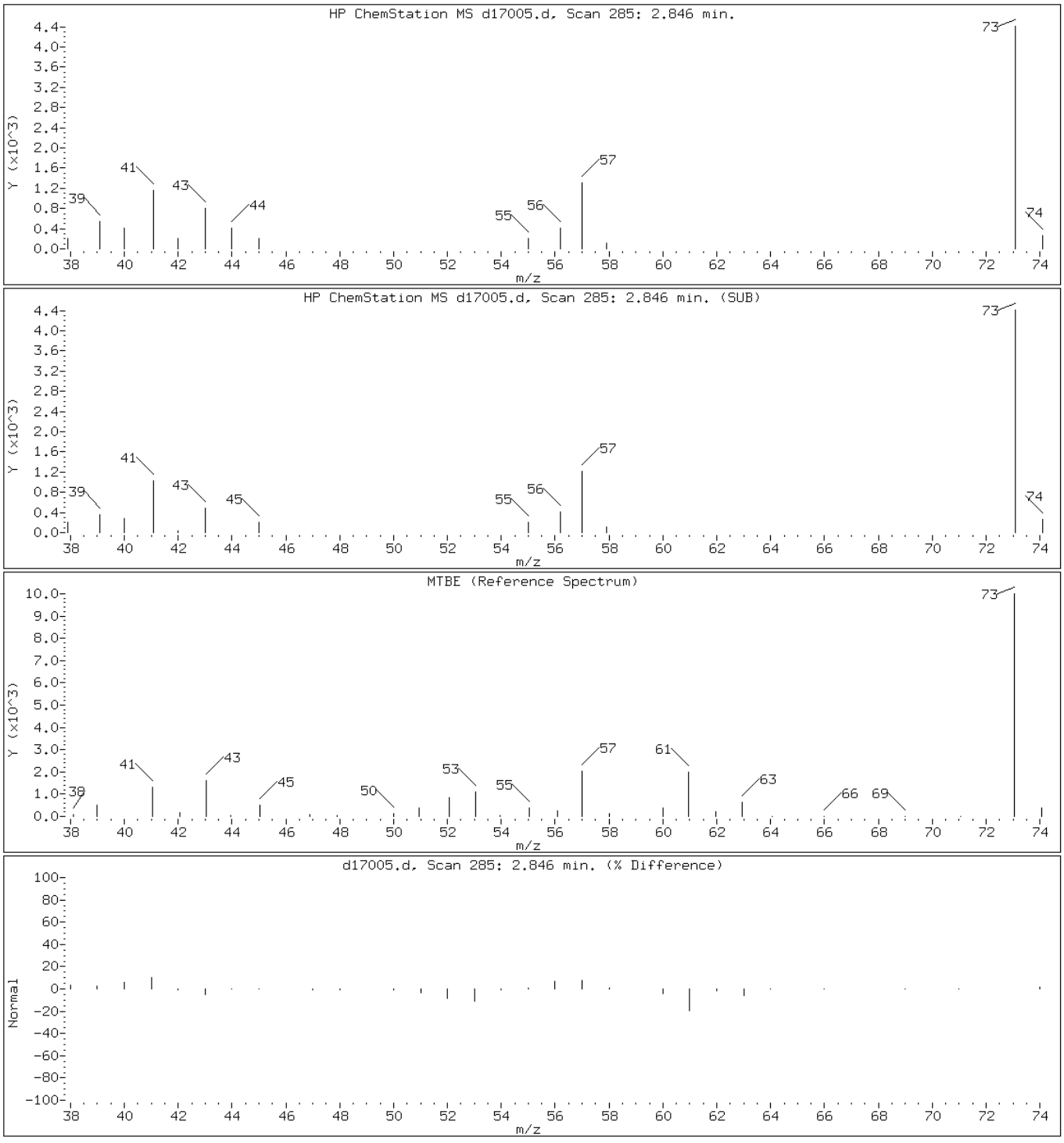
Data File: d17005.d

Date: 08-MAR-2010 11:45

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-18 Operator:

28 MTBE



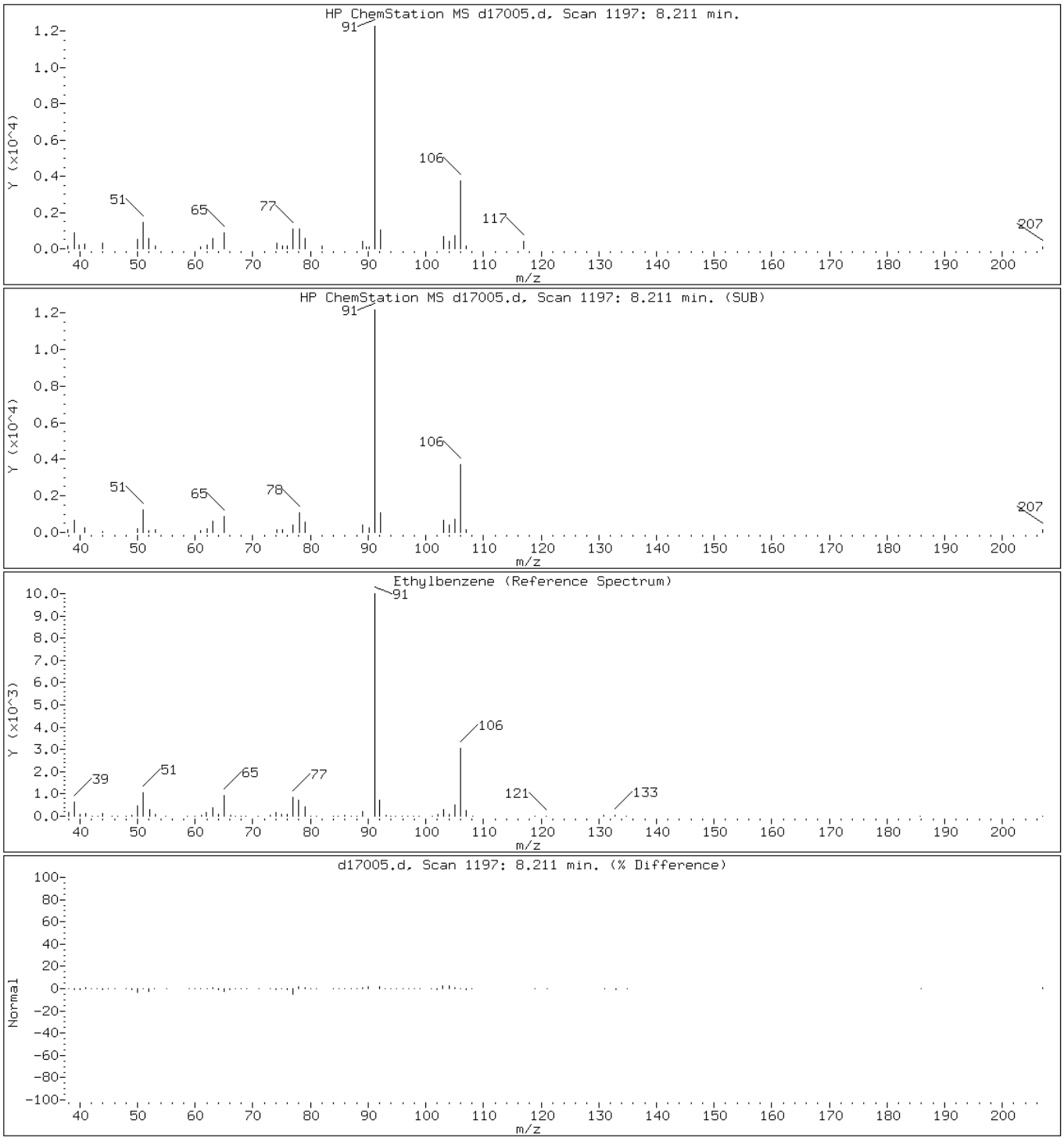
Data File: d17005.d

Date: 08-MAR-2010 11:45

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-18 Operator:

81 Ethylbenzene



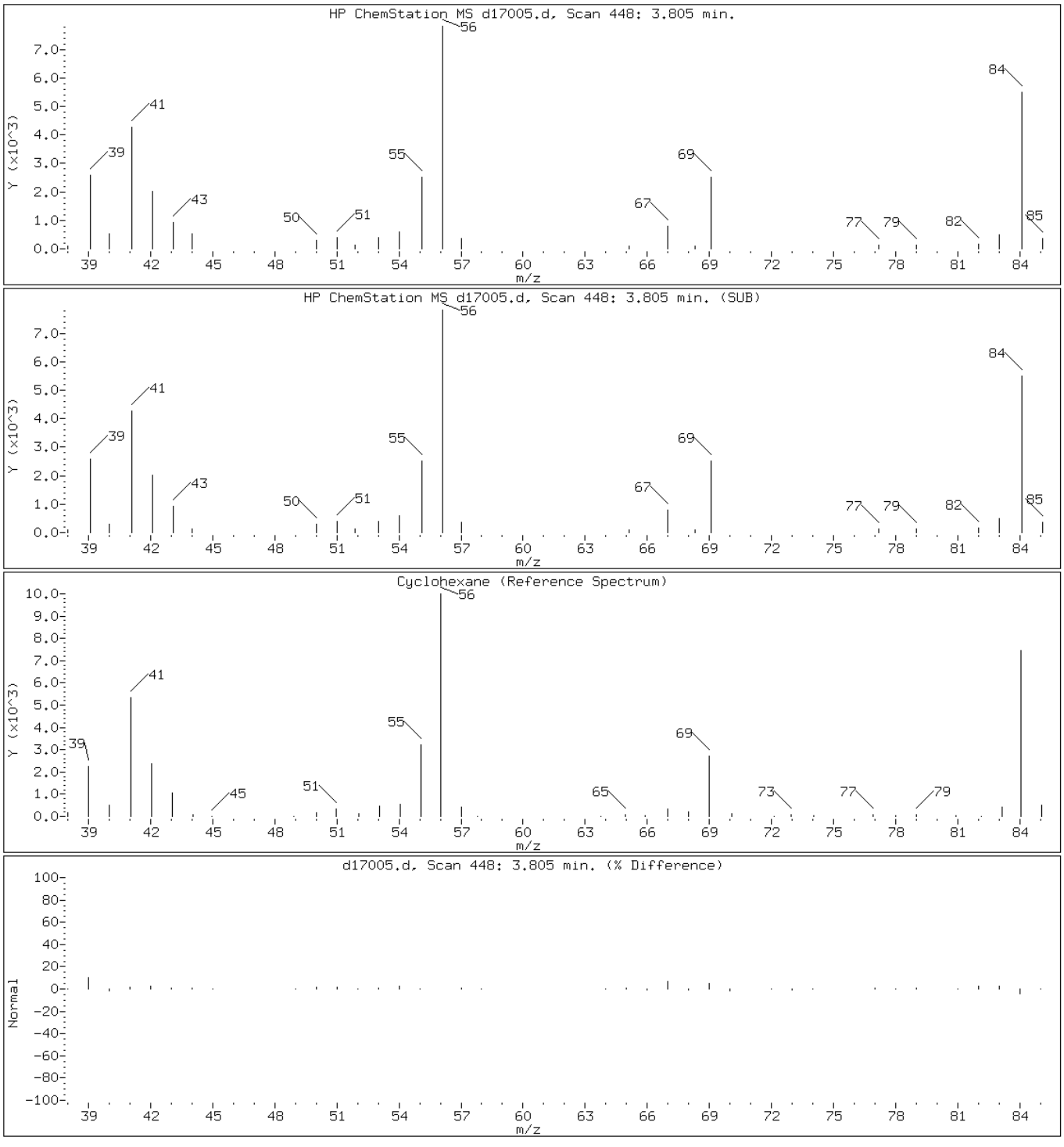
Data File: d17005.d

Date: 08-MAR-2010 11:45

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-18 Operator:

44 Cyclohexane



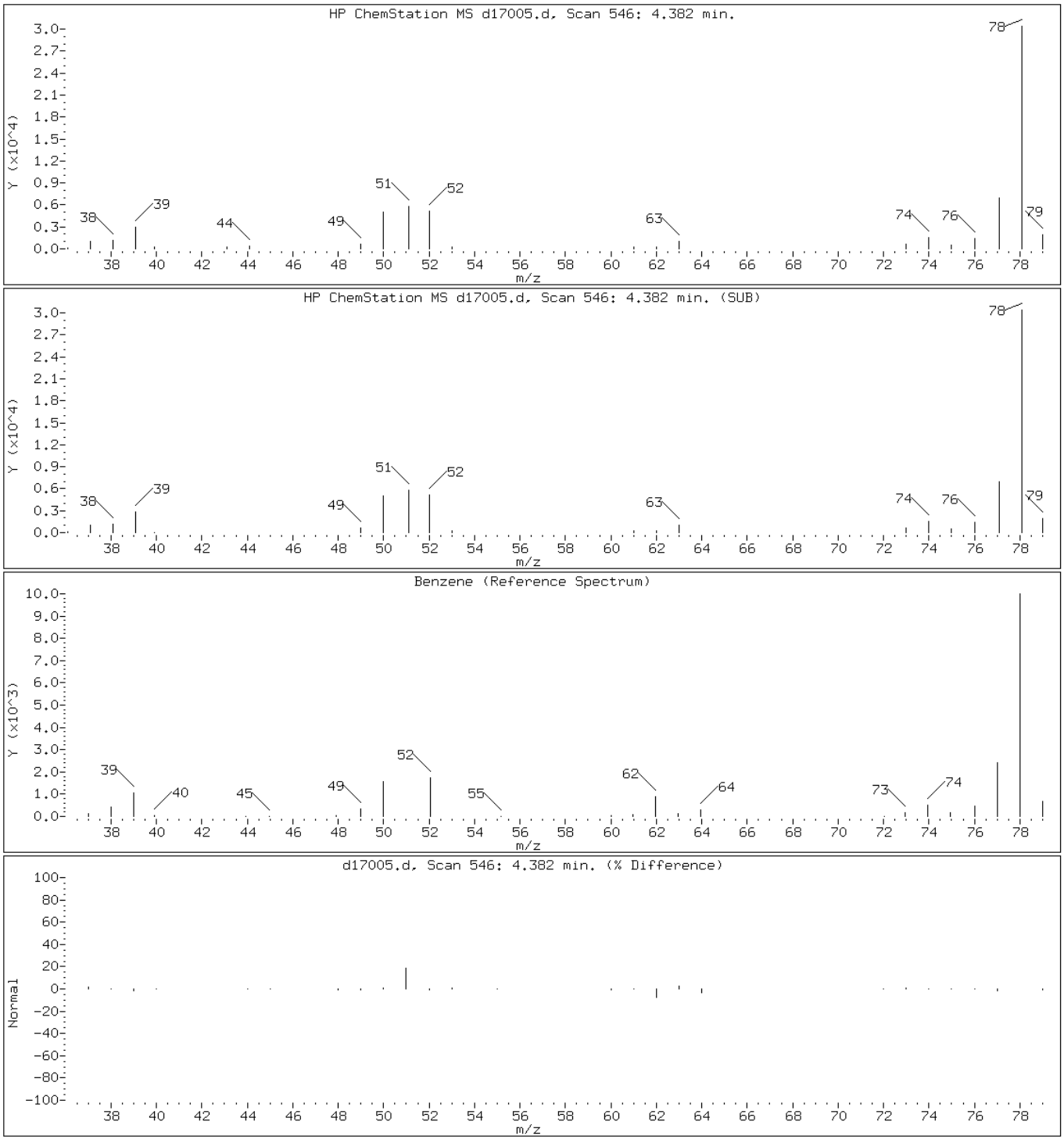
Data File: d17005.d

Date: 08-MAR-2010 11:45

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-18 Operator:

48 Benzene



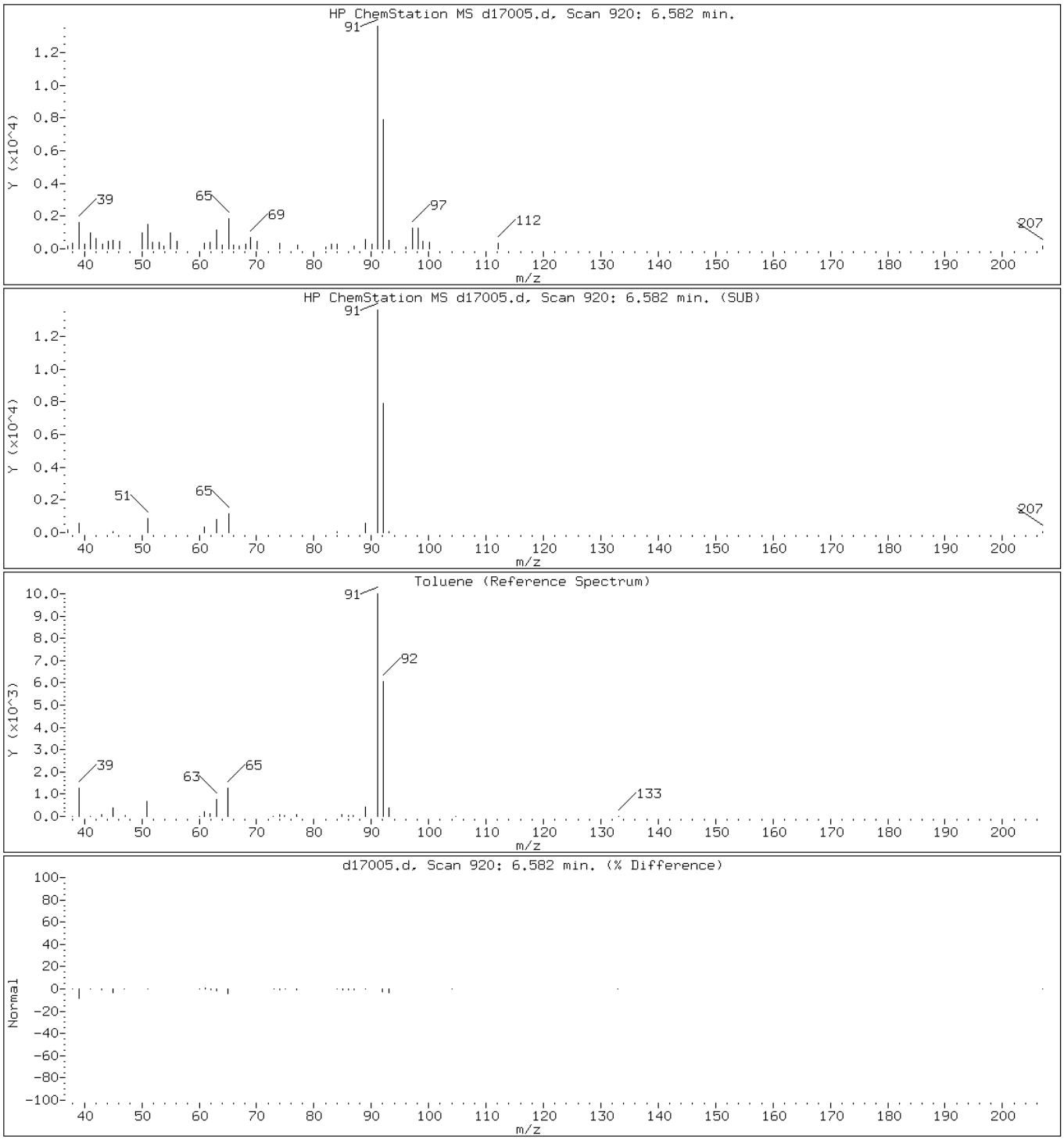
Data File: d17005.d

Date: 08-MAR-2010 11:45

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-18 Operator:

66 Toluene



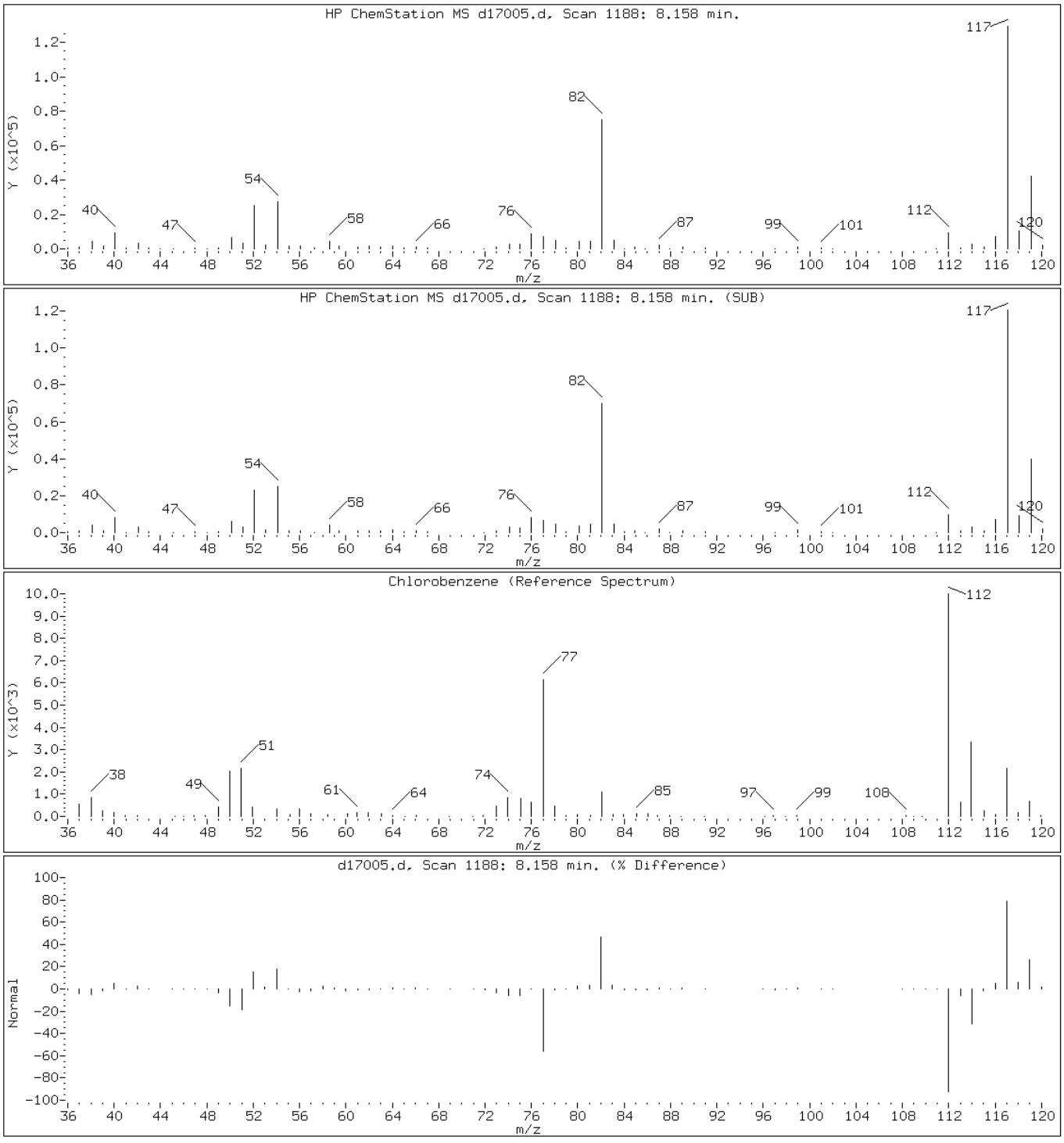
Data File: d17005.d

Date: 08-MAR-2010 11:45

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-18 Operator:

79 Chlorobenzene



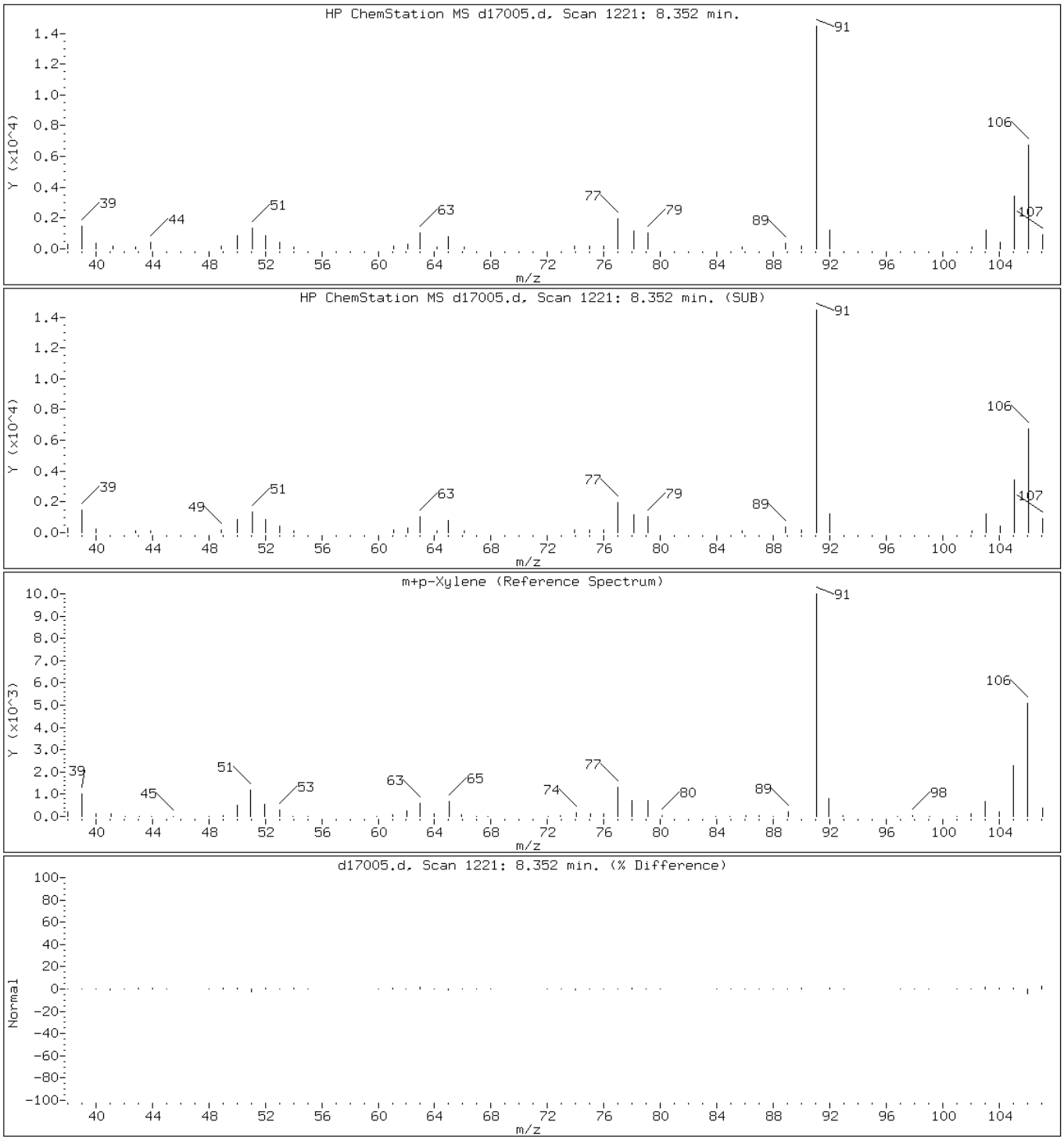
Data File: d17005.d

Date: 08-MAR-2010 11:45

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-18 Operator:

82 m+p-Xylene



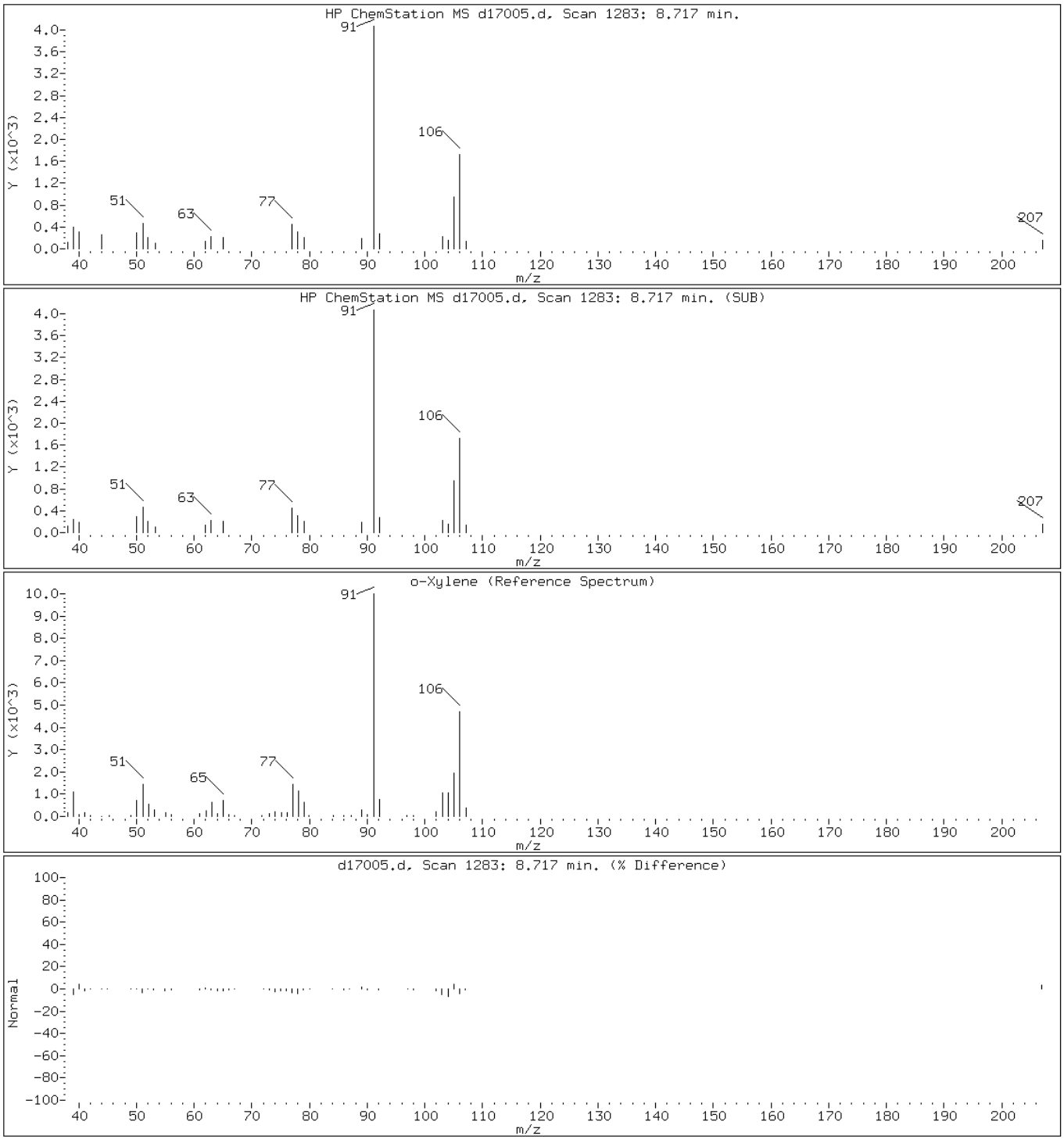
Data File: d17005.d

Date: 08-MAR-2010 11:45

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-18 Operator:

84 o-Xylene



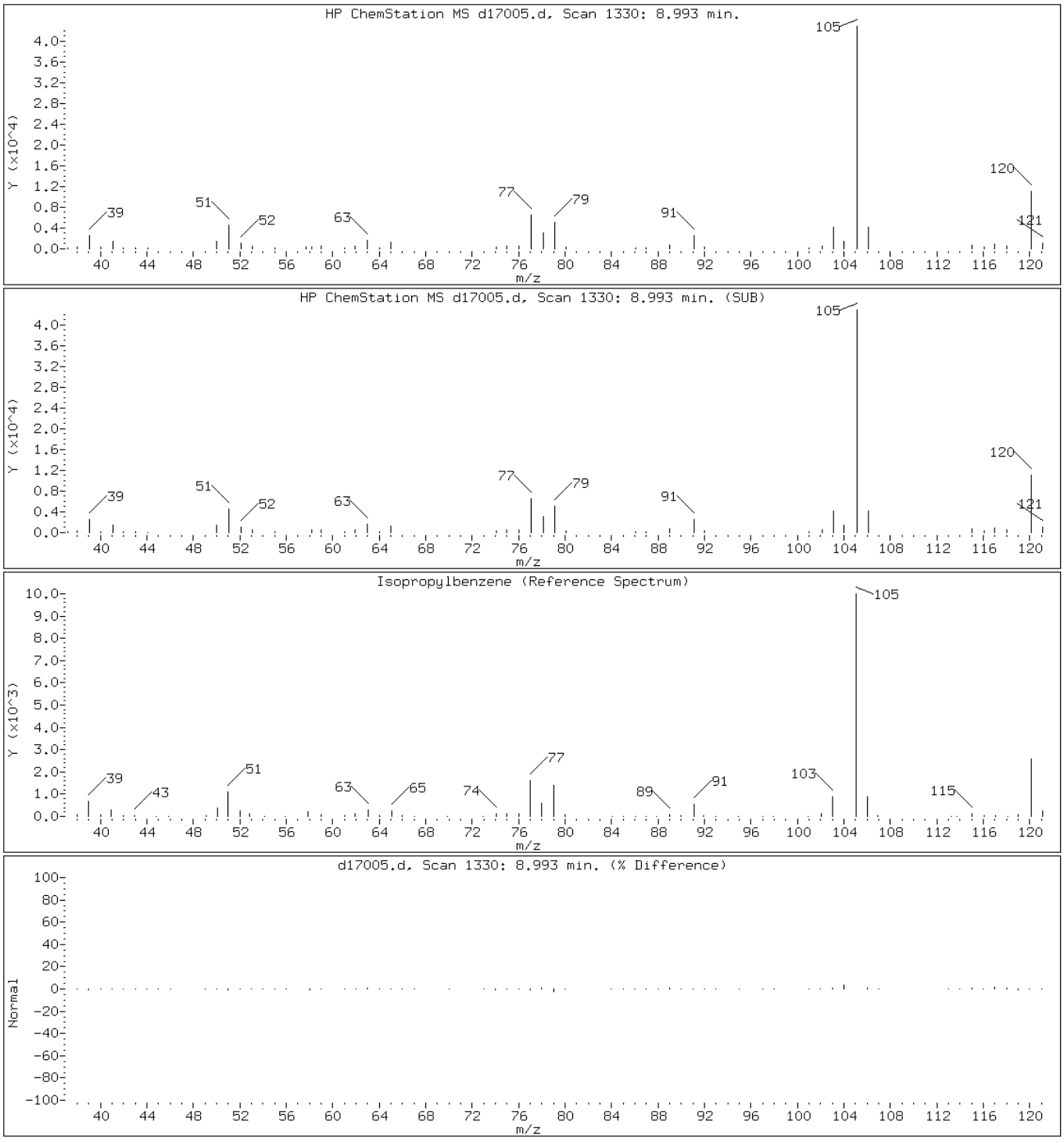
Data File: d17005.d

Date: 08-MAR-2010 11:45

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-18 Operator:

88 Isopropylbenzene



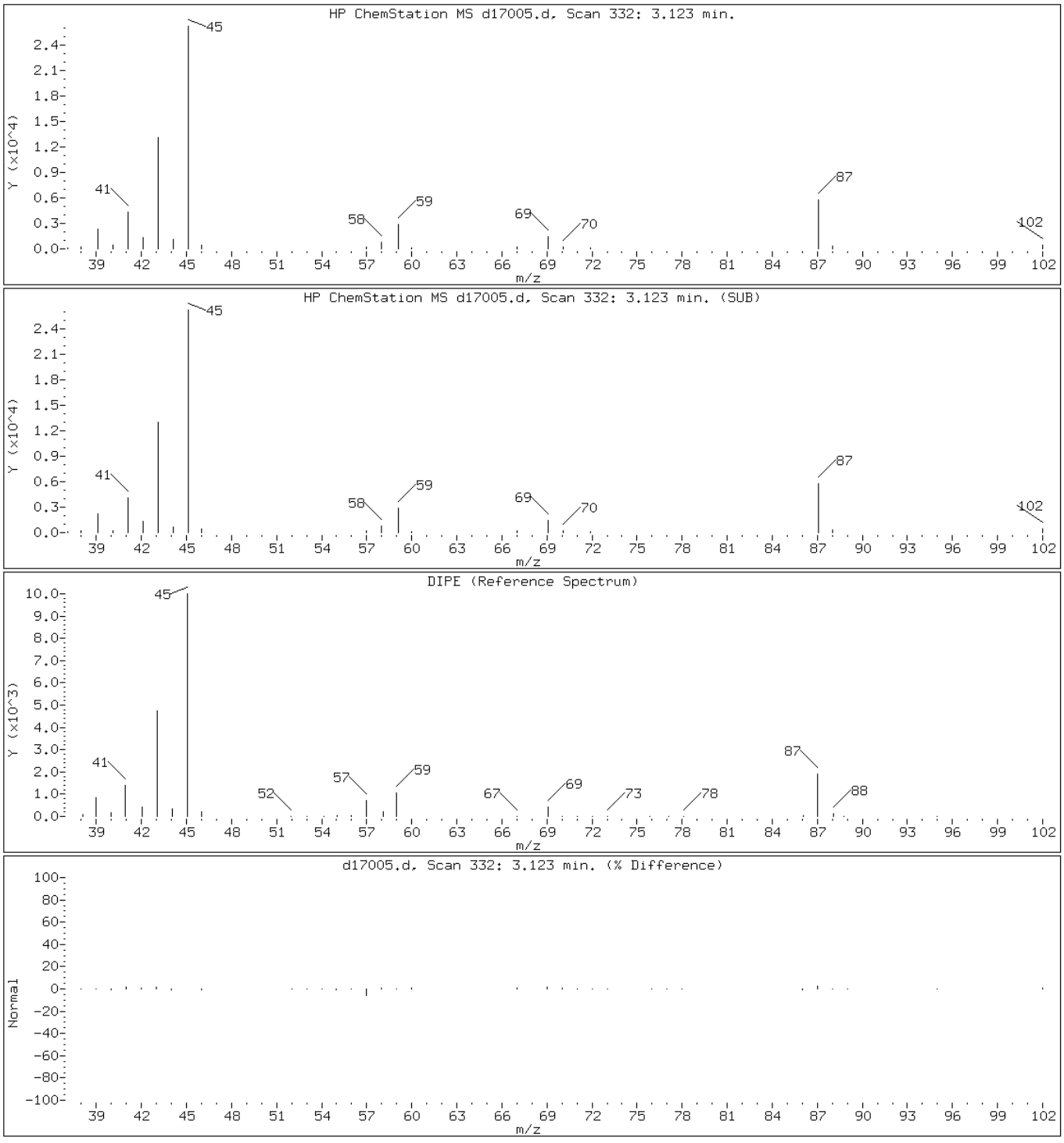
Data File: d17005.d

Date: 08-MAR-2010 11:45

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-18 Operator:

32 DIPE



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-019 Lab Sample ID: 460-10889-19

Matrix: GW Lab File ID: d17008.d

Analysis Method: 8260B Date Collected: 03/03/2010 12:55

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 13:02

Soil Aliquot Vol: Dilution Factor: 50

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	50	U	50	12
75-71-8	Dichlorodifluoromethane	50	U	50	14
74-87-3	Chloromethane	50	U	50	10
75-01-4	Vinyl chloride	50	U	50	6.5
74-83-9	Bromomethane	50	U	50	16
96-12-8	1,2-Dibromo-3-Chloropropane	50	U	50	7.5
95-50-1	1,2-Dichlorobenzene	50	U	50	8.0
75-69-4	Trichlorofluoromethane	50	U	50	8.0
75-35-4	1,1-Dichloroethene	50	U	50	7.0
78-87-5	1,2-Dichloropropane	50	U	50	4.5
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	50	U	50	14
67-64-1	Acetone	93000	E	500	120
75-15-0	Carbon disulfide	50	U	50	7.5
79-20-9	Methyl acetate	100	U	100	16
75-09-2	Methylene Chloride	50	U	50	9.5
156-60-5	trans-1,2-Dichloroethene	50	U	50	7.0
124-48-1	Chlorodibromomethane	50	U	50	5.5
1634-04-4	Methyl tert-butyl ether	630		50	9.0
75-00-3	Chloroethane	50	U *	50	22
75-34-3	1,1-Dichloroethane	50	U	50	5.0
156-59-2	cis-1,2-Dichloroethene	50	U	50	10
78-93-3	2-Butanone (MEK)	500	U	500	41
67-66-3	Chloroform	50	U	50	7.5
100-41-4	Ethylbenzene	19000		50	12
110-82-7	Cyclohexane	50	U	50	6.5
56-23-5	Carbon tetrachloride	50	U	50	9.5
71-43-2	Benzene	1000		50	6.5
107-06-2	1,2-Dichloroethane	50	U	50	12
79-01-6	Trichloroethene	50	U	50	9.0
108-87-2	Methylcyclohexane	50	U	50	4.5
75-27-4	Dichlorobromomethane	50	U	50	4.6
10061-01-5	cis-1,3-Dichloropropene	50	U	50	5.5
108-10-1	4-Methyl-2-pentanone (MIBK)	380	J	500	34
108-88-3	Toluene	120000	E	50	4.5
10061-02-6	trans-1,3-Dichloropropene	50	U	50	6.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-019 Lab Sample ID: 460-10889-19

Matrix: GW Lab File ID: d17008.d

Analysis Method: 8260B Date Collected: 03/03/2010 12:55

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 13:02

Soil Aliquot Vol: Dilution Factor: 50

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	50	U	50	5.0
127-18-4	Tetrachloroethene	50	U	50	10
591-78-6	2-Hexanone	500	U	500	28
106-93-4	1,2-Dibromoethane	50	U	50	4.5
108-90-7	Chlorobenzene	50	U	50	8.0
1330-20-7	Xylenes, Total	32000		150	22
100-42-5	Styrene	50	U	50	6.5
75-25-2	Bromoform	50	U	50	5.0
98-82-8	Isopropylbenzene	22	J	50	10
79-34-5	1,1,2,2-Tetrachloroethane	50	U	50	4.5
541-73-1	1,3-Dichlorobenzene	50	U	50	11
106-46-7	1,4-Dichlorobenzene	50	U	50	7.5
120-82-1	1,2,4-Trichlorobenzene	50	U	50	22

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102	70-122	
460-00-4	4-Bromofluorobenzene	114	69-135	
2037-26-5	Toluene-d8 (Surr)	115	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-019 Lab Sample ID: 460-10889-19

Matrix: GW Lab File ID: d17008.d

Analysis Method: 8260B Date Collected: 03/03/2010 12:55

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 13:02

Soil Aliquot Vol: Dilution Factor: 50

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

Number TICs Found: 1 TIC Result Total: 76000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	
67-63-0	Isopropyl alcohol	2.57	76000	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17008.d
Report Date: 08-Mar-2010 14:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17008.d
Lab Smp Id: 460-10889-C-19 Client Smp ID: GW-017338-030310-RE
Inj Date : 08-MAR-2010 13:02
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-19;50
Misc Info : 460-10889-C-19
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 08-Mar-2010 12:19 desais Quant Type: ISTD
Cal Date : 08-MAR-2010 08:03 Cal File: d16997.d
Als bottle: 13
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	16 Acetone	58	2.641	2.641	(0.552)	898926	1863.02	93000(A)
	19 Isopropanol	45	2.570	2.576	(0.537)	401933	1527.30	76000
	28 MTBE	73	2.817	2.829	(0.588)	109483	12.6957	630
	32 DIPE	45	3.100	3.111	(0.647)	26318	2.27085	110
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.517	4.505	(0.943)	22557	50.8680	51
	48 Benzene	78	4.376	4.376	(0.537)	250481	19.9324	1000
*	52 Fluorobenzene	96	4.788	4.782	(1.000)	499395	50.0000	
	70 4-Methyl-2-Pentanone	43	7.076	7.070	(0.869)	21980	7.64296	380(a)
$	65 Toluene-d8 (SUR)	98	6.529	6.523	(0.801)	495135	57.7206	58
	66 Toluene	91	6.576	6.582	(0.807)	30939600	2438.21	120000(AM)
*	78 Chlorobenzene-d5	117	8.146	8.140	(1.000)	350476	50.0000	
	81 Ethylbenzene	106	8.211	8.205	(1.008)	1556355	370.688	18000
	82 m+p-Xylene	106	8.352	8.346	(1.025)	2245308	433.012	22000
	84 o-Xylene	106	8.723	8.717	(1.071)	1013622	197.690	9900
	88 Isopropylbenzene	105	8.993	8.993	(1.104)	6128	0.43534	22(a)
$	89 Bromofluorobenzene (SUR)	174	9.211	9.205	(0.914)	160565	57.1112	57

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17008.d
Report Date: 08-Mar-2010 14:13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	95 n-Propylbenzene	91	9.334	9.328	(0.926)	4020	0.25131	12(a)
	101 1,2,4-Trimethylbenzene	105	9.793	9.793	(0.971)	2830	0.23425	12(a)
*	108 1,4-Dichlorobenzene-d4	152	10.081	10.081	(1.000)	186544	50.0000	
M	121 Xylene (Total)	100				3258930	630.702	32000

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17008.d
Report Date: 08-Mar-2010 14:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17008.d
Lab Smp Id: 460-10889-C-19 Client Smp ID: GW-017338-030310-RE
Inj Date : 08-MAR-2010 13:02
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-19;50
Misc Info : 460-10889-C-19
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 08-Mar-2010 12:19 desais Quant Type: ISTD
Cal Date : 08-MAR-2010 08:03 Cal File: d16997.d
Als bottle: 13
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

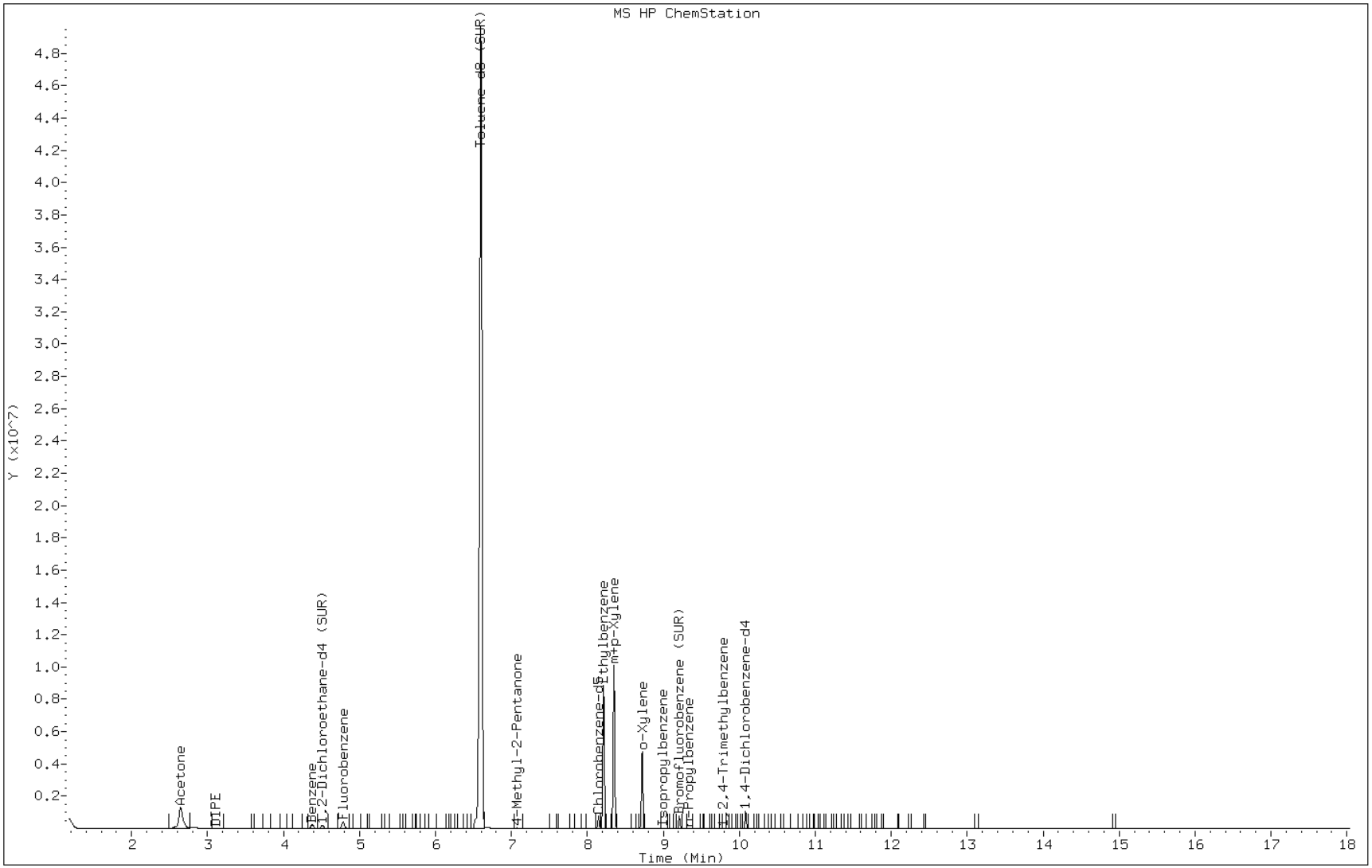
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d17008.d

Date: 08-MAR-2010 13:02

Client ID: GW-017338-030310-RE Instrument: VOAMS4.i

Sample Info: 460-10889-C-19;50 Operator:



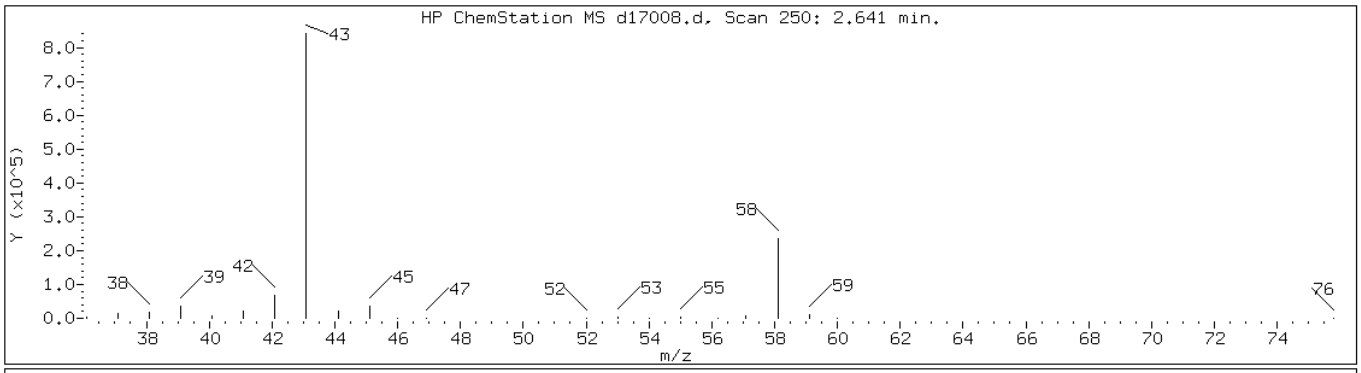
Data File: d17008.d

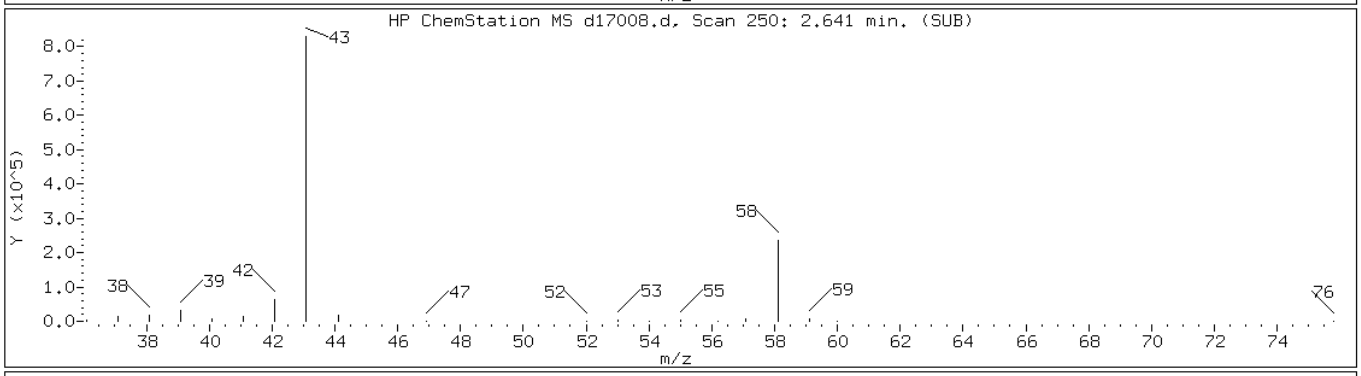
Date: 08-MAR-2010 13:02

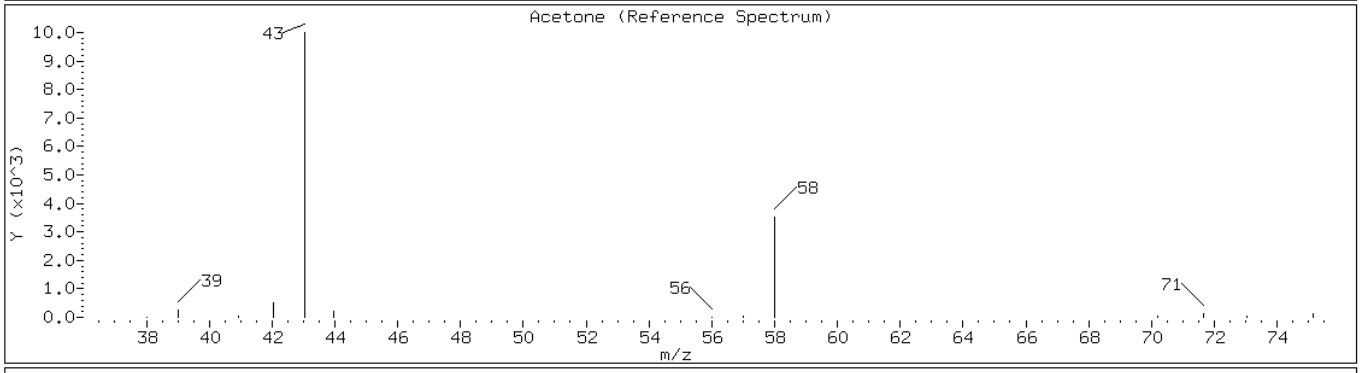
Client ID: GW-017338-030310-RE Instrument: VOAMS4.i

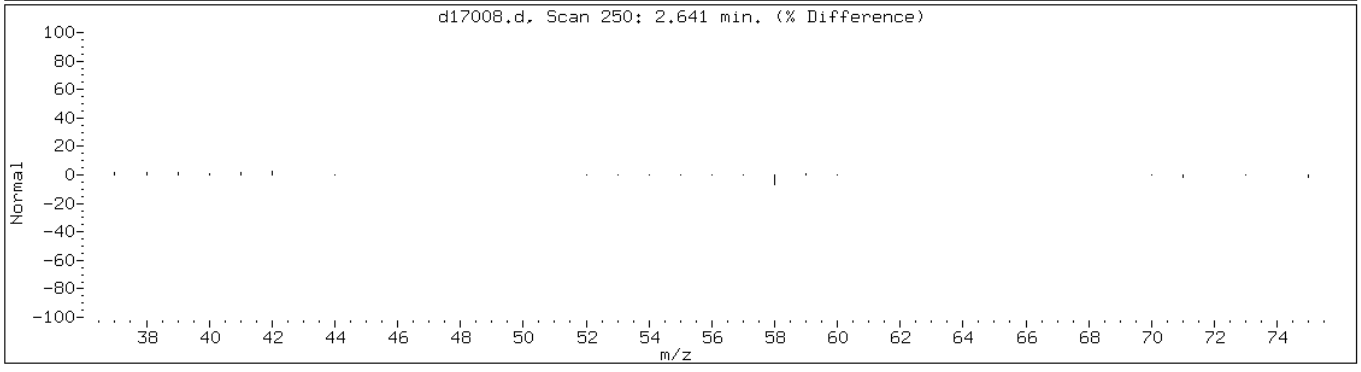
Sample Info: 460-10889-C-19;50 Operator:

16 Acetone









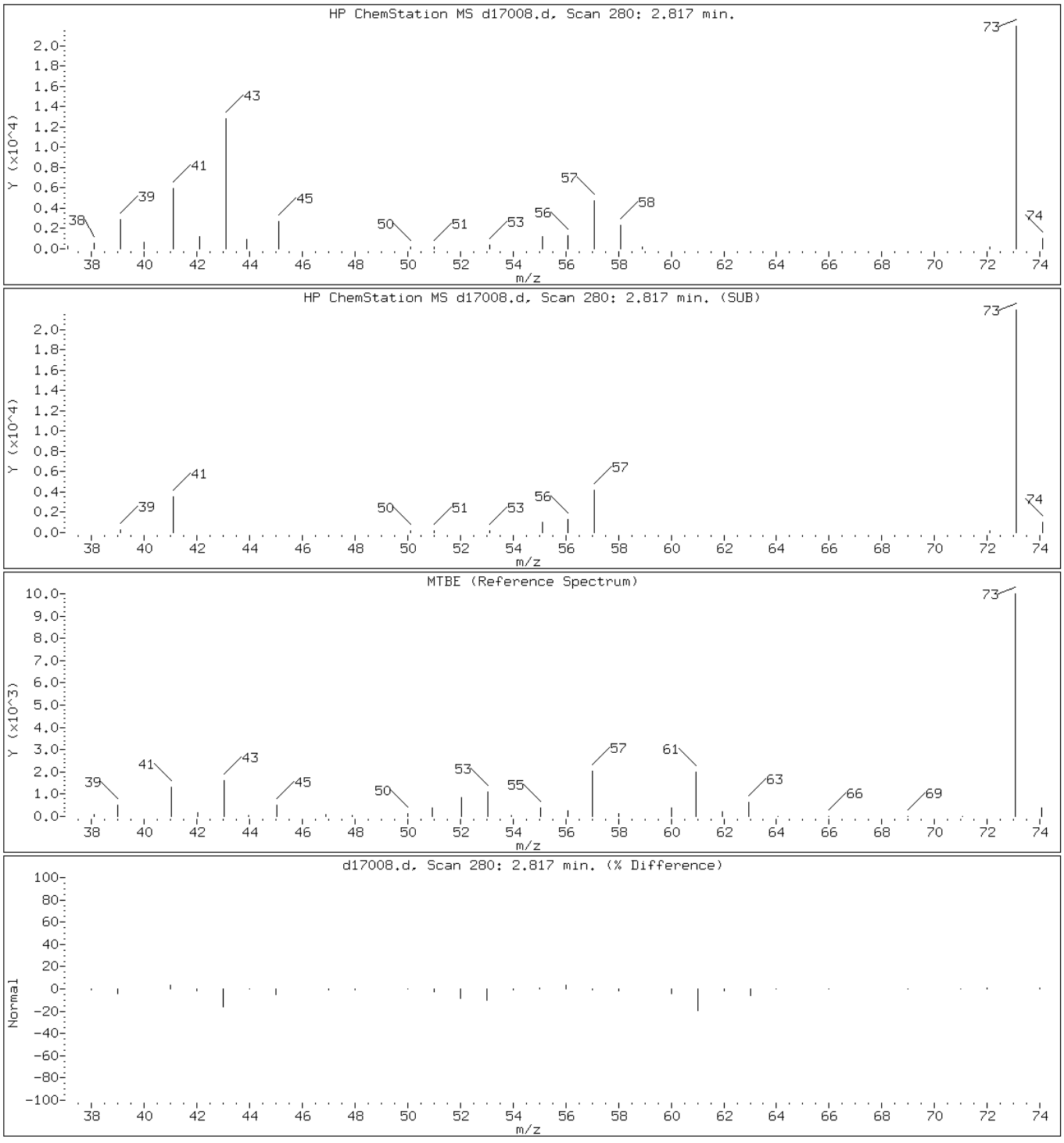
Data File: d17008.d

Date: 08-MAR-2010 13:02

Client ID: GW-017338-030310-RE Instrument: VOAMS4.i

Sample Info: 460-10889-C-19;50 Operator:

28 MTBE



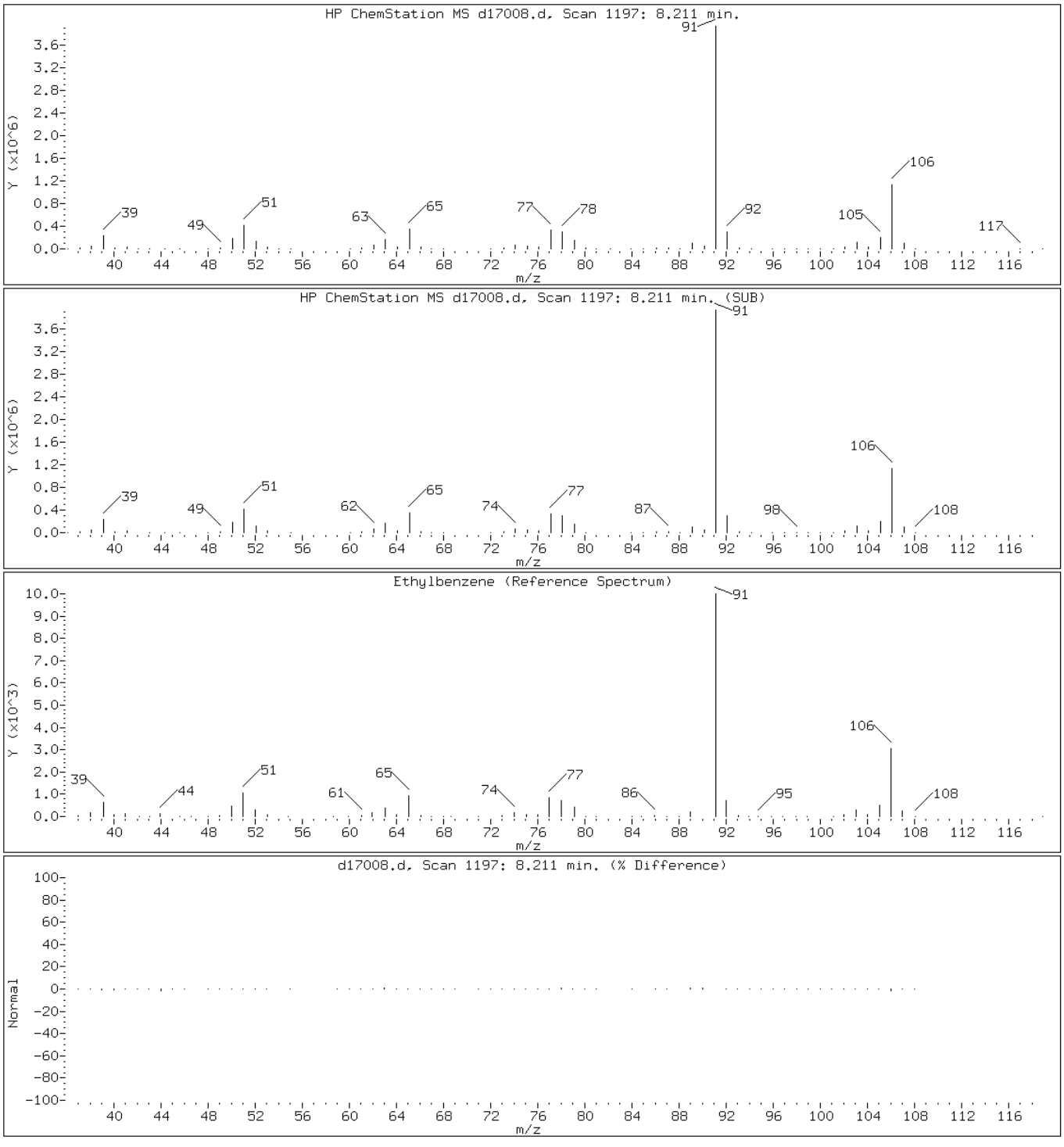
Data File: d17008.d

Date: 08-MAR-2010 13:02

Client ID: GW-017338-030310-RE Instrument: VOAMS4.i

Sample Info: 460-10889-C-19;50 Operator:

81 Ethylbenzene



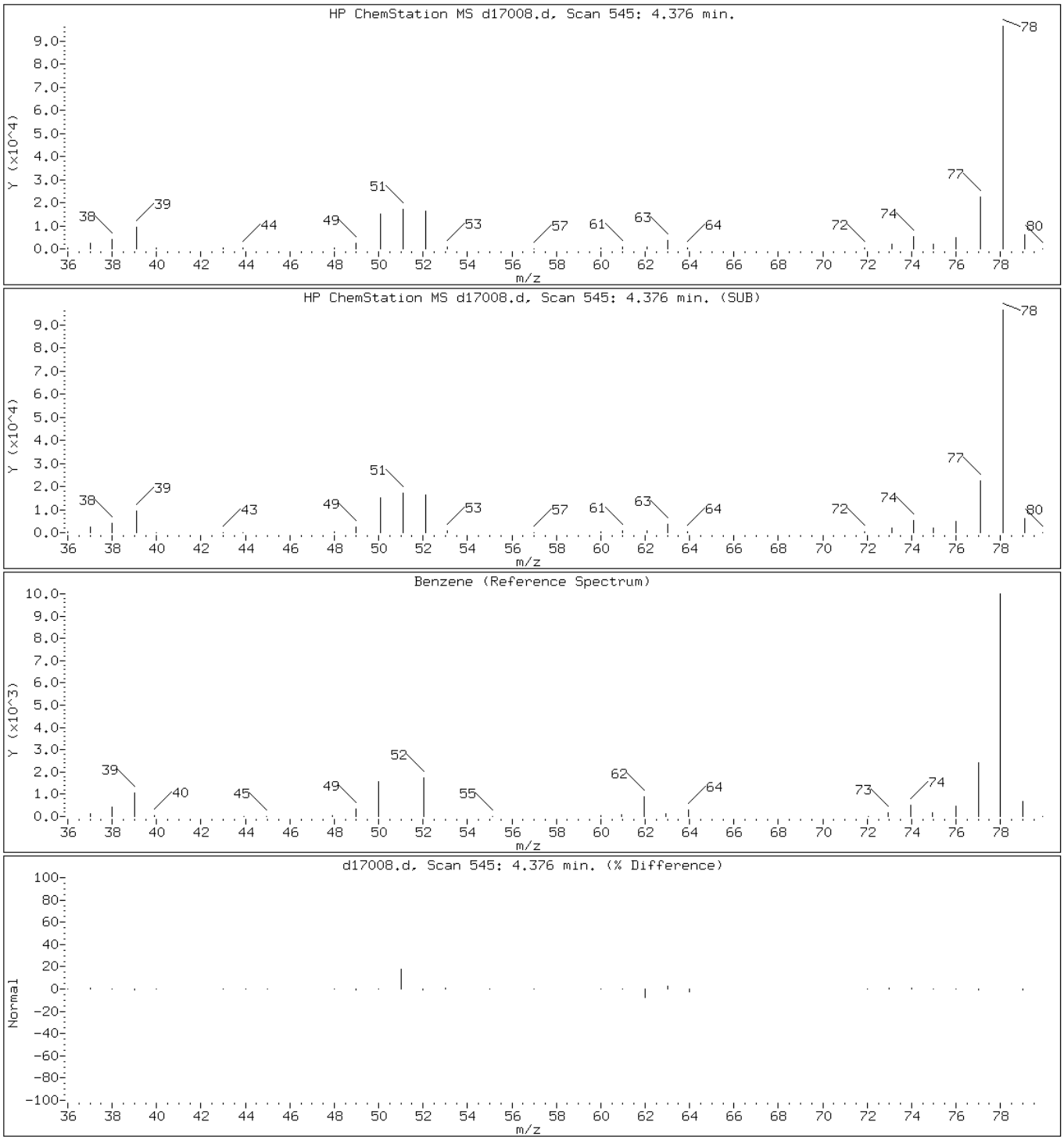
Data File: d17008.d

Date: 08-MAR-2010 13:02

Client ID: GW-017338-030310-RE Instrument: VOAMS4.i

Sample Info: 460-10889-C-19;50 Operator:

48 Benzene



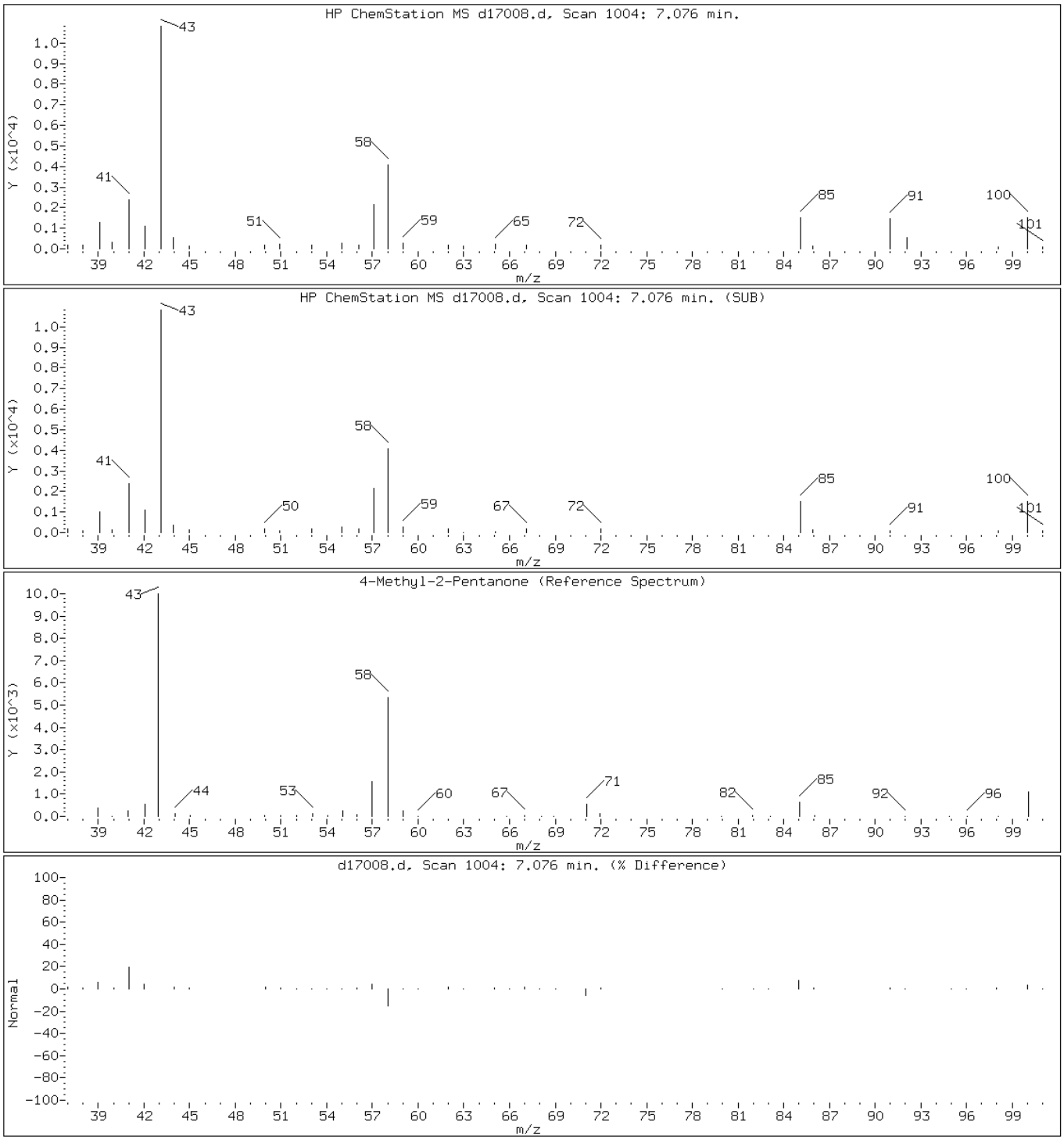
Data File: d17008.d

Date: 08-MAR-2010 13:02

Client ID: GW-017338-030310-RE Instrument: VOAMS4.i

Sample Info: 460-10889-C-19;50 Operator:

70 4-Methyl-2-Pentanone



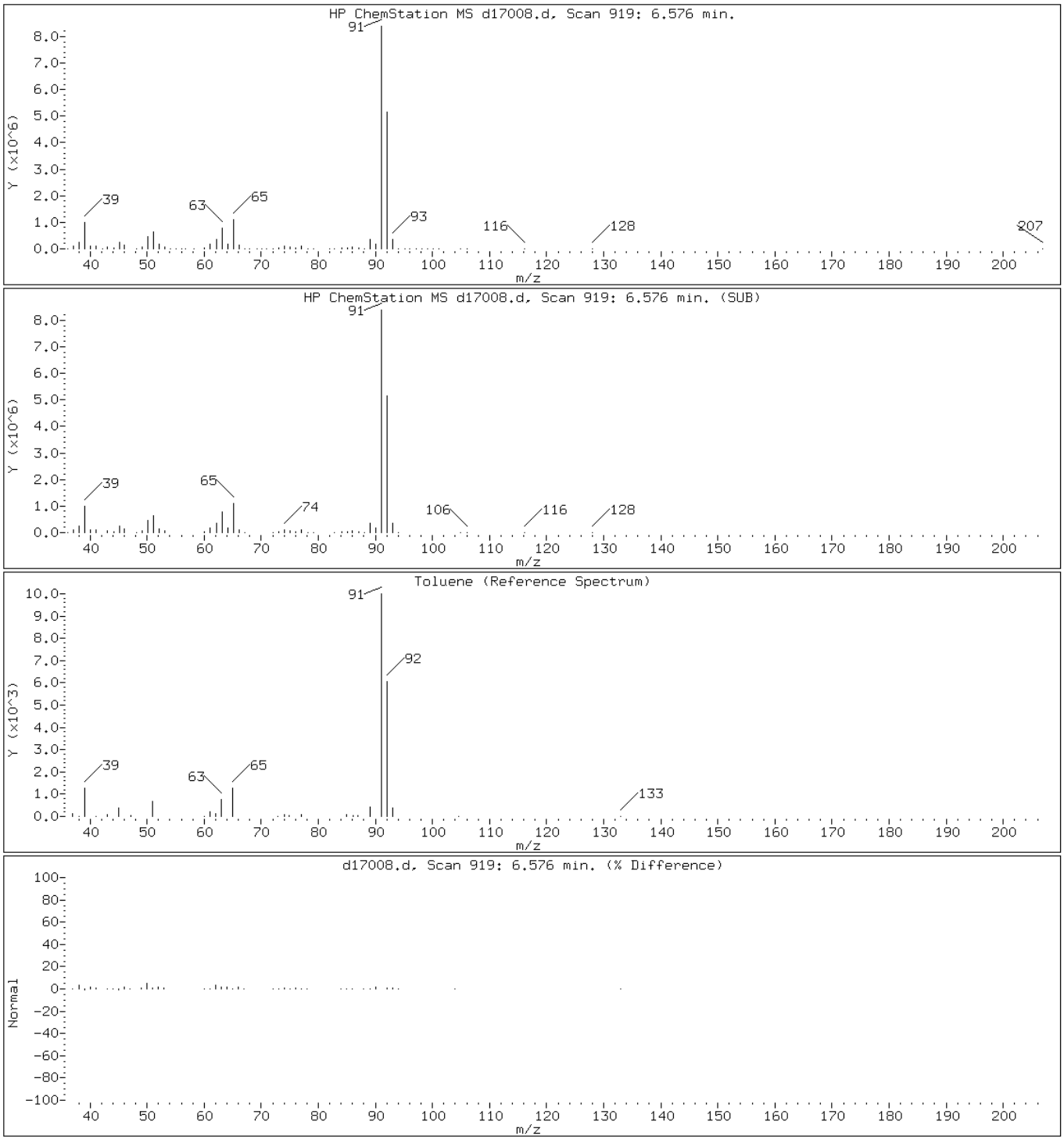
Data File: d17008.d

Date: 08-MAR-2010 13:02

Client ID: GW-017338-030310-RE Instrument: VOAMS4.i

Sample Info: 460-10889-C-19;50 Operator:

66 Toluene



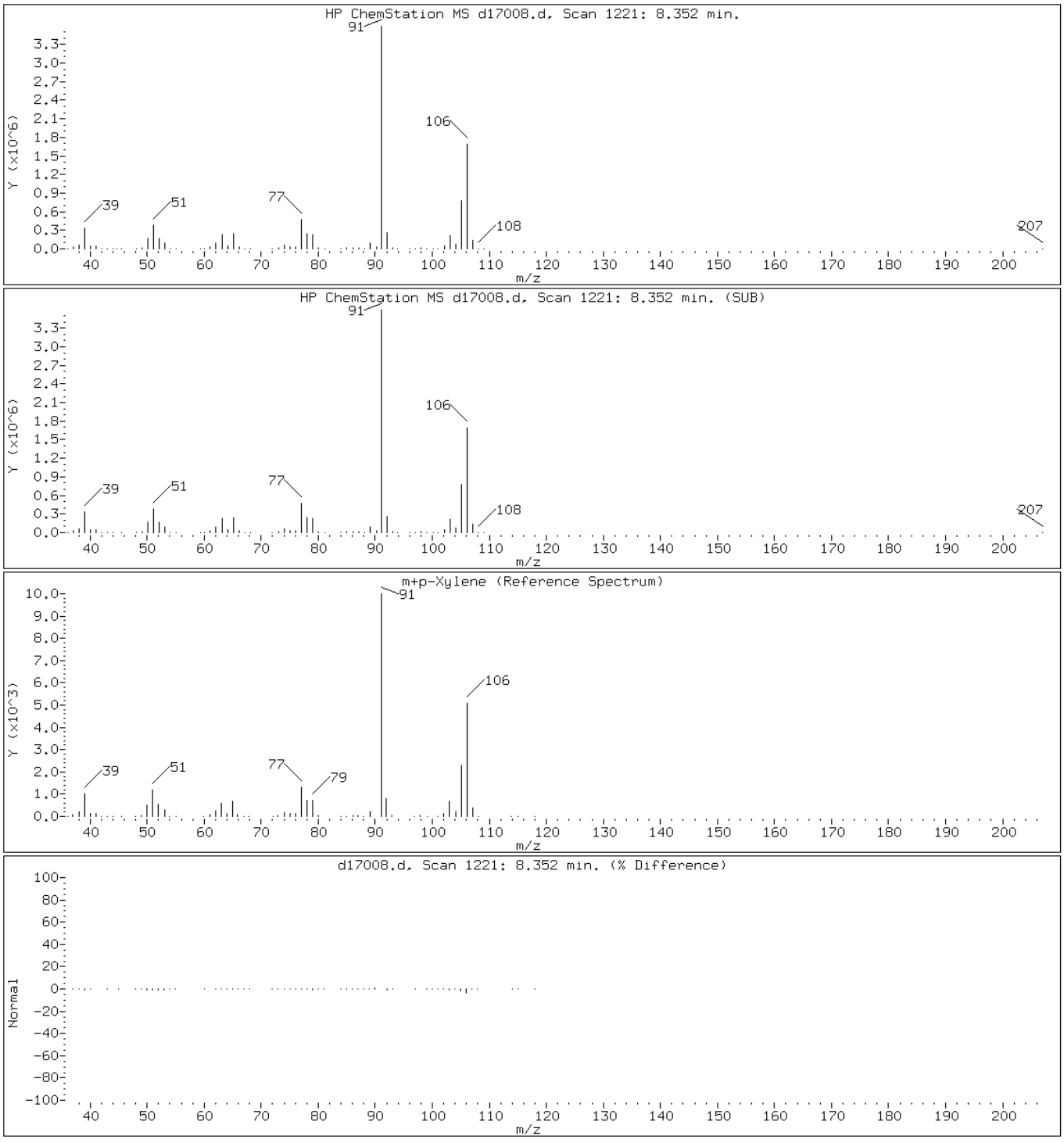
Data File: d17008.d

Date: 08-MAR-2010 13:02

Client ID: GW-017338-030310-RE Instrument: VOAMS4.i

Sample Info: 460-10889-C-19;50 Operator:

82 m+p-Xylene



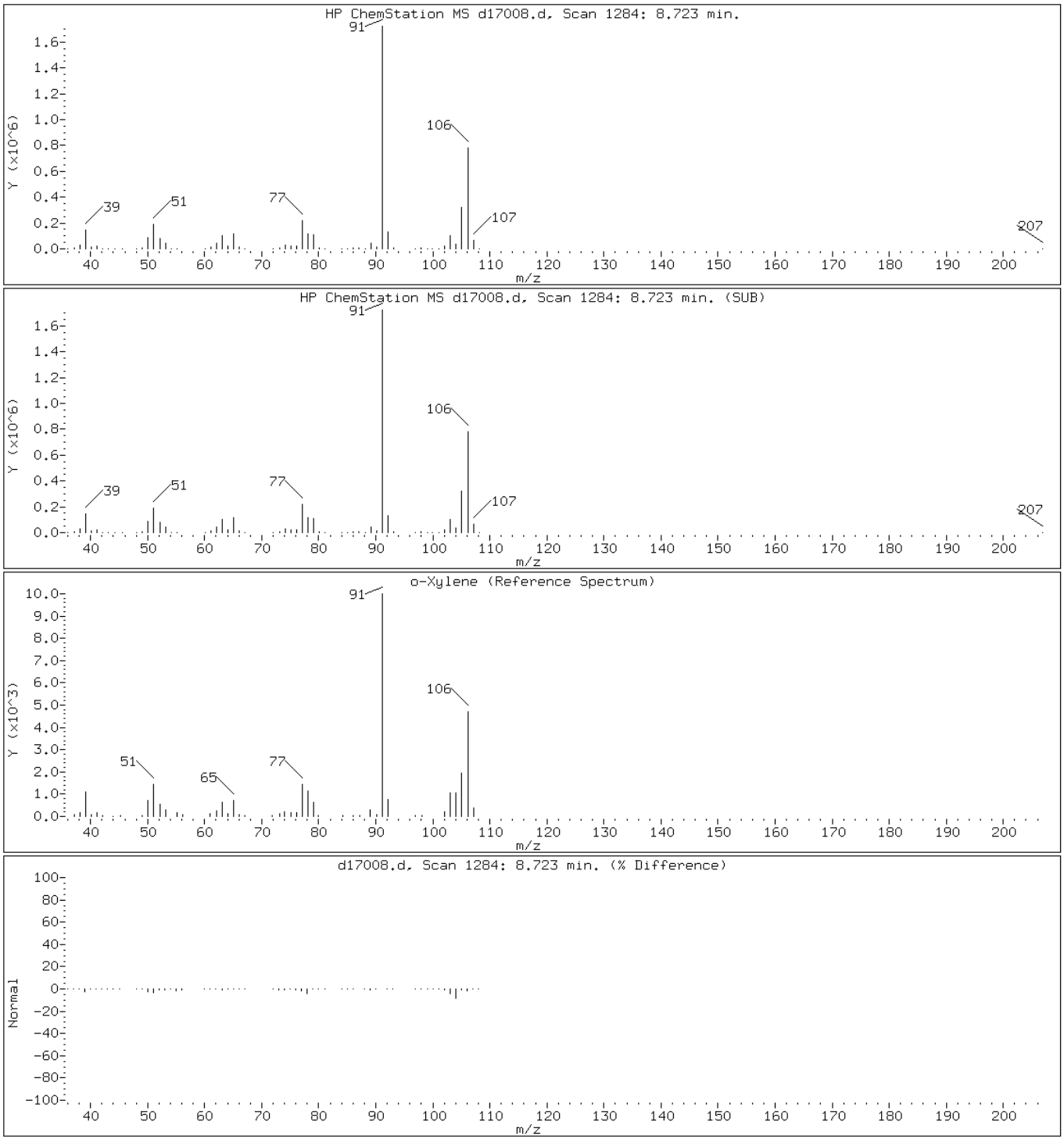
Data File: d17008.d

Date: 08-MAR-2010 13:02

Client ID: GW-017338-030310-RE Instrument: VOAMS4.i

Sample Info: 460-10889-C-19;50 Operator:

84 o-Xylene



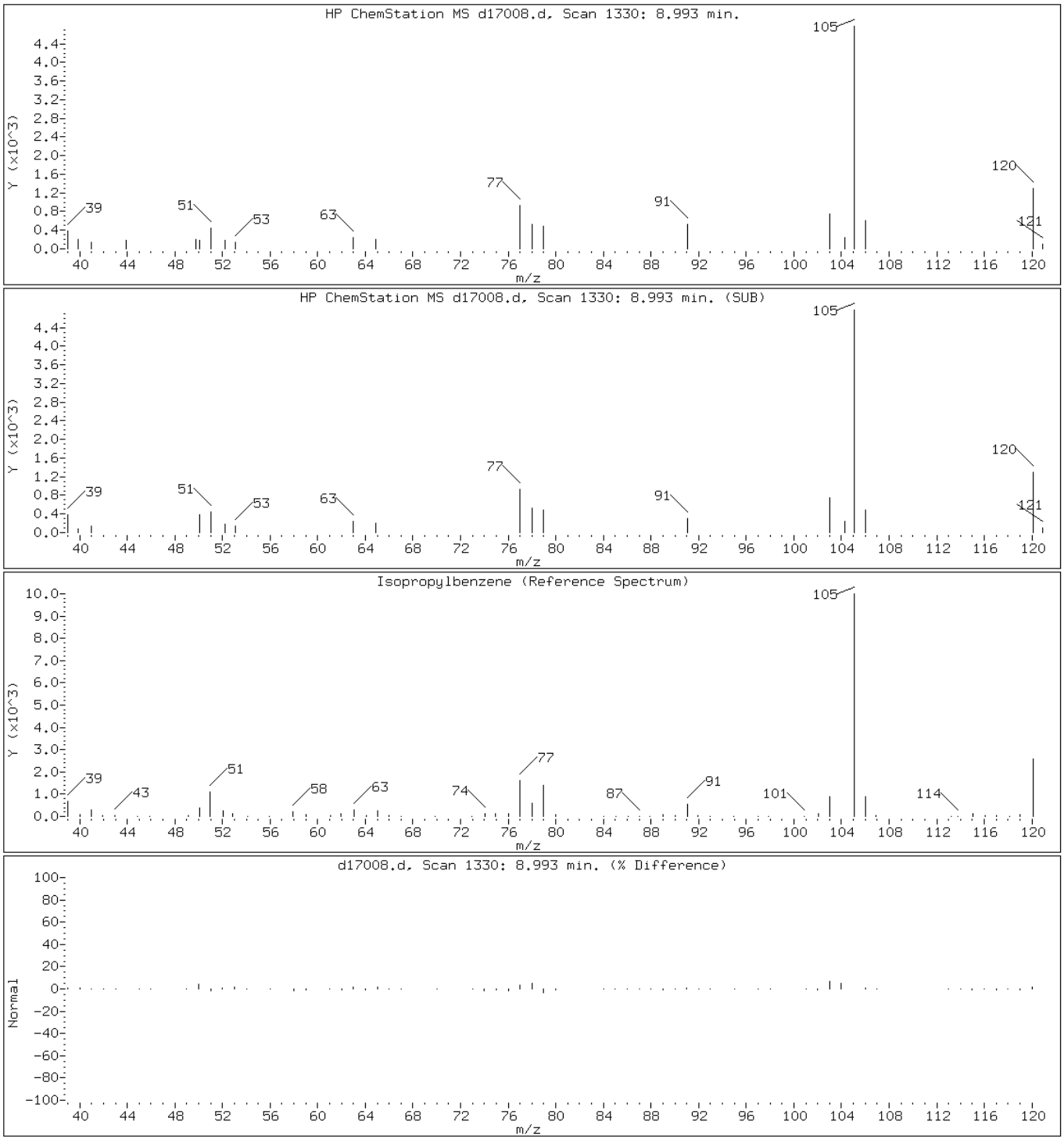
Data File: d17008.d

Date: 08-MAR-2010 13:02

Client ID: GW-017338-030310-RE Instrument: VOAMS4.i

Sample Info: 460-10889-C-19;50 Operator:

88 Isopropylbenzene



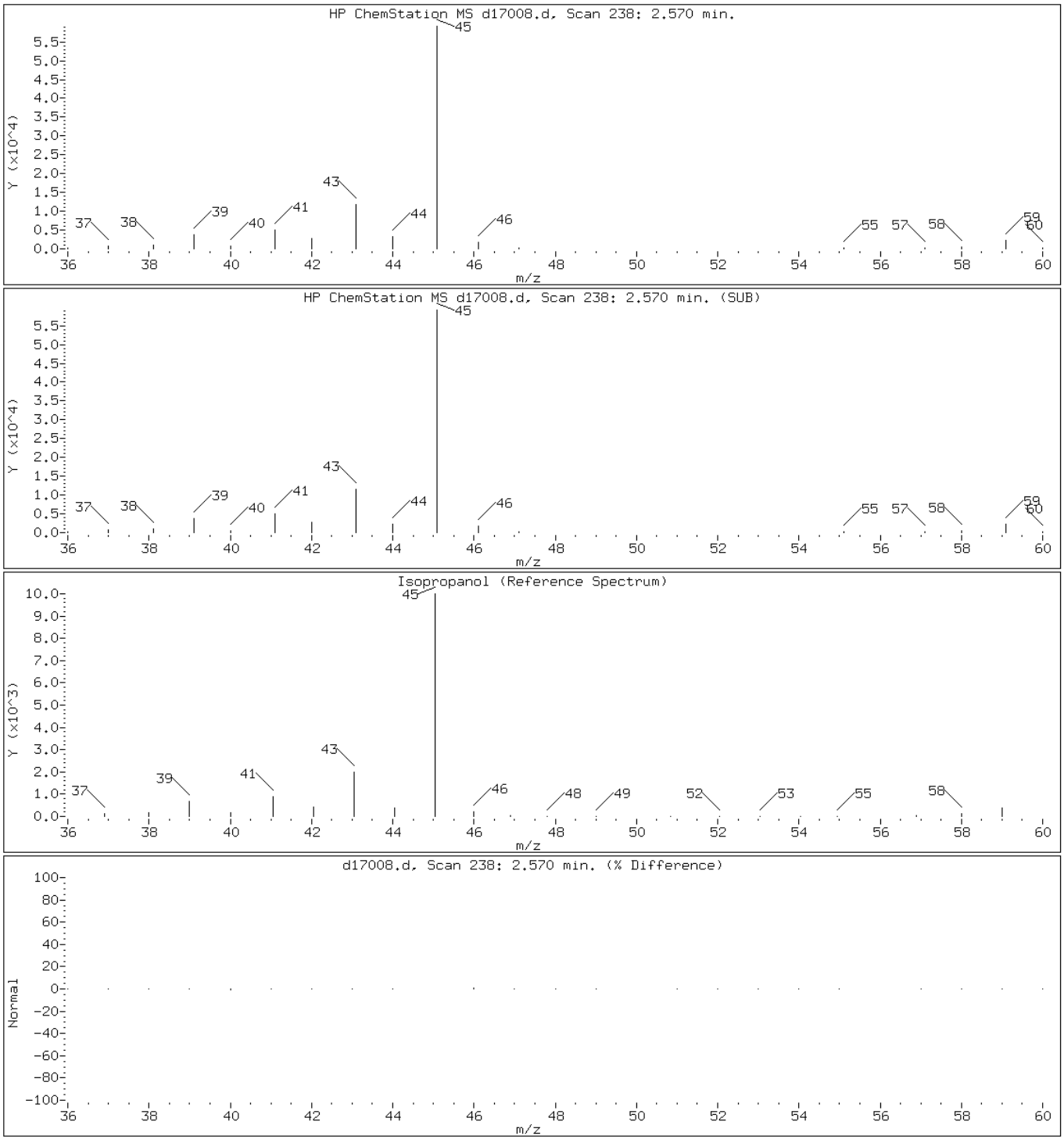
Data File: d17008.d

Date: 08-MAR-2010 13:02

Client ID: GW-017338-030310-RE Instrument: VOAMS4.i

Sample Info: 460-10889-C-19;50 Operator:

19 Isopropanol



Manual Integration Report

Data File: d17008.d
Inj. Date and Time: 08-MAR-2010 13:02
Instrument ID: VOAMS4.i
Client ID: GW-017338-030310-RE
Compound: 66 Toluene
CAS #: 108-88-3
Report Date: 03/08/2010

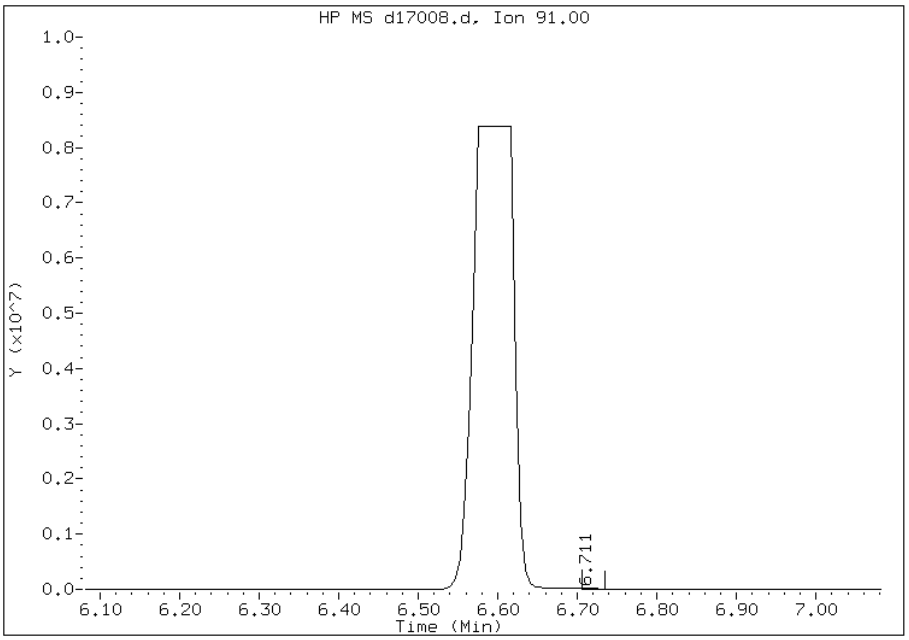
Processing Integration Results

RT: 6.71

Response: 13761

Amount: 1

Conc: 54



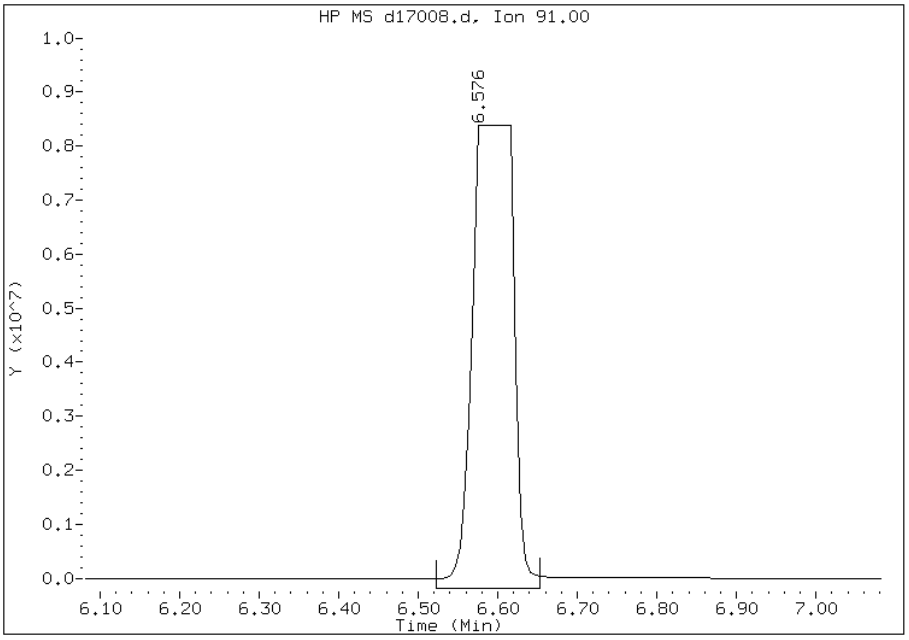
Manual Integration Results

RT: 6.58

Response: 30939600

Amount: 2438

Conc: 121910



Manually Integrated By: desais
Manual Integration Reason:

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-019 Lab Sample ID: 460-10889-19 DL

Matrix: GW Lab File ID: d17007.d

Analysis Method: 8260B Date Collected: 03/03/2010 12:55

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 12:33

Soil Aliquot Vol: Dilution Factor: 1000

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	96000		10000	2500
108-88-3	Toluene	170000		1000	90

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100	70-122	
460-00-4	4-Bromofluorobenzene	98	69-135	
2037-26-5	Toluene-d8 (Surr)	98	69-125	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17007.d
Report Date: 11-Mar-2010 11:35

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17007.d
Lab Smp Id: 460-10889-C-19D1 Client Smp ID: GW-017338-030310-RE
Inj Date : 08-MAR-2010 12:33
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-19D1;1000
Misc Info : 460-10889-C-19D1
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 11-Mar-2010 11:20 vibha Quant Type: ISTD
Cal Date : 08-MAR-2010 08:03 Cal File: d16997.d
Als bottle: 12
Dil Factor: 1000.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1000.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	16 Acetone	58	2.658	2.641	(0.555)	44726	96.2028	96000
	19 Isopropanol	45	2.599	2.576	(0.543)	20710	72.2517	72000(a)
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.511	4.505	(0.942)	23051	50.1755	50
	48 Benzene	78	4.382	4.376	(0.538)	11979	0.93992	940(a)
*	52 Fluorobenzene	96	4.788	4.782	(1.000)	501672	50.0000	
$	65 Toluene-d8 (SUR)	98	6.529	6.523	(0.801)	457626	49.0422	49
	66 Toluene	91	6.587	6.582	(0.809)	2229183	173.702	170000
*	78 Chlorobenzene-d5	117	8.146	8.140	(1.000)	357788	50.0000	
	81 Ethylbenzene	106	8.211	8.205	(1.008)	68955	16.7253	17000
	82 m+p-Xylene	106	8.352	8.346	(1.025)	99265	19.1395	19000
	84 o-Xylene	106	8.723	8.717	(1.071)	42983	8.23585	8200
$	89 Bromofluorobenzene (SUR)	174	9.211	9.205	(0.914)	160860	49.2231	49
*	108 1,4-Dichlorobenzene-d4	152	10.081	10.081	(1.000)	199799	50.0000	
M	121 Xylene (Total)	100				142248	27.3754	27000

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17007.d
Report Date: 11-Mar-2010 11:35

QC Flag Legend

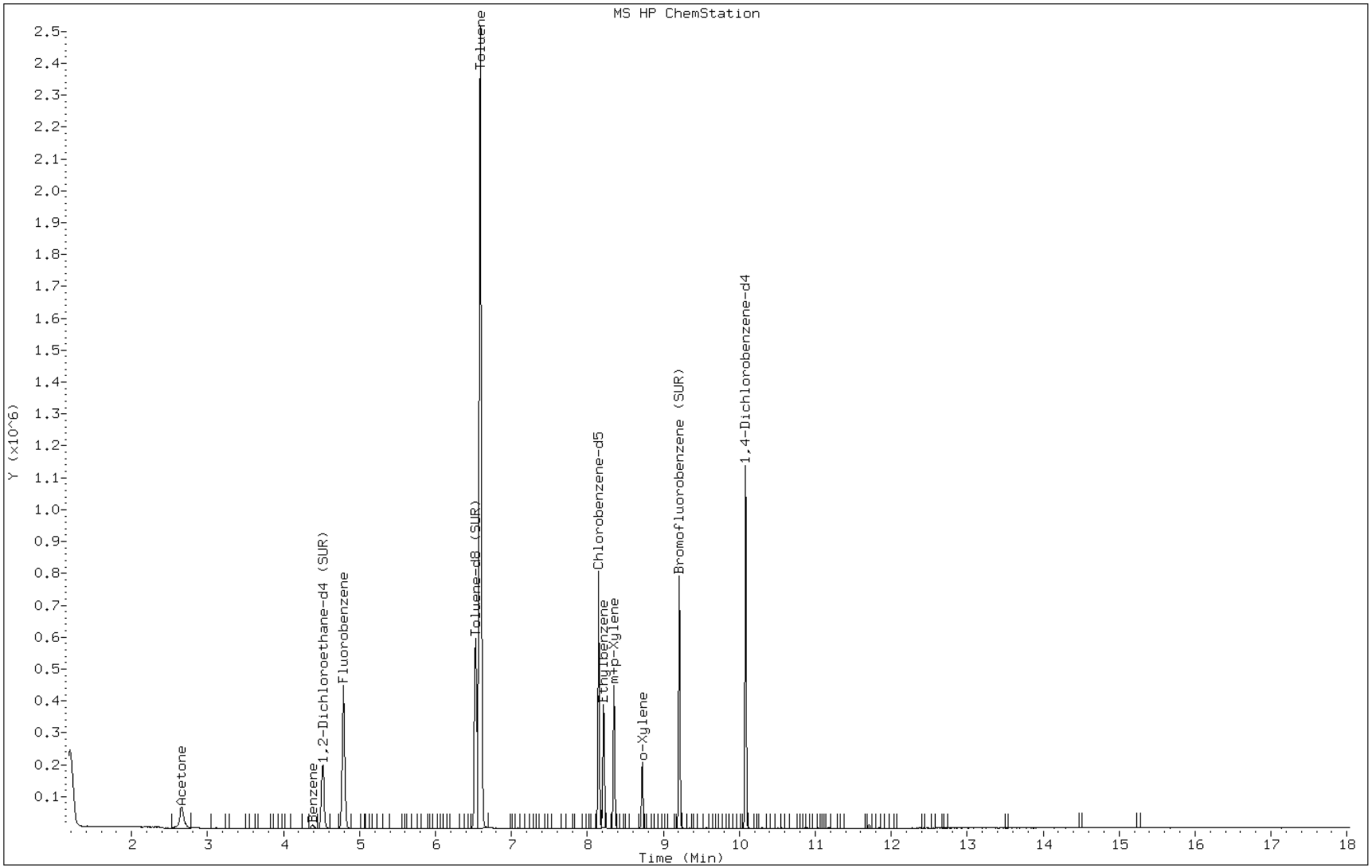
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d17007.d

Date: 08-MAR-2010 12:33

Client ID: GW-017338-030310-RE Instrument: VOAMS4.i

Sample Info: 460-10889-C-19D1;1000 Operator:



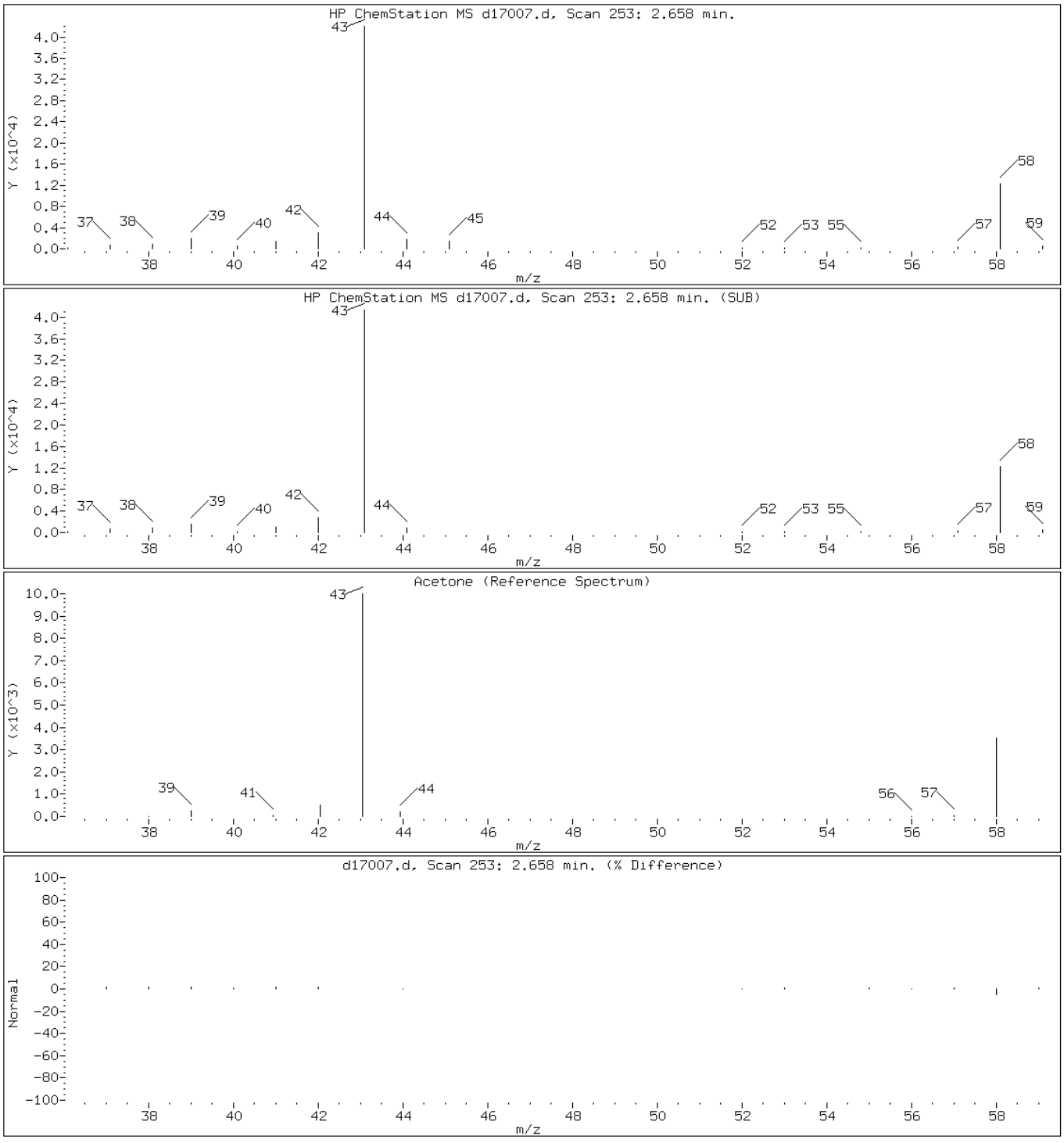
Data File: d17007.d

Date: 08-MAR-2010 12:33

Client ID: GW-017338-030310-RE Instrument: VOAMS4.i

Sample Info: 460-10889-C-19D1;1000 Operator:

16 Acetone



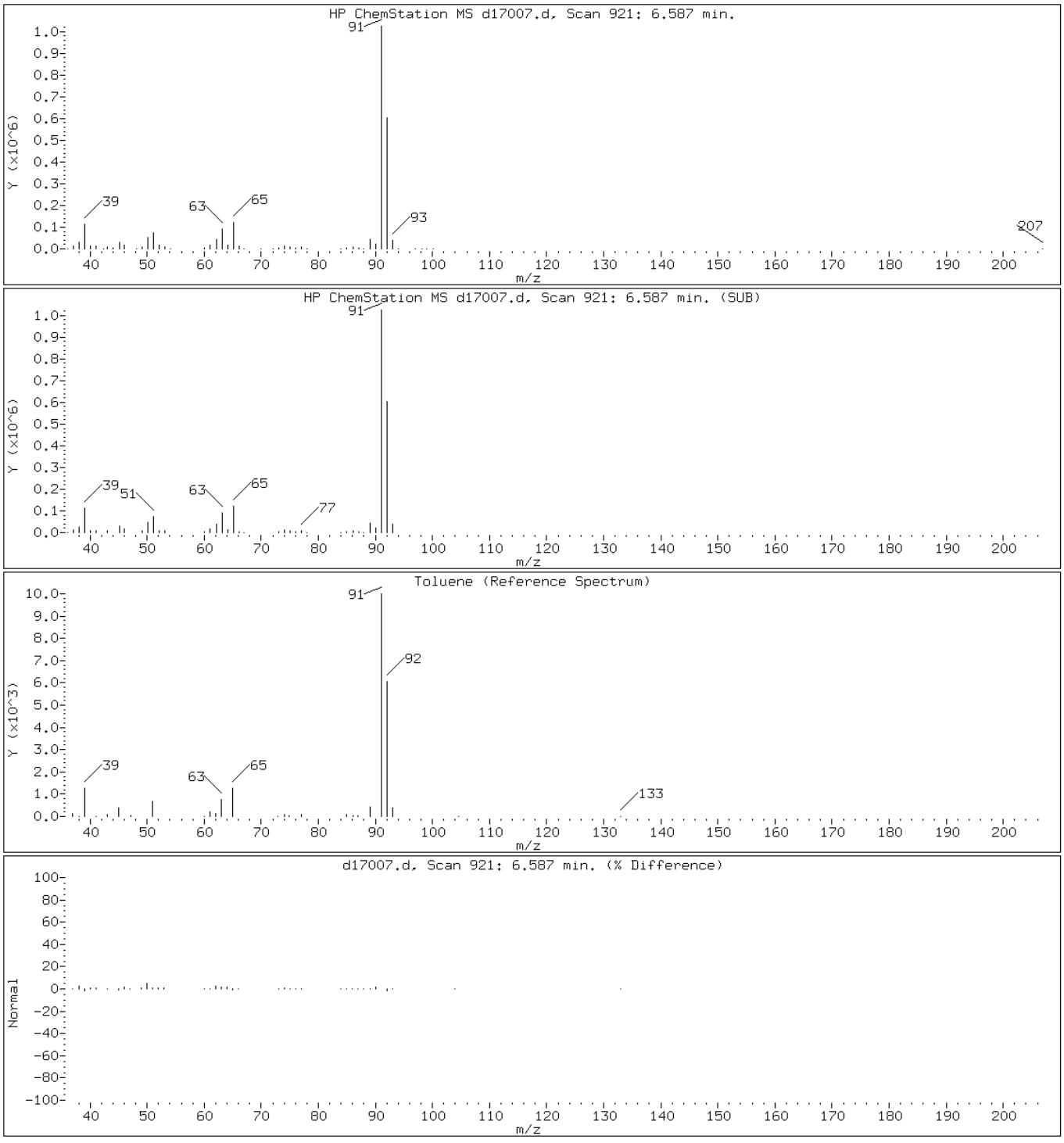
Data File: d17007.d

Date: 08-MAR-2010 12:33

Client ID: GW-017338-030310-RE Instrument: VOAMS4.i

Sample Info: 460-10889-C-19D1;1000 Operator:

66 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-020 Lab Sample ID: 460-10889-20

Matrix: GW Lab File ID: d17011.d

Analysis Method: 8260B Date Collected: 03/03/2010 13:40

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 14:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10		10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	320		1.0	0.18
75-00-3	Chloroethane	1.0	U *	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	5.7	J	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	3000	E	1.0	0.25
110-82-7	Cyclohexane	5.4		1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	330		1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.1		1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	1.2	J	10	0.68
108-88-3	Toluene	1500	E	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-020 Lab Sample ID: 460-10889-20

Matrix: GW Lab File ID: d17011.d

Analysis Method: 8260B Date Collected: 03/03/2010 13:40

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 14:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	0.65	J	1.0	0.16
1330-20-7	Xylenes, Total	4100	E	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	7.2		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94	70-122	
460-00-4	4-Bromofluorobenzene	99	69-135	
2037-26-5	Toluene-d8 (Surr)	96	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-020 Lab Sample ID: 460-10889-20

Matrix: GW Lab File ID: d17011.d

Analysis Method: 8260B Date Collected: 03/03/2010 13:40

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 14:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

Number TICs Found: 6 TIC Result Total: 57.2

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	1.49	5.6	T J
108-20-3	Isopropyl ether	3.12	14	
994-05-08	Tert-amyl methyl ether	4.52	16	
	C7H14O Ketone	7.79	6.0	T J
	Ethylmethylbenzene isomer	9.42	6.5	T J
496-11-7	Indane	10.22	9.1	T J N

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17011.d
Report Date: 08-Mar-2010 19:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17011.d
Lab Smp Id: 460-10889-B-20 Client Smp ID: GW-017338-030310-AC
Inj Date : 08-MAR-2010 14:14
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-B-20
Misc Info : 460-10889-B-20
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 08-Mar-2010 19:14 eddie Quant Type: ISTD
Cal Date : 08-MAR-2010 17:53 Cal File: d17020.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	16 Acetone	58	2.658	2.647	(0.555)	6396	10.4089	10
	28 MTBE	73	2.847	2.823	(0.594)	3784168	316.894	320
	32 DIPE	45	3.123	3.117	(0.652)	209945	13.7364	14
	38 2-Butanone	72	4.164	4.152	(0.869)	4207	5.68718	5.7(a)
	44 Cyclohexane	56	3.799	3.794	(0.793)	34859	5.44747	5.4
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.523	4.511	(0.944)	22836	47.2227	47
	48 Benzene	78	4.388	4.382	(0.538)	4780506	328.687	330
	50 t-Amyl-methyl-ether	73	4.523	4.517	(0.944)	204277	16.3621	16
*	52 Fluorobenzene	96	4.793	4.788	(1.000)	528049	50.0000	
	56 Methyl cyclohexane	83	4.952	4.935	(1.033)	7538	1.09069	1.1
	70 4-Methyl-2-Pentanone	43	7.082	7.082	(0.869)	5939	1.16497	1.2(a)
$	65 Toluene-d8 (SUR)	98	6.540	6.529	(0.802)	512321	48.1106	48
	66 Toluene	91	6.593	6.587	(0.809)	22265658	1520.32	1500(A)
*	78 Chlorobenzene-d5	117	8.152	8.146	(1.000)	408306	50.0000	
	79 Chlorobenzene	112	8.164	8.164	(1.001)	5821	0.64930	0.65(a)
	81 Ethylbenzene	106	8.223	8.211	(1.009)	13926657	2960.01	3000(A)

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17011.d
Report Date: 08-Mar-2010 19:29

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	82 m+p-Xylene	106	8.358	8.352	(1.025)	22625509	3822.72	3800(A)
	84 o-Xylene	106	8.723	8.723	(1.070)	1725226	289.664	290
	88 Isopropylbenzene	105	8.999	8.993	(1.104)	115709	7.20002	7.2(H)
$	89 Bromofluorobenzene (SUR)	174	9.211	9.211	(0.913)	177145	49.3298	49
	95 n-Propylbenzene	91	9.334	9.334	(0.925)	53416	2.84931	2.8
	97 1,3,5-Trimethylbenzene	105	9.499	9.499	(0.942)	21307	1.60388	1.6
	101 1,2,4-Trimethylbenzene	105	9.799	9.799	(0.971)	45724	3.26640	3.3
*	108 1,4-Dichlorobenzene-d4	152	10.087	10.081	(1.000)	219550	50.0000	
	116 Naphthalene	128	11.711	11.711	(1.161)	19767	1.41581	1.4(H)
M	121 Xylene (Total)	100				24350735	4112.38	4100

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17011.d
Report Date: 08-Mar-2010 19:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17011.d
Lab Smp Id: 460-10889-B-20 Client Smp ID: GW-017338-030310-AC
Inj Date : 08-MAR-2010 14:14
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-B-20
Misc Info : 460-10889-B-20
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 08-Mar-2010 19:14 eddie Quant Type: ISTD
Cal Date : 08-MAR-2010 17:53 Cal File: d17020.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 52 Fluorobenzene	4.793	1182404	50.000
* 78 Chlorobenzene-d5	8.152	1340931	50.000
* 108 1,4-Dichlorobenzene-d4	10.087	1410577	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown					CAS #:		
1.494	132668	5.61010872	5.6	0		0	52
C7H14O Ketone					CAS #:		
7.787	162137	6.04568798	6.0	0		0	78

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17011.d
Report Date: 08-Mar-2010 19:29

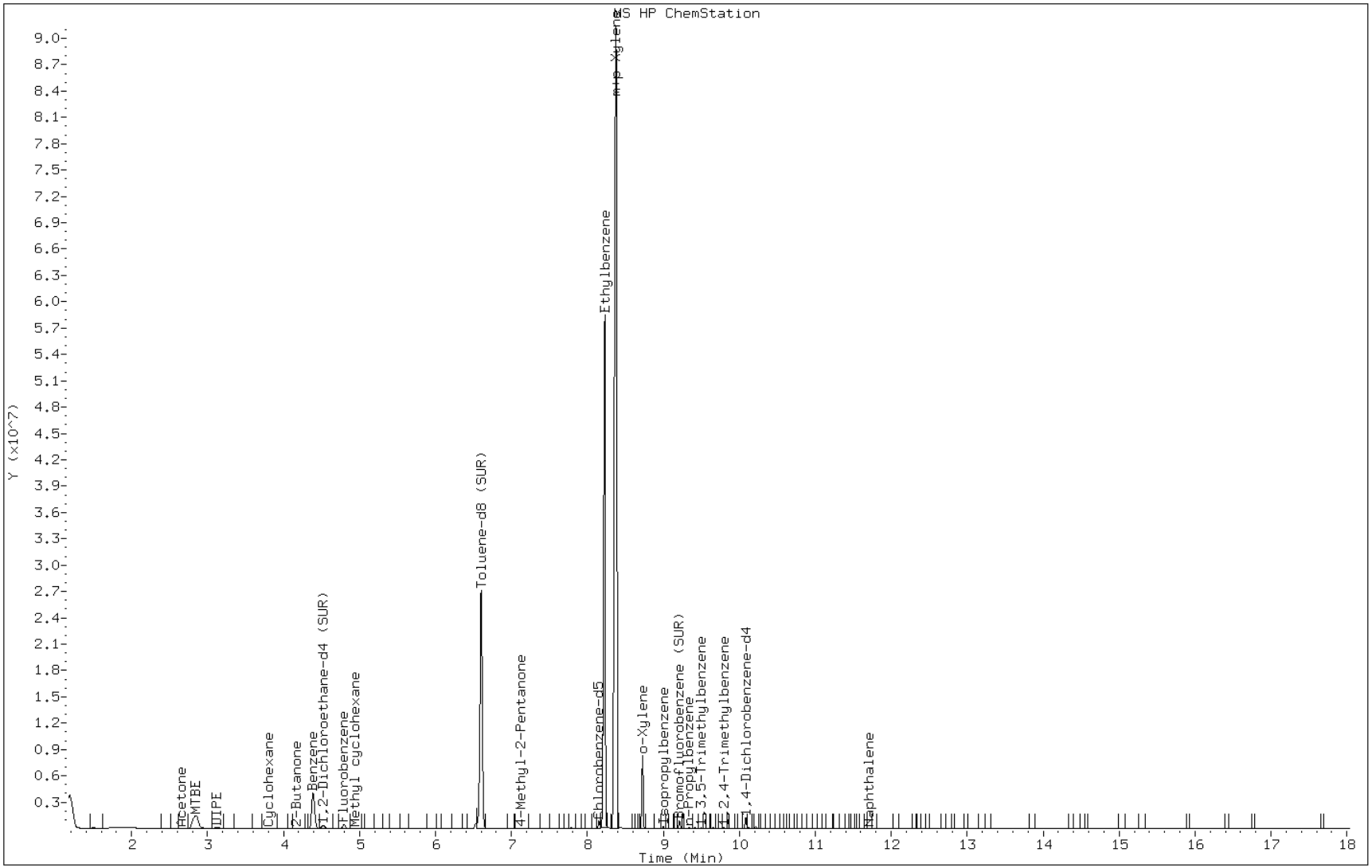
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Ethylmethylbenzene isomer					CAS #:		
9.417	183102	6.49030961	6.5	0		0	108
Indane					CAS #: 496-11-7		
10.223	258124	9.14959550	9.1	95	NIST02.l	8676	108

Data File: d17011.d

Date: 08-MAR-2010 14:14

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20 Operator:



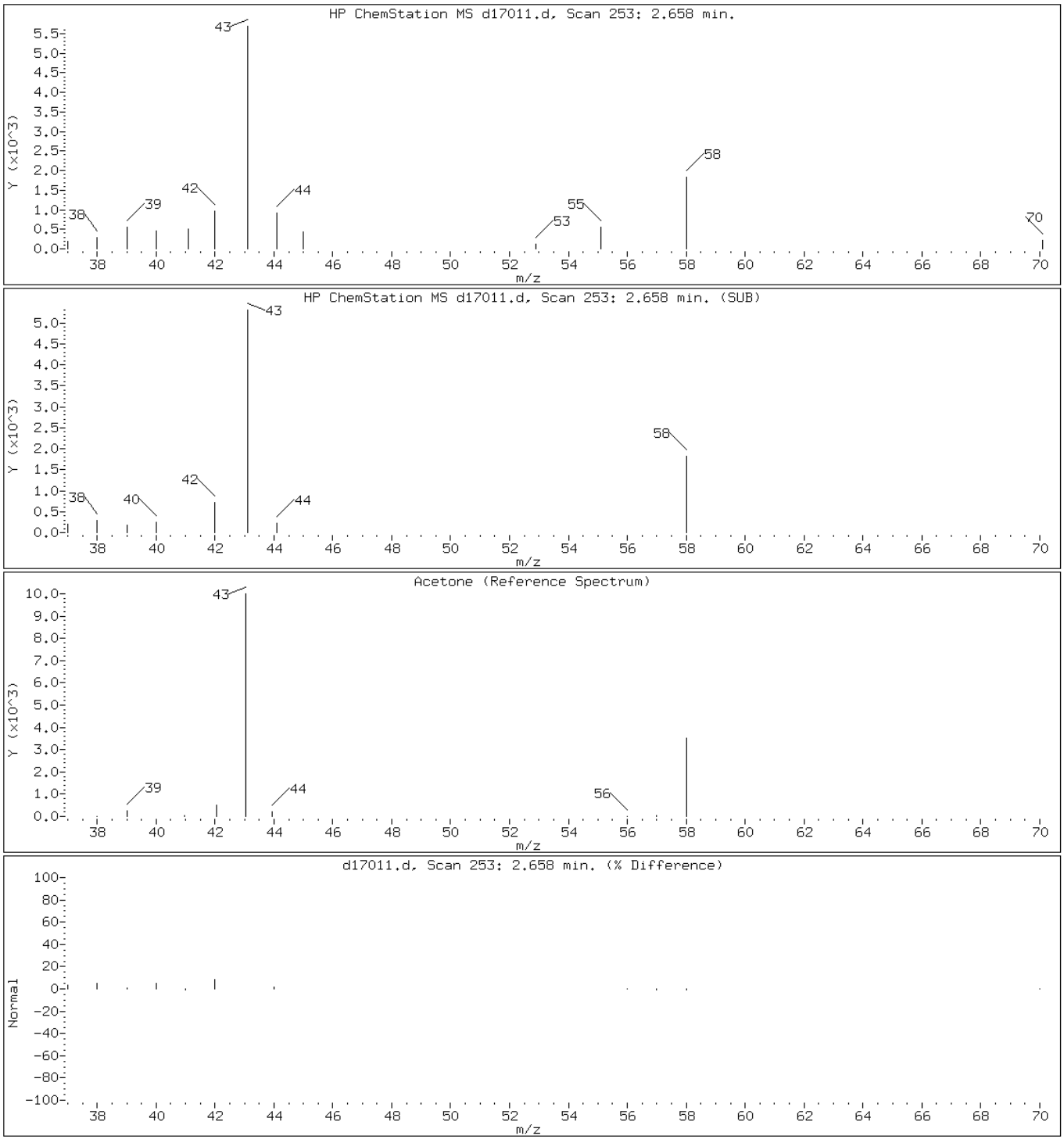
Data File: d17011.d

Date: 08-MAR-2010 14:14

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20 Operator:

16 Acetone



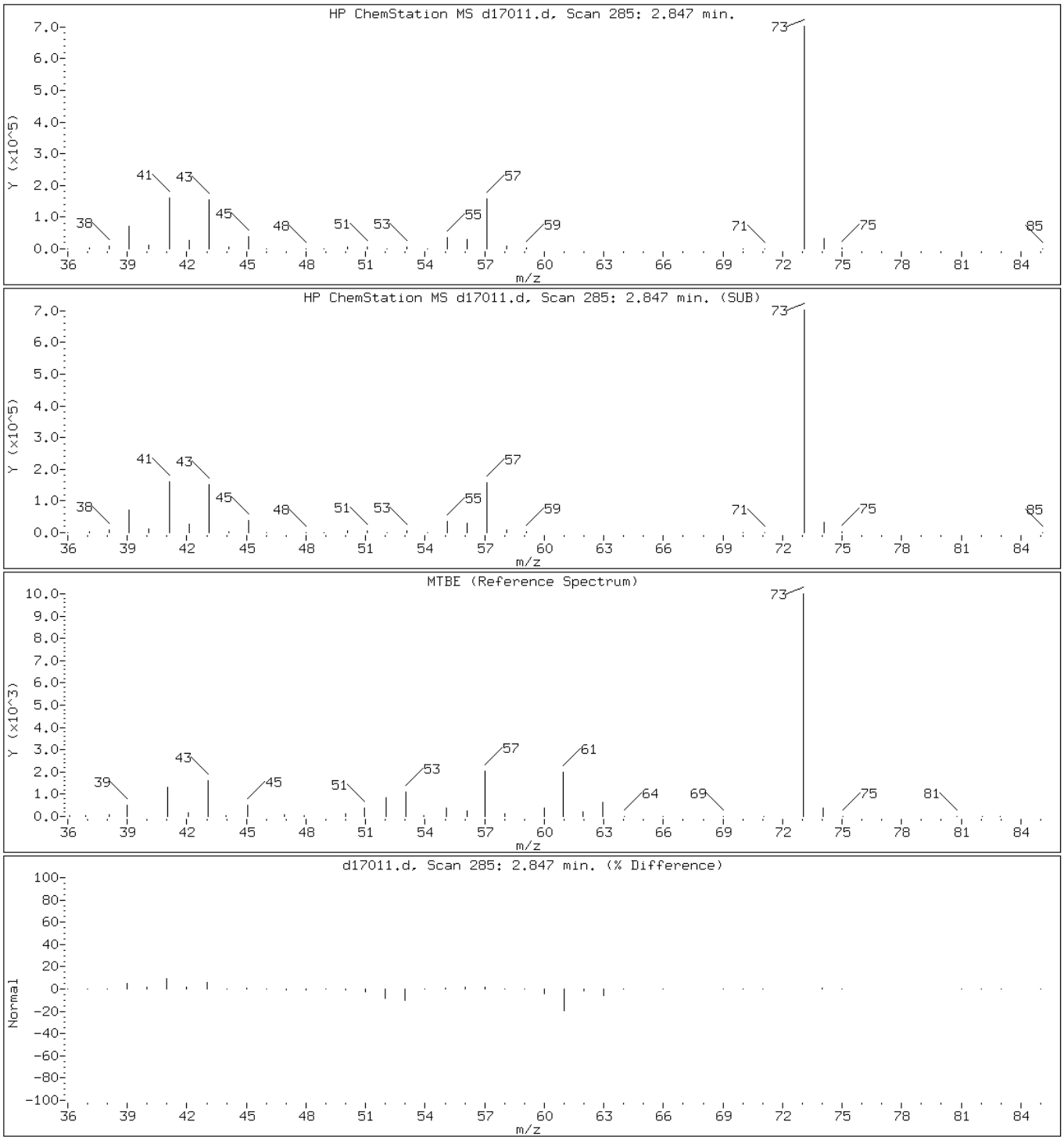
Data File: d17011.d

Date: 08-MAR-2010 14:14

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20 Operator:

28 MTBE



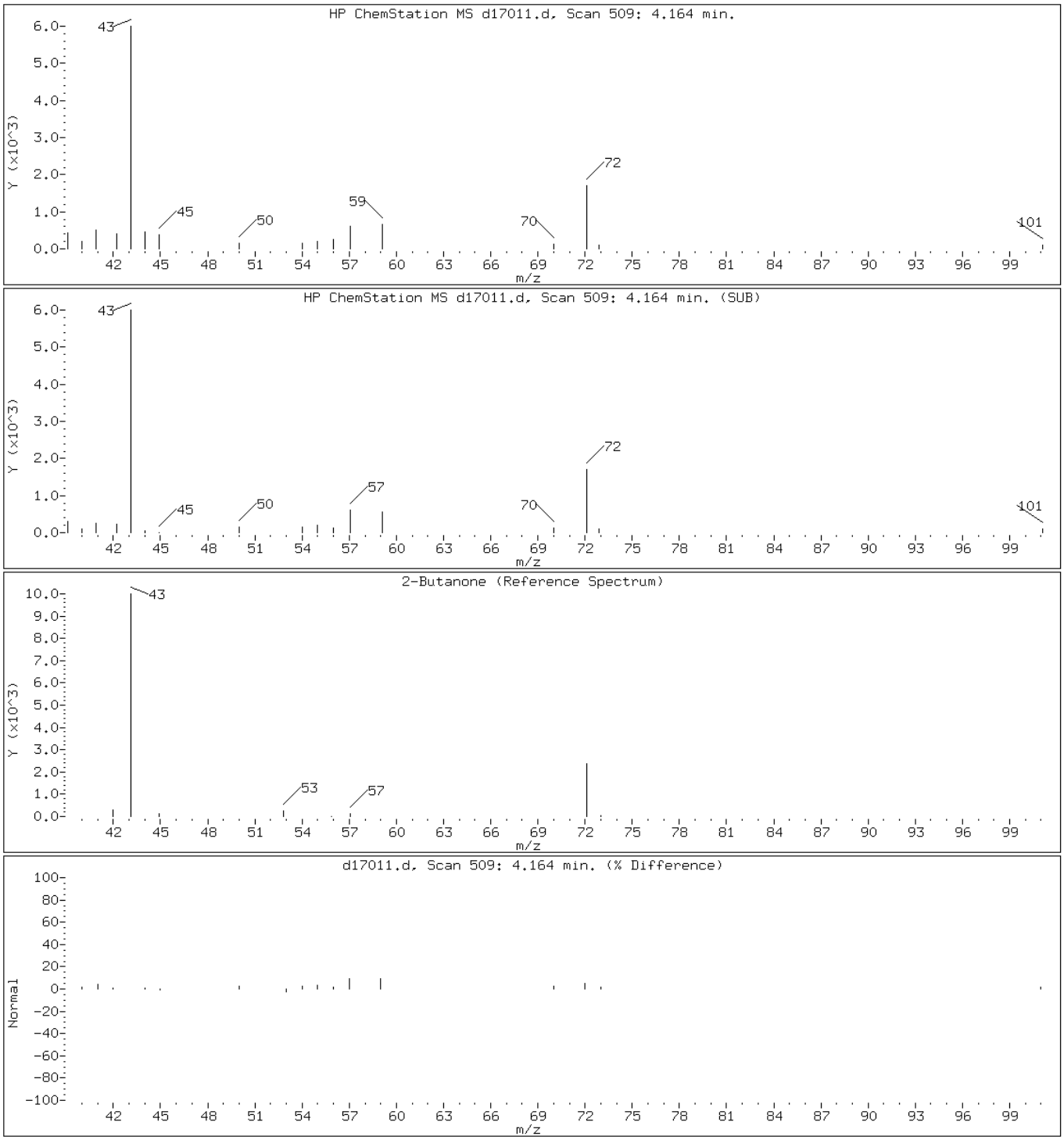
Data File: d17011.d

Date: 08-MAR-2010 14:14

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20 Operator:

38 2-Butanone



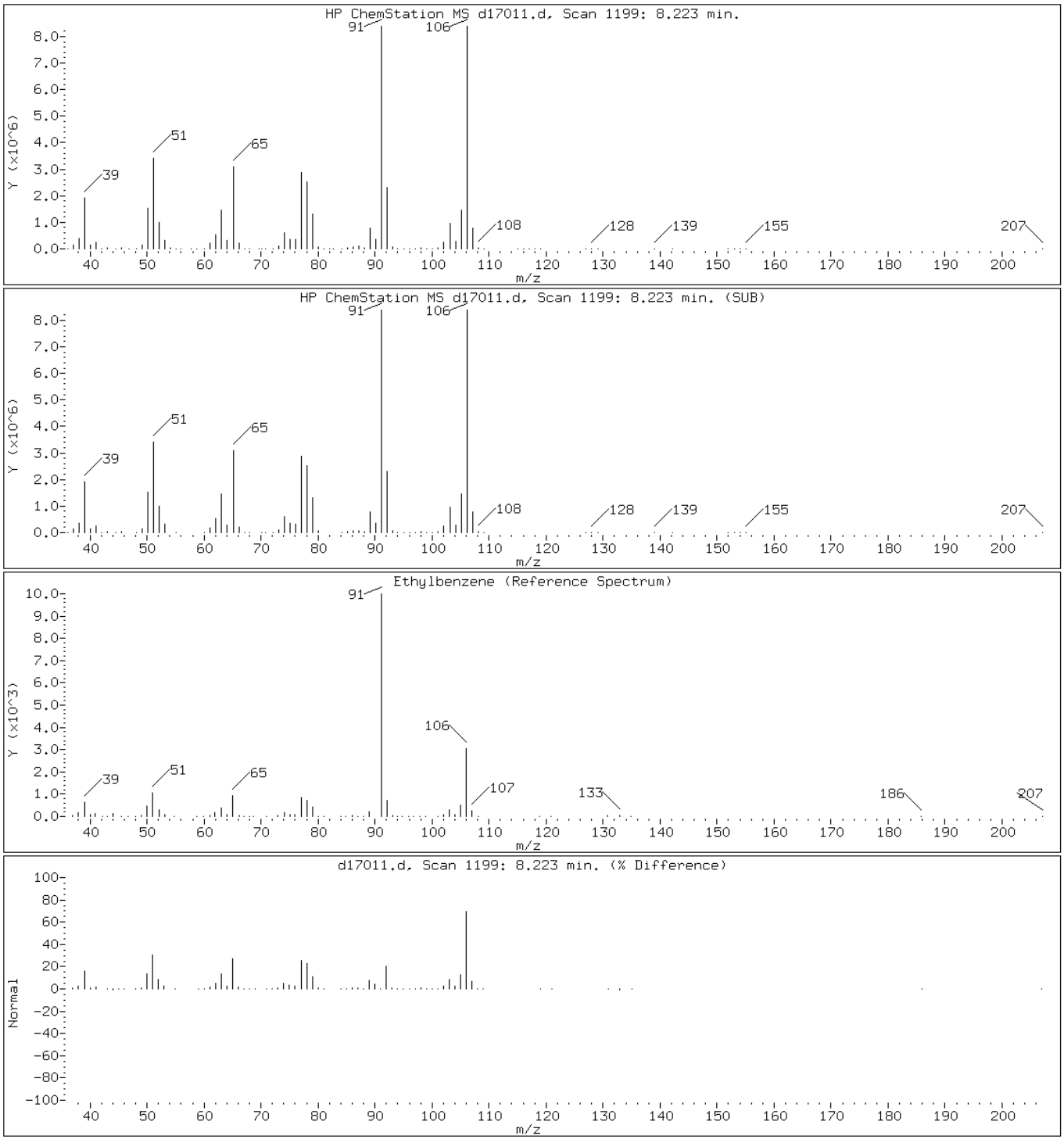
Data File: d17011.d

Date: 08-MAR-2010 14:14

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20 Operator:

81 Ethylbenzene



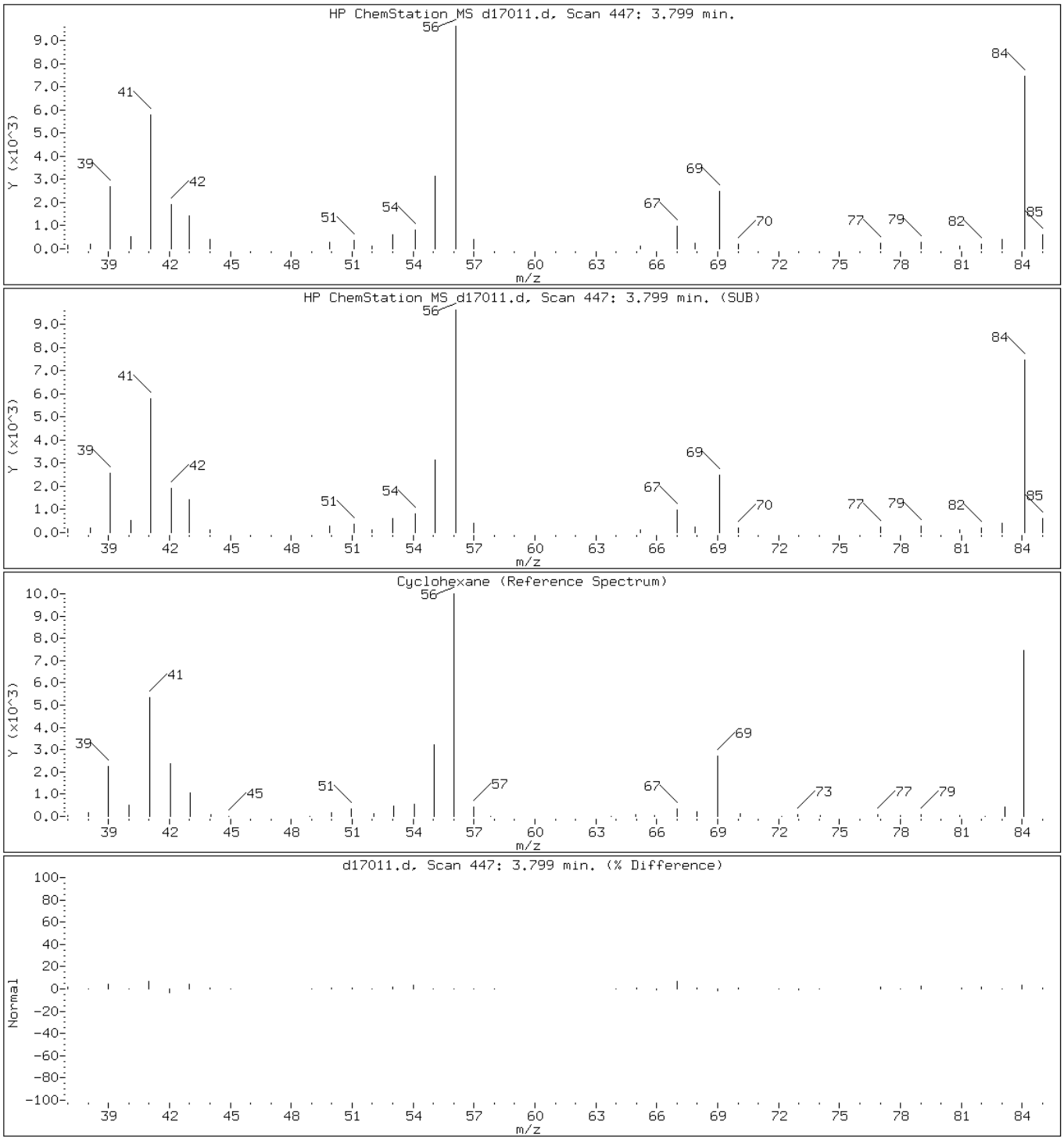
Data File: d17011.d

Date: 08-MAR-2010 14:14

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20 Operator:

44 Cyclohexane



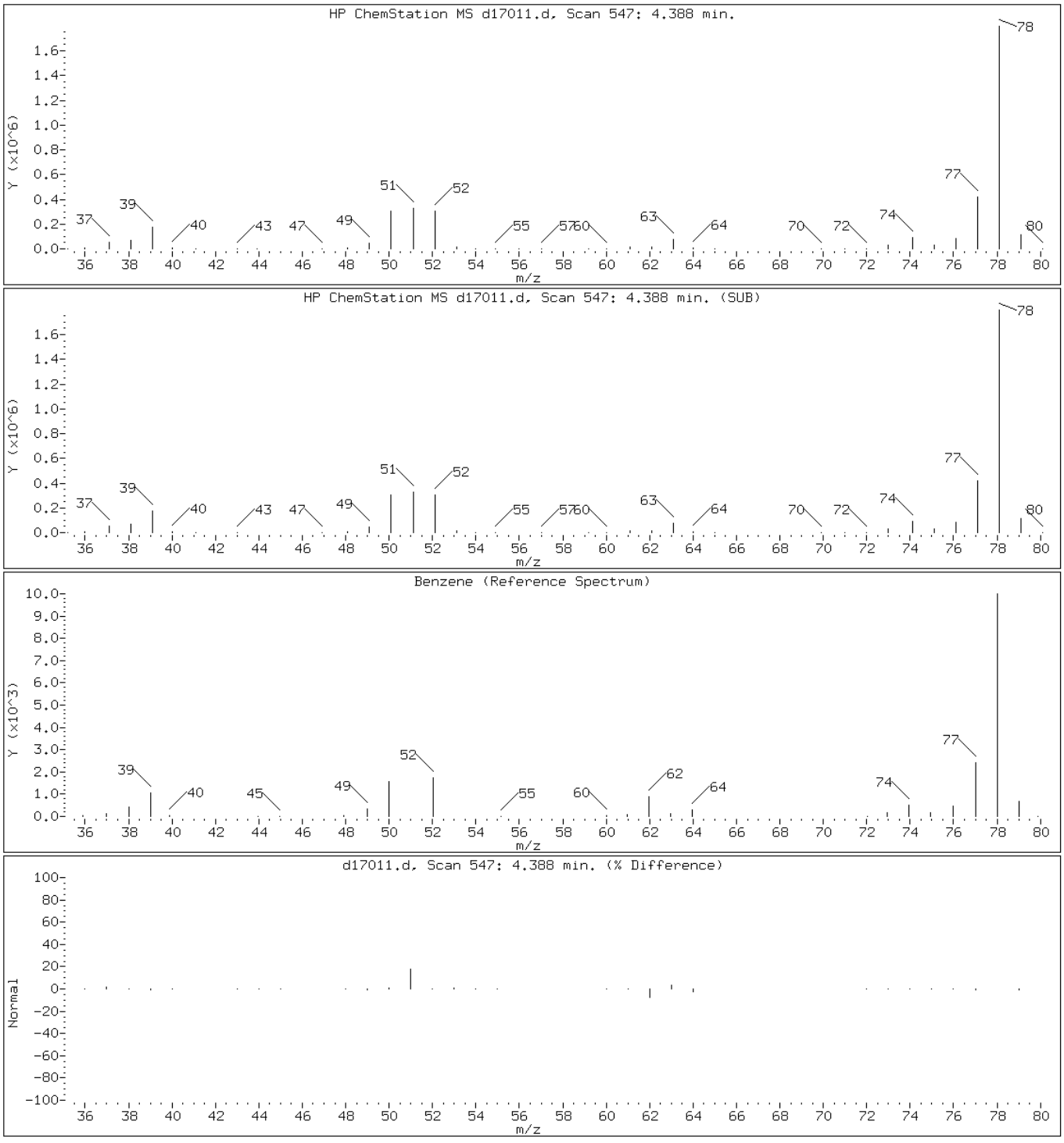
Data File: d17011.d

Date: 08-MAR-2010 14:14

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20 Operator:

48 Benzene



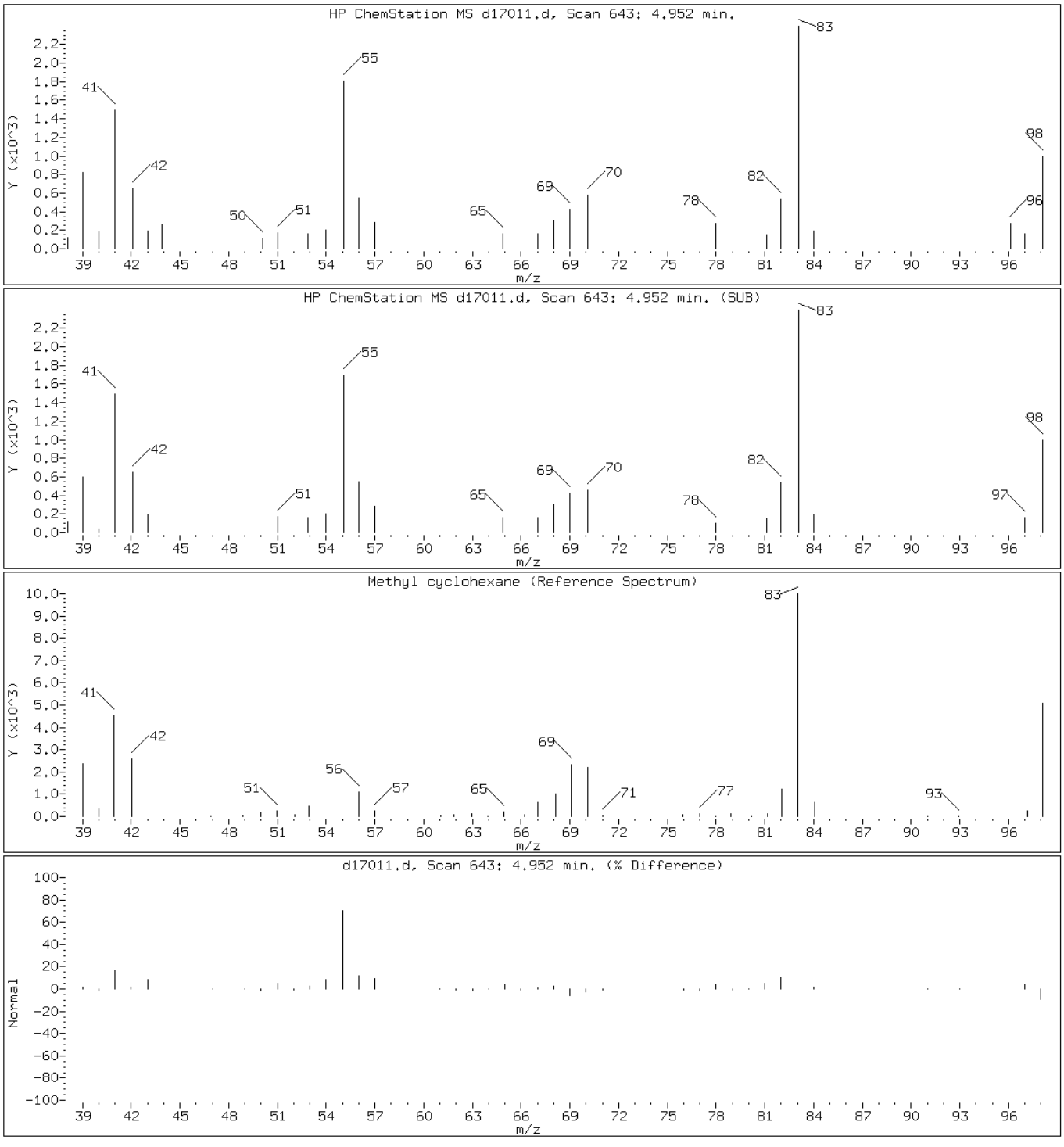
Data File: d17011.d

Date: 08-MAR-2010 14:14

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20 Operator:

56 Methyl cyclohexane



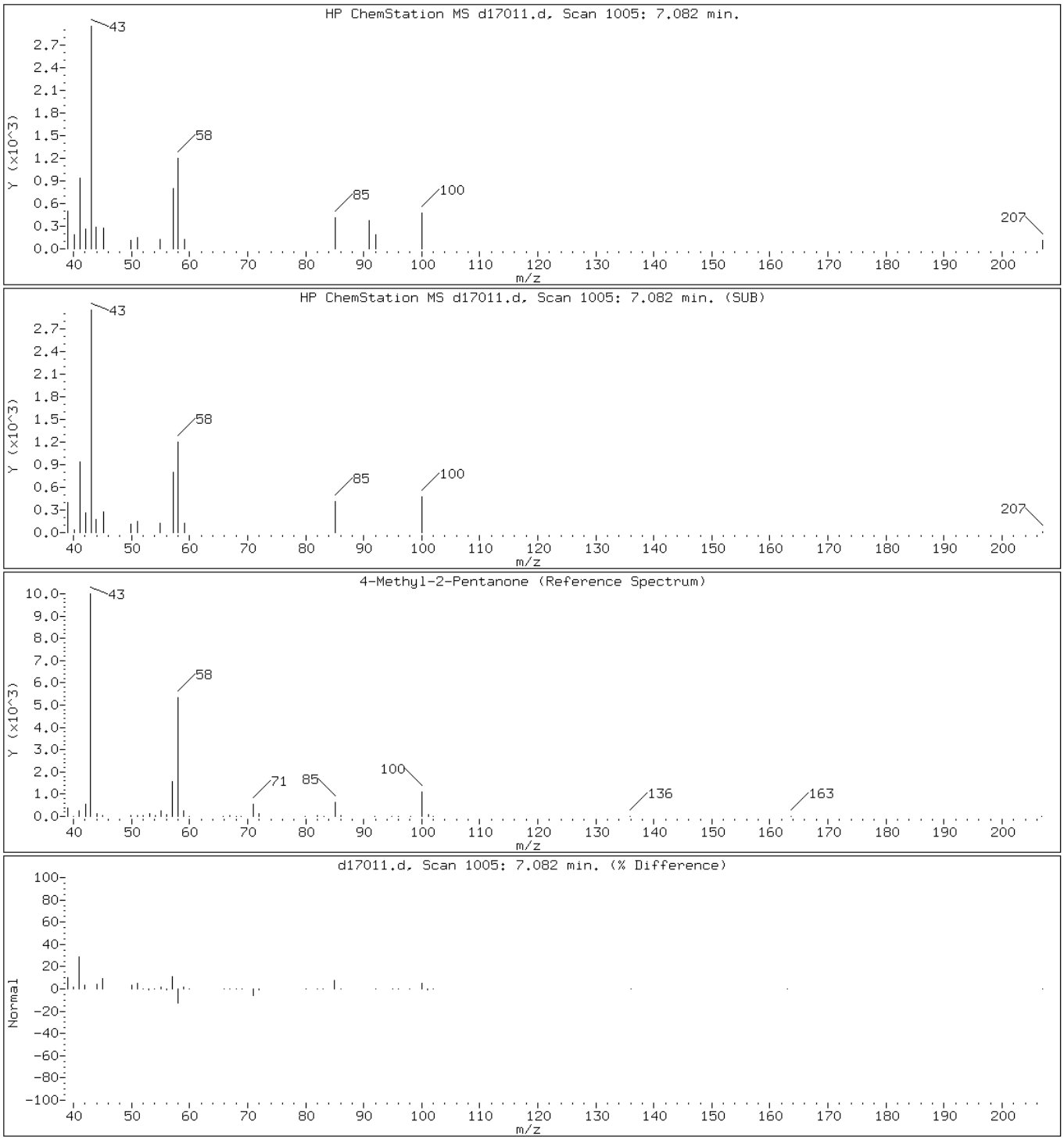
Data File: d17011.d

Date: 08-MAR-2010 14:14

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20 Operator:

70 4-Methyl-2-Pentanone



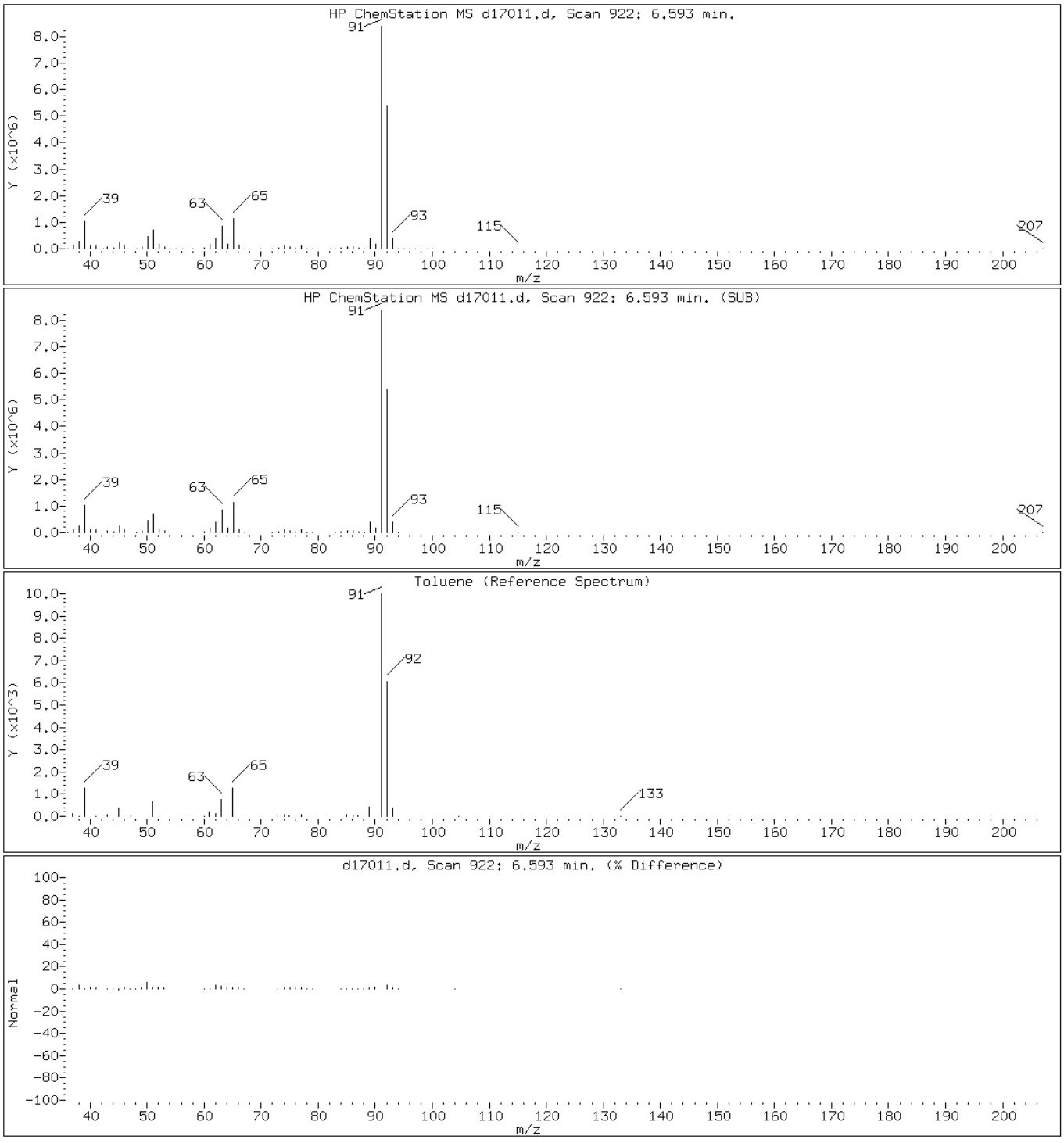
Data File: d17011.d

Date: 08-MAR-2010 14:14

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20 Operator:

66 Toluene



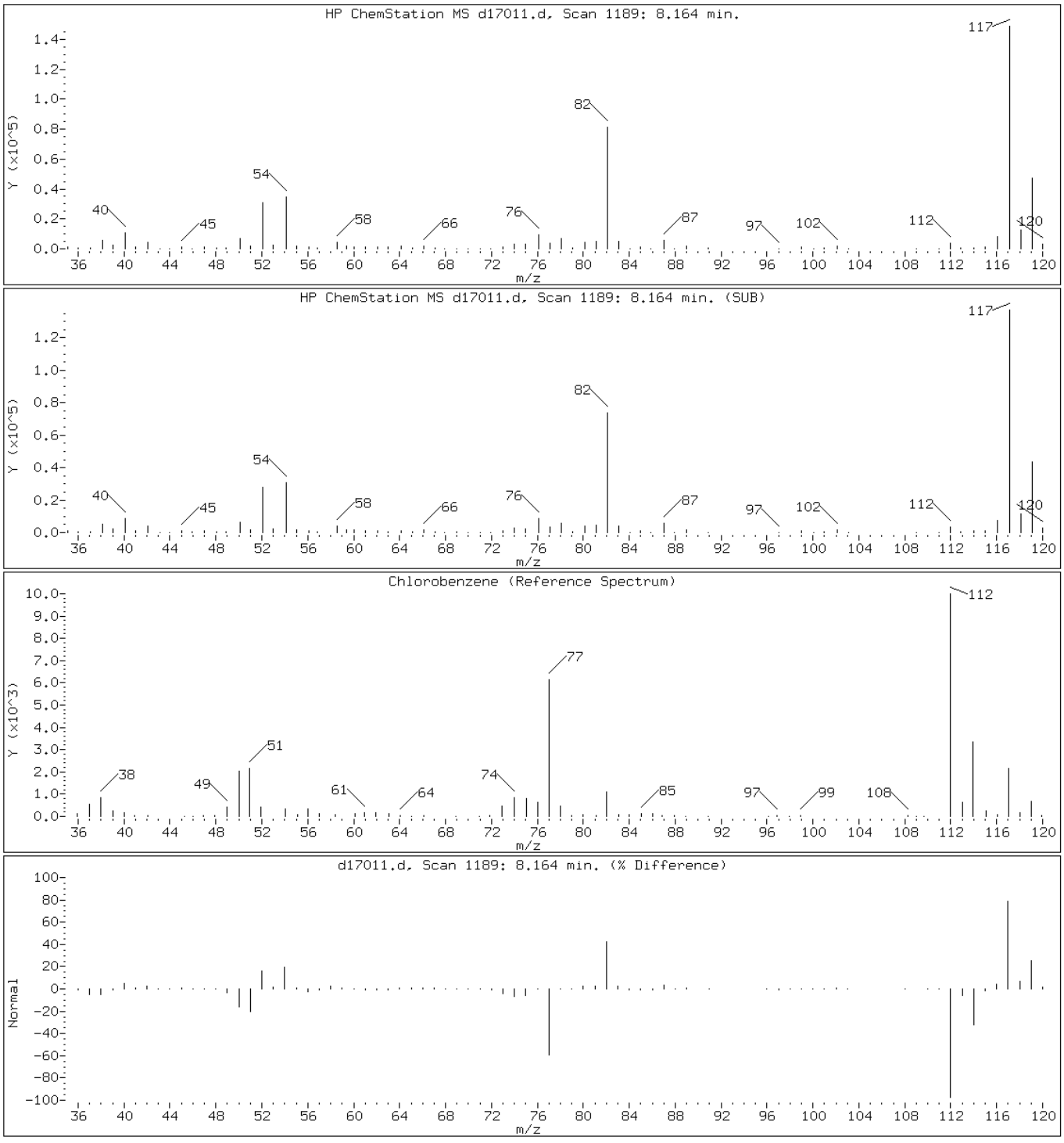
Data File: d17011.d

Date: 08-MAR-2010 14:14

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20 Operator:

79 Chlorobenzene



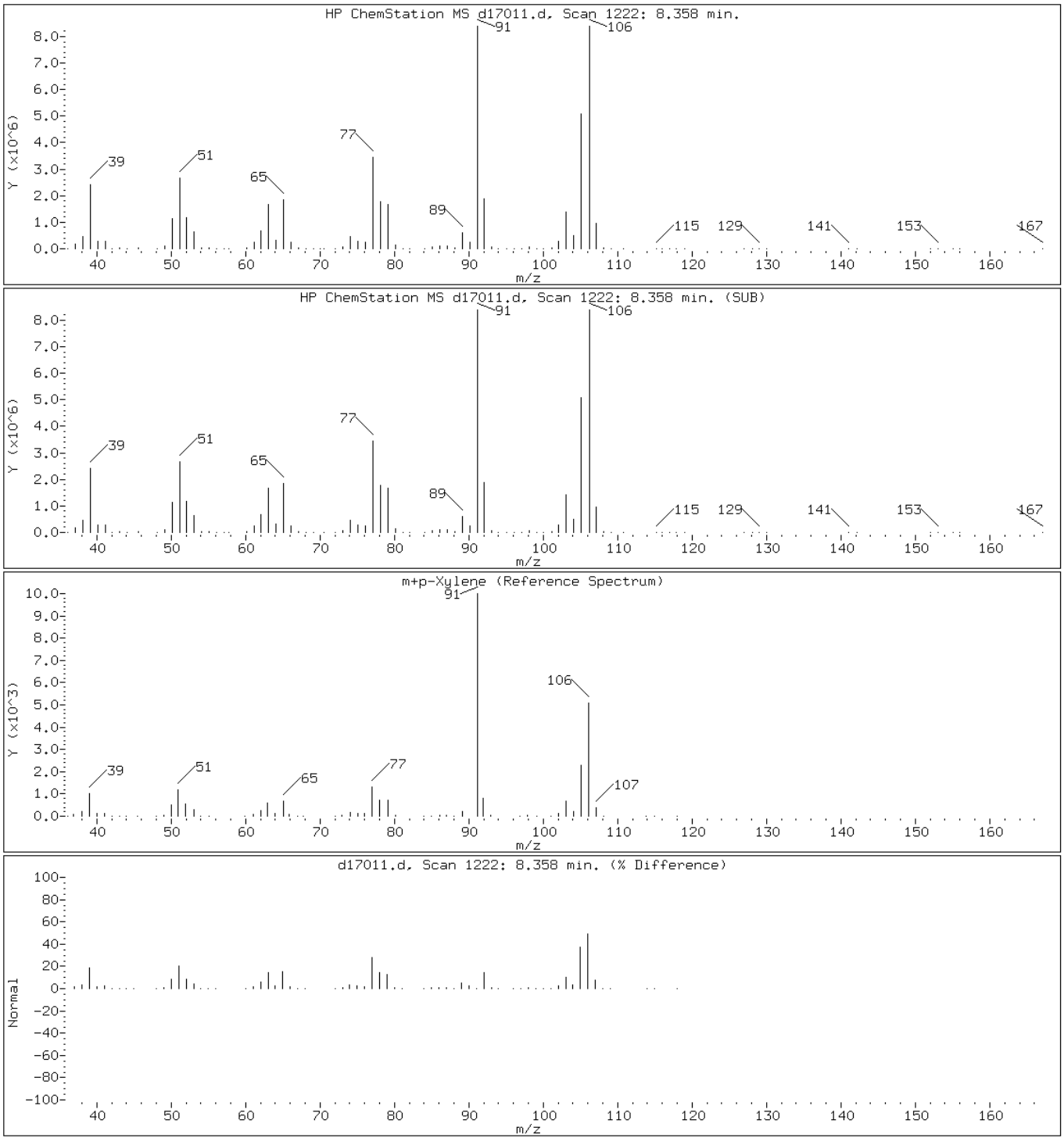
Data File: d17011.d

Date: 08-MAR-2010 14:14

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20 Operator:

82 m+p-Xylene



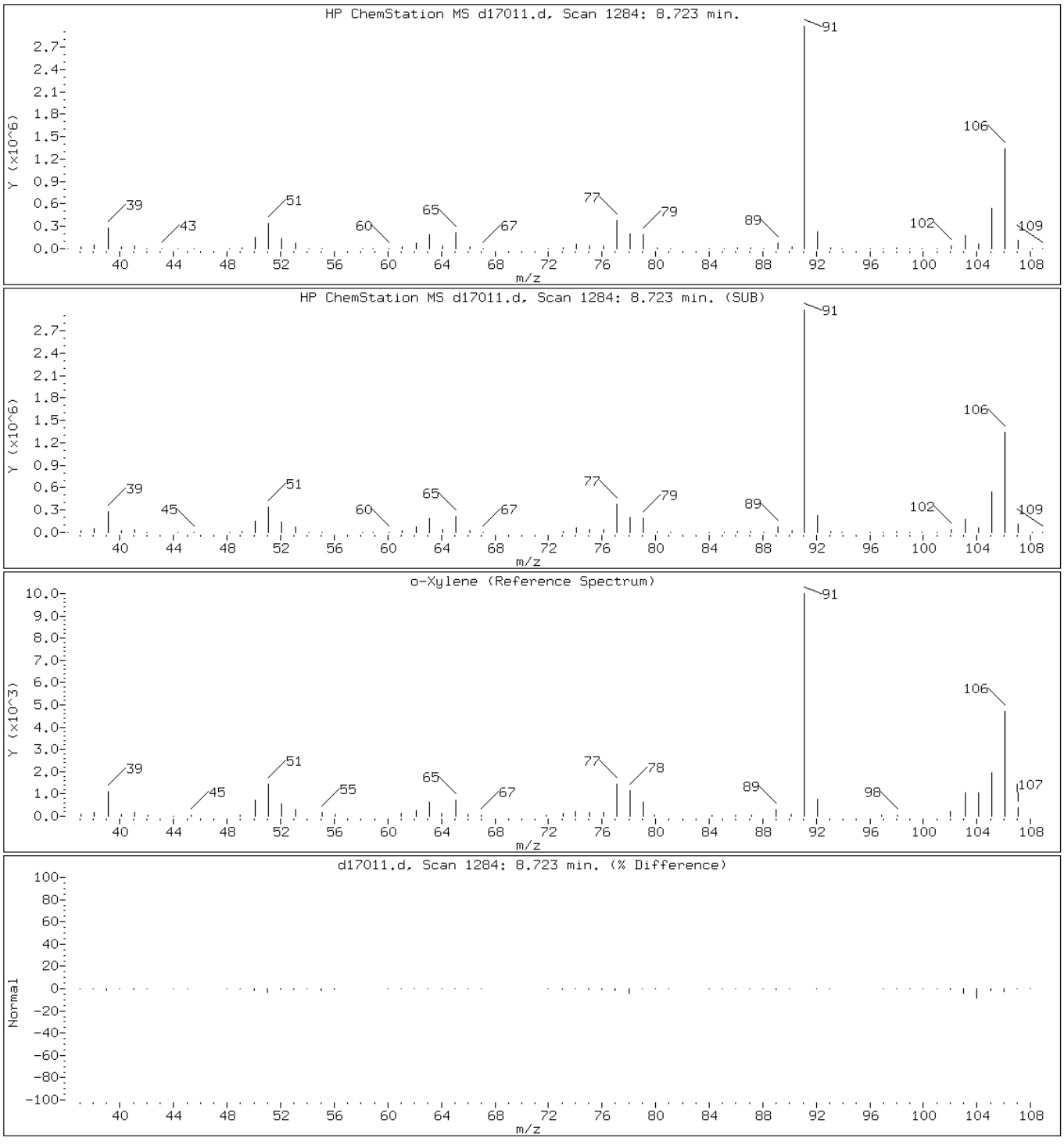
Data File: d17011.d

Date: 08-MAR-2010 14:14

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20 Operator:

84 o-Xylene



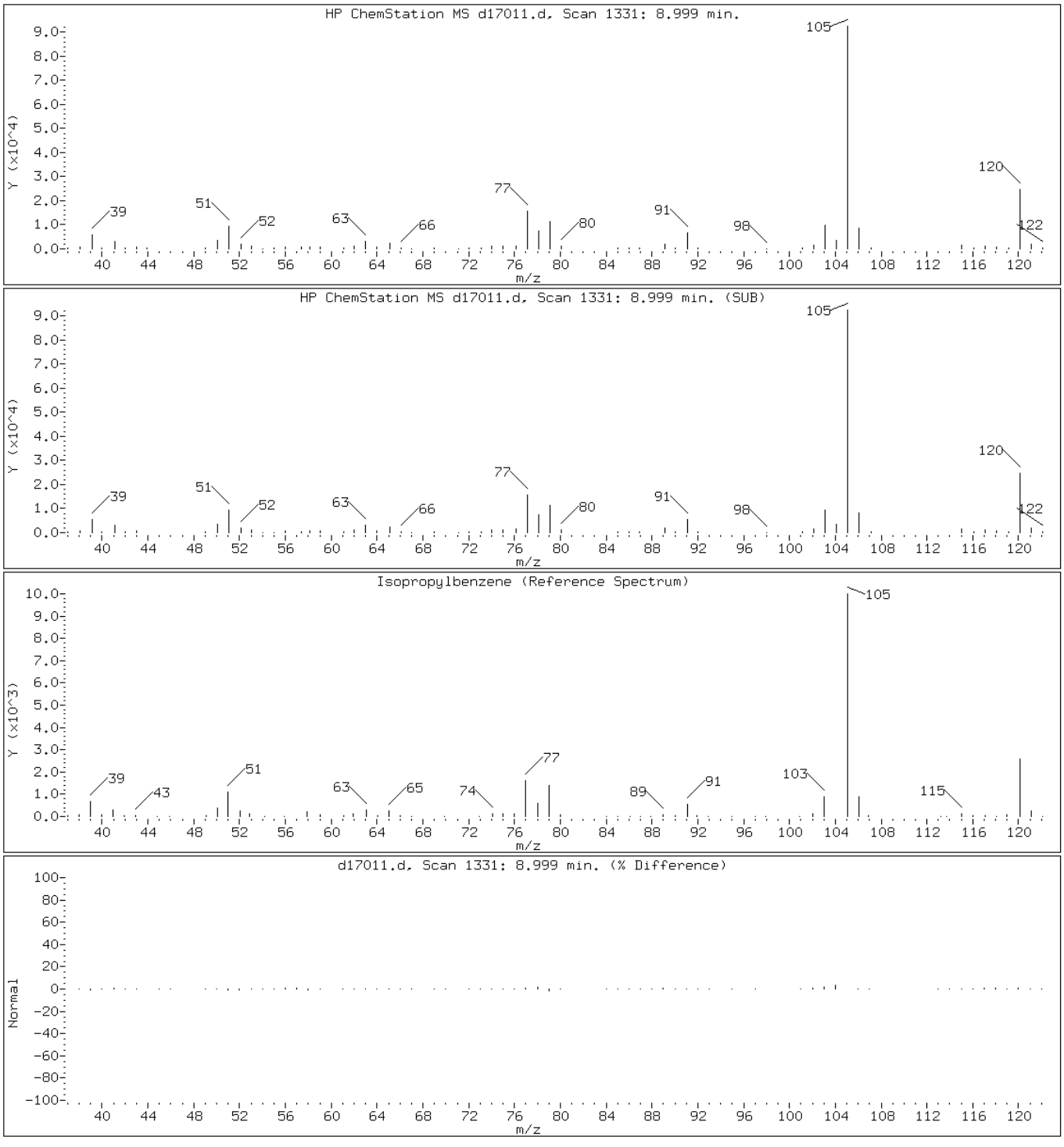
Data File: d17011.d

Date: 08-MAR-2010 14:14

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20 Operator:

88 Isopropylbenzene



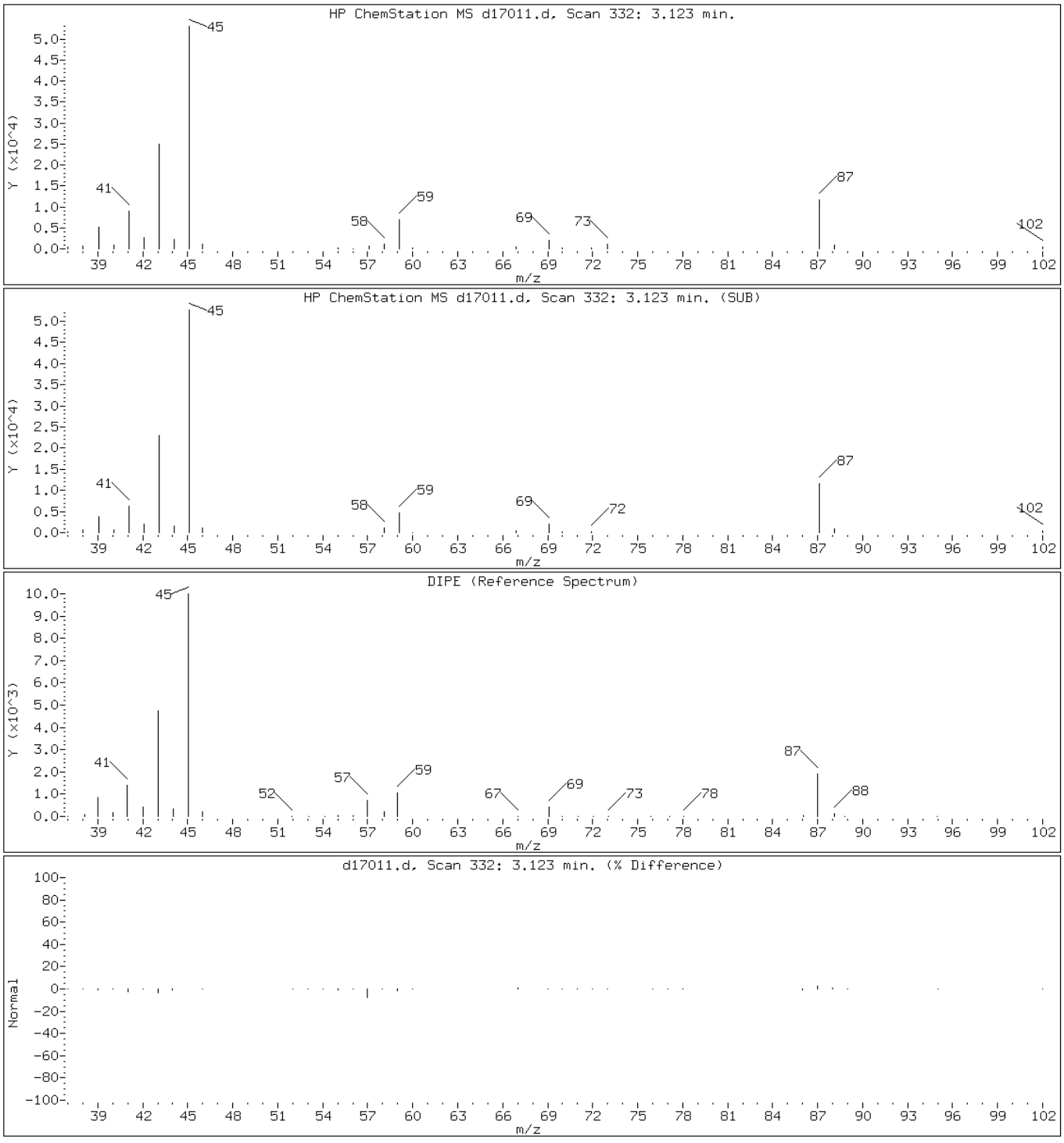
Data File: d17011.d

Date: 08-MAR-2010 14:14

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20 Operator:

32 DIPE



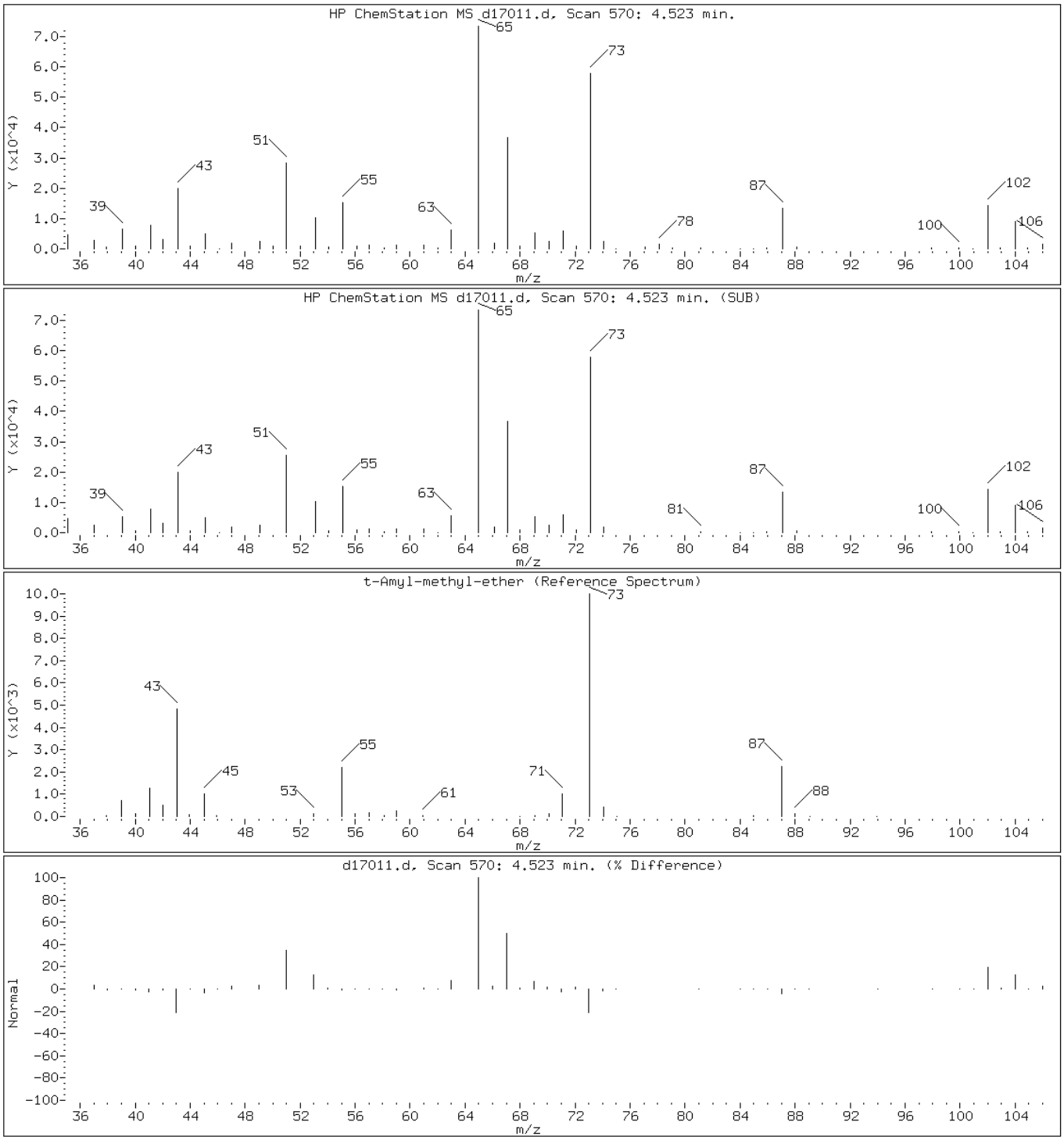
Data File: d17011.d

Date: 08-MAR-2010 14:14

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20 Operator:

50 t-Amyl-methyl-ether



Data File: d17011.d

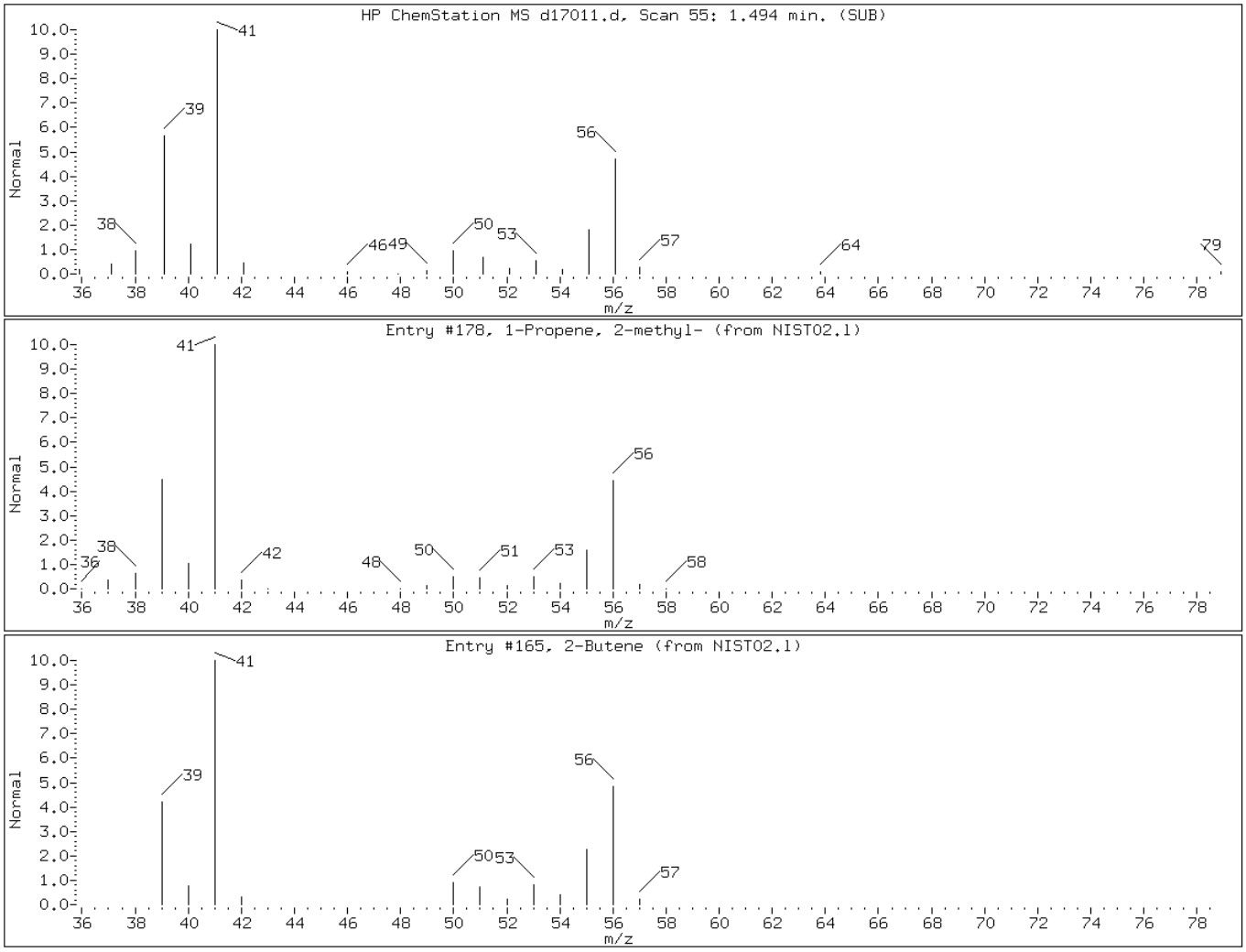
Date: 08-MAR-2010 14:14

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20 Operator:

Retention Time: 1.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Propene, 2-methyl-	115-11-7	NIST02.l	178	83	C4H8	56
2-Butene	107-01-7	NIST02.l	165	53	C4H8	56



Data File: d17011.d

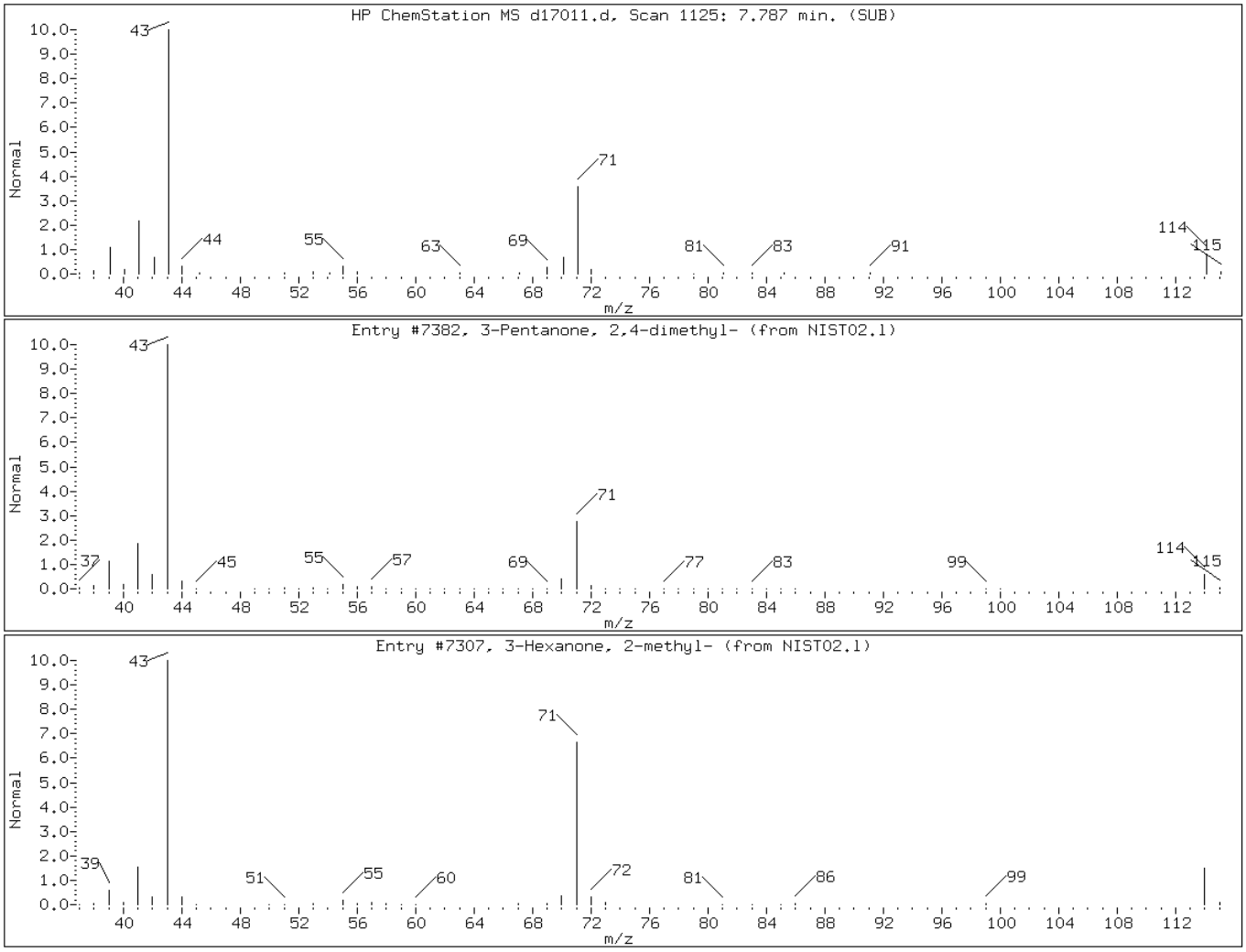
Date: 08-MAR-2010 14:14

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20 Operator:

Retention Time: 7.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C7H14O Ketone						
3-Pentanone, 2,4-dimethyl-	565-80-0	NIST02.l	7382	83	C7H14O	114
3-Hexanone, 2-methyl-	7379-12-6	NIST02.l	7307	64	C7H14O	114



Data File: d17011.d

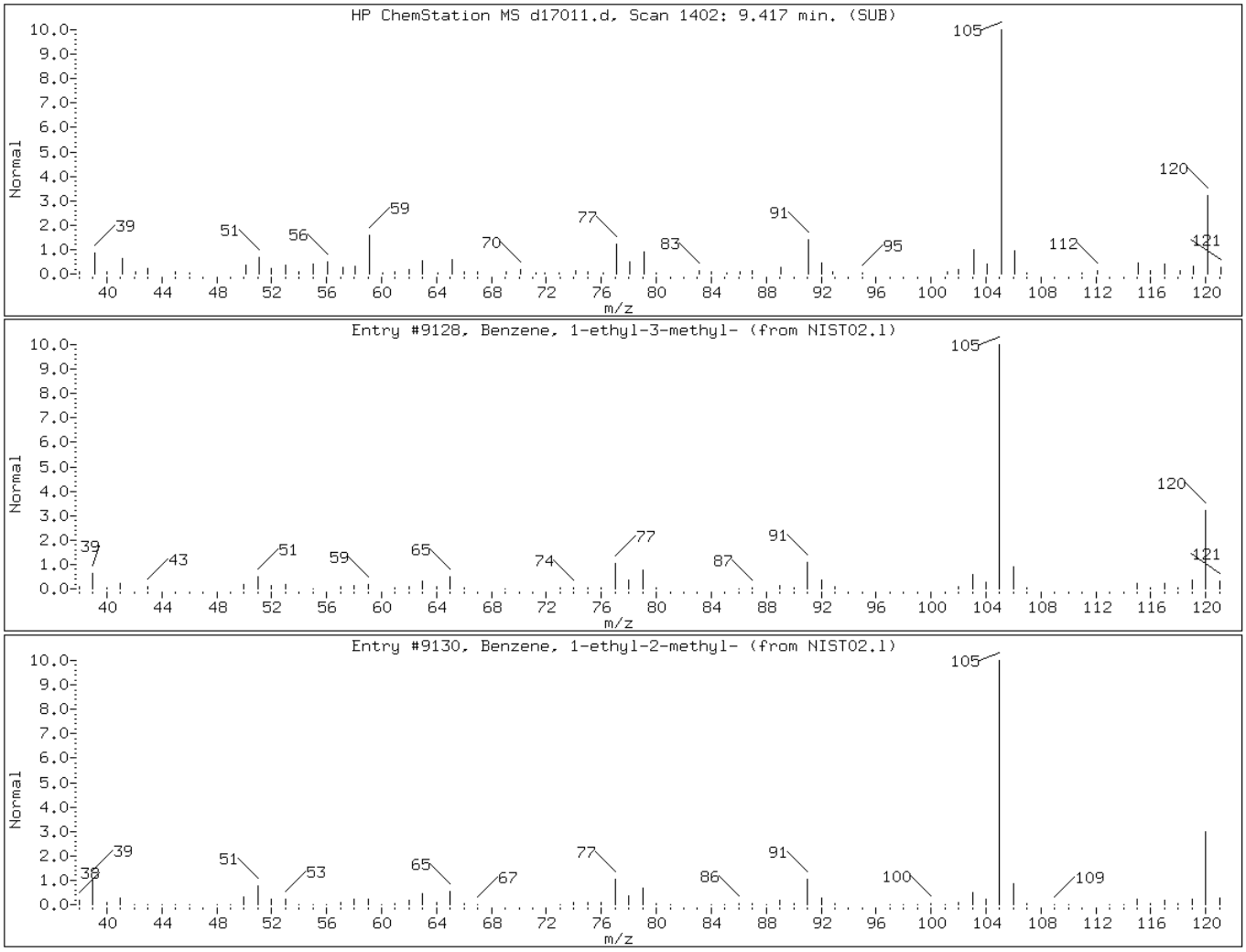
Date: 08-MAR-2010 14:14

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20 Operator:

Retention Time: 9.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.l	9128	93	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.l	9130	93	C9H12	120



Data File: d17011.d

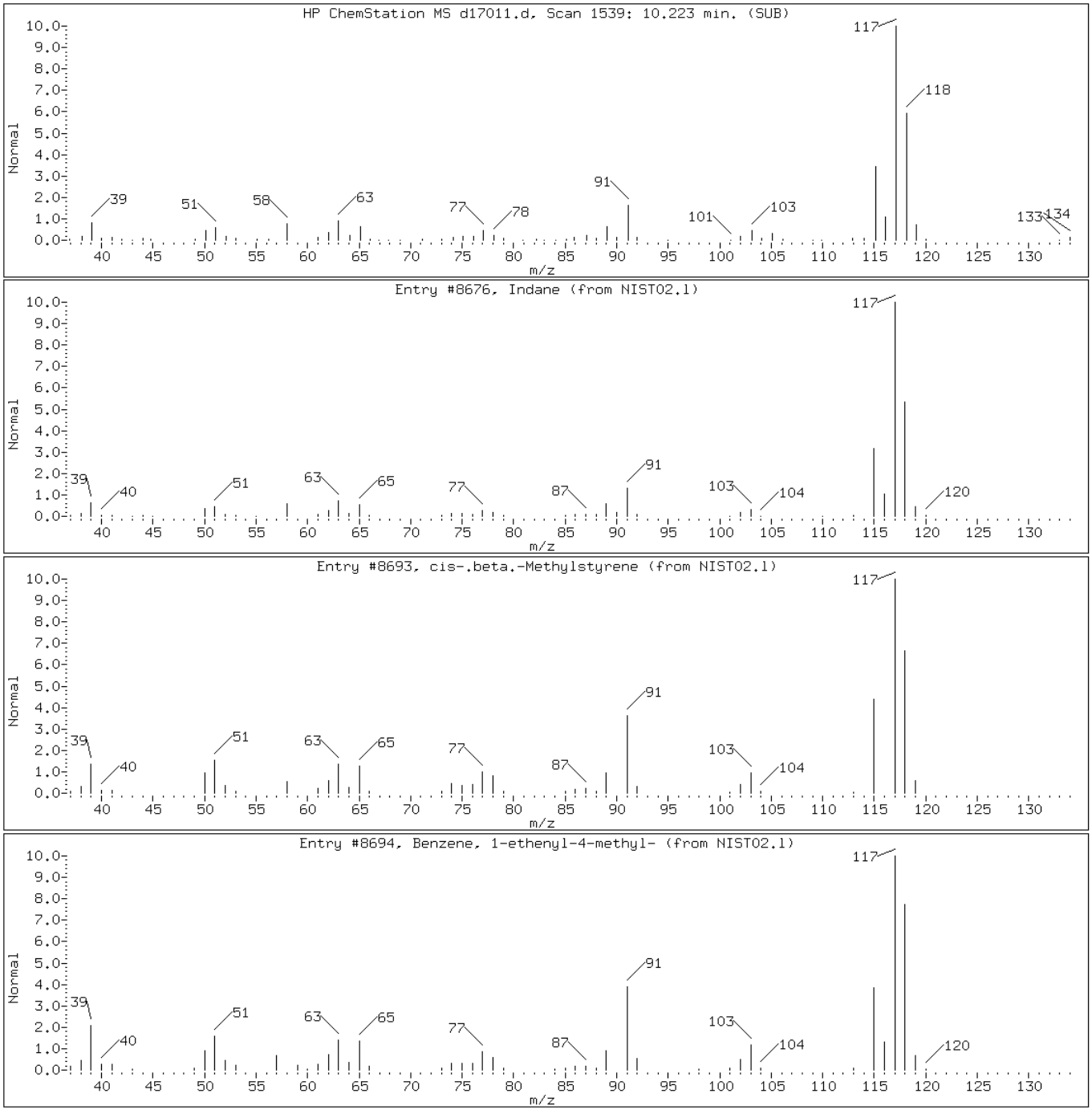
Date: 08-MAR-2010 14:14

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20 Operator:

Retention Time: 10.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8676	95	C9H10	118
cis-.beta.-Methylstyrene	766-90-5	NIST02.l	8693	81	C9H10	118
Benzene, 1-ethenyl-4-methyl-	622-97-9	NIST02.l	8694	80	C9H10	118



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-020 Lab Sample ID: 460-10889-20 DL

Matrix: GW Lab File ID: d17013.d

Analysis Method: 8260B Date Collected: 03/03/2010 13:40

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 15:03

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	2200		10	2.5
108-88-3	Toluene	1200		10	0.90
1330-20-7	Xylenes, Total	5400		30	4.3

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97	70-122	
460-00-4	4-Bromofluorobenzene	101	69-135	
2037-26-5	Toluene-d8 (Surr)	98	69-125	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17013.d
Report Date: 08-Mar-2010 19:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17013.d
Lab Smp Id: 460-10889-B-20 Client Smp ID: GW-017338-030310-AC
Inj Date : 08-MAR-2010 15:03
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-B-20;10
Misc Info : 460-10889-B-20
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 08-Mar-2010 19:14 eddie Quant Type: ISTD
Cal Date : 08-MAR-2010 08:03 Cal File: d16997.d
Als bottle: 18
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 MTBE	73	2.841	2.823	(0.593)	348143	33.0149	330
	32 DIPE	45	3.129	3.117	(0.653)	17629	1.30619	13
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.517	4.511	(0.942)	20642	48.3383	48
	48 Benzene	78	4.382	4.382	(0.538)	327610	26.9349	270
*	52 Fluorobenzene	96	4.794	4.788	(1.000)	466300	50.0000	
$	65 Toluene-d8 (SUR)	98	6.535	6.529	(0.802)	435524	48.9057	49
	66 Toluene	91	6.593	6.587	(0.809)	1524594	124.481	1200
*	78 Chlorobenzene-d5	117	8.152	8.146	(1.000)	341458	50.0000	
	81 Ethylbenzene	106	8.217	8.211	(1.008)	864080	219.608	2200
	82 m+p-Xylene	106	8.352	8.352	(1.025)	2535437	512.242	5100
	84 o-Xylene	106	8.723	8.723	(1.070)	114510	22.9901	230
	88 Isopropylbenzene	105	8.993	8.993	(1.103)	7273	0.54116	5.4(a)
$	89 Bromofluorobenzene (SUR)	174	9.211	9.211	(0.913)	152924	50.5154	50
	95 n-Propylbenzene	91	9.334	9.334	(0.925)	3714	0.23501	2.4(a)
	101 1,2,4-Trimethylbenzene	105	9.799	9.799	(0.971)	2890	0.24490	2.4(a)
*	108 1,4-Dichlorobenzene-d4	152	10.087	10.081	(1.000)	185083	50.0000	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17013.d
Report Date: 08-Mar-2010 19:31

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
M 121 Xylene (Total)	100				2649947	535.232	5400

QC Flag Legend

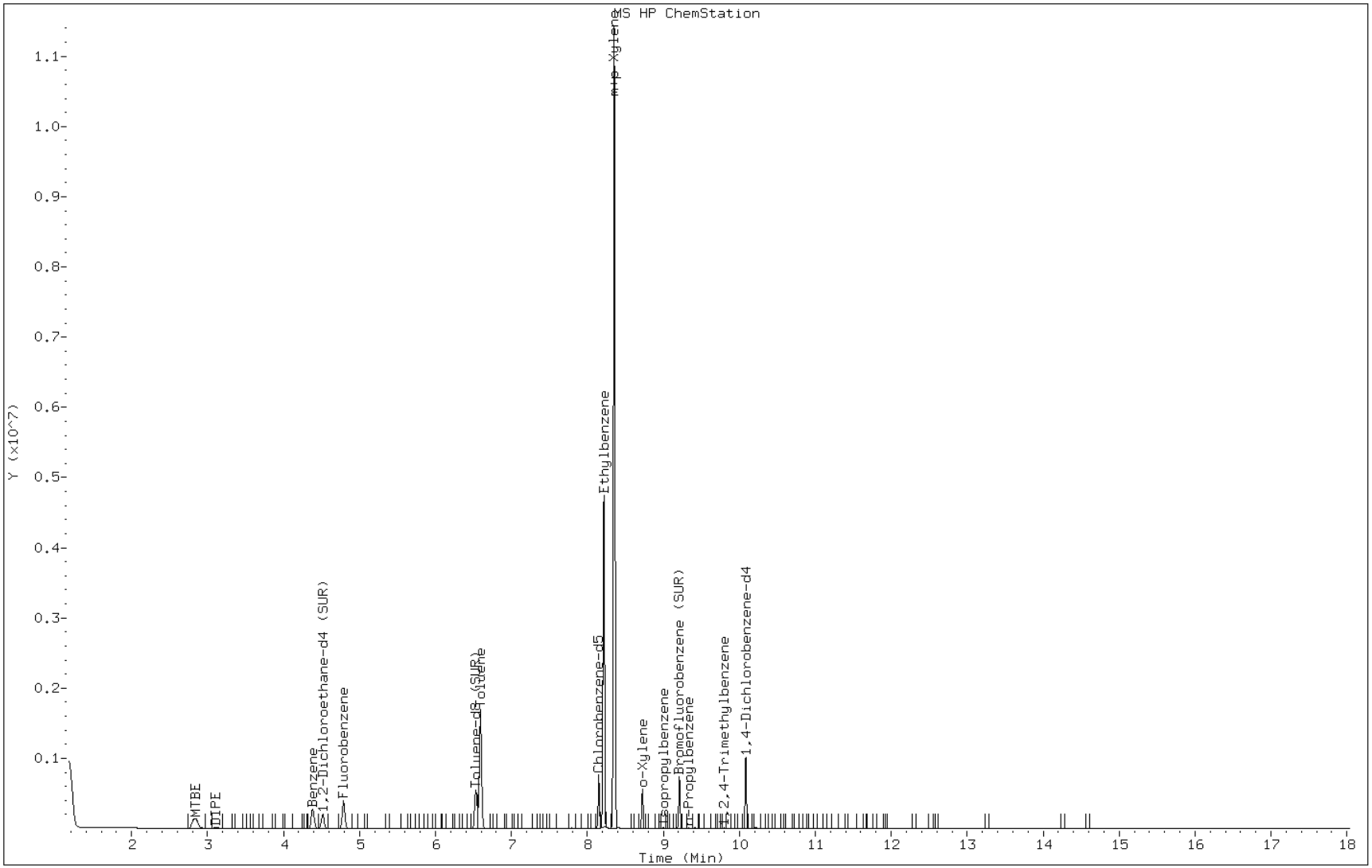
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d17013.d

Date: 08-MAR-2010 15:03

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20;10 Operator:



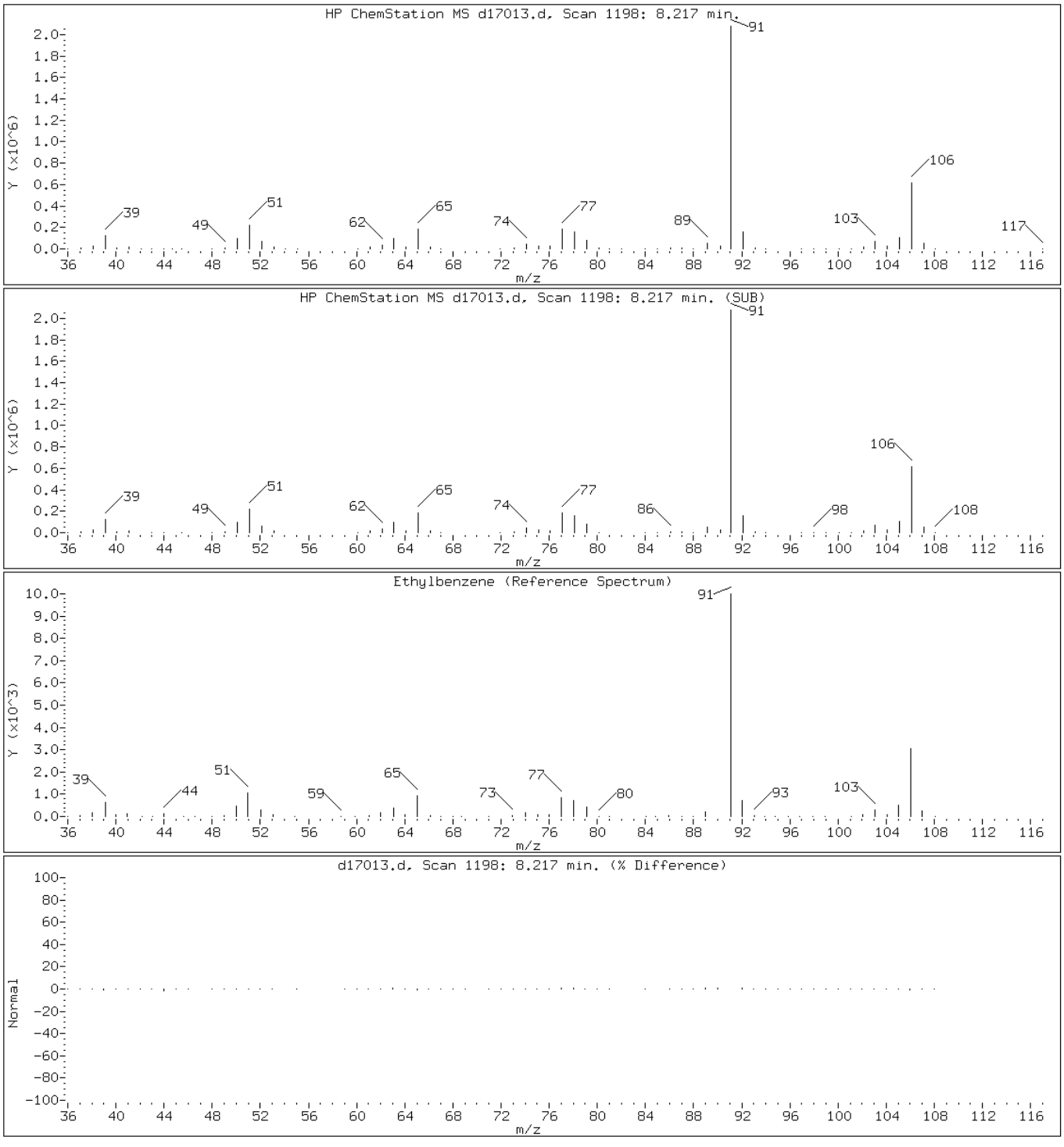
Data File: d17013.d

Date: 08-MAR-2010 15:03

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20;10 Operator:

81 Ethylbenzene



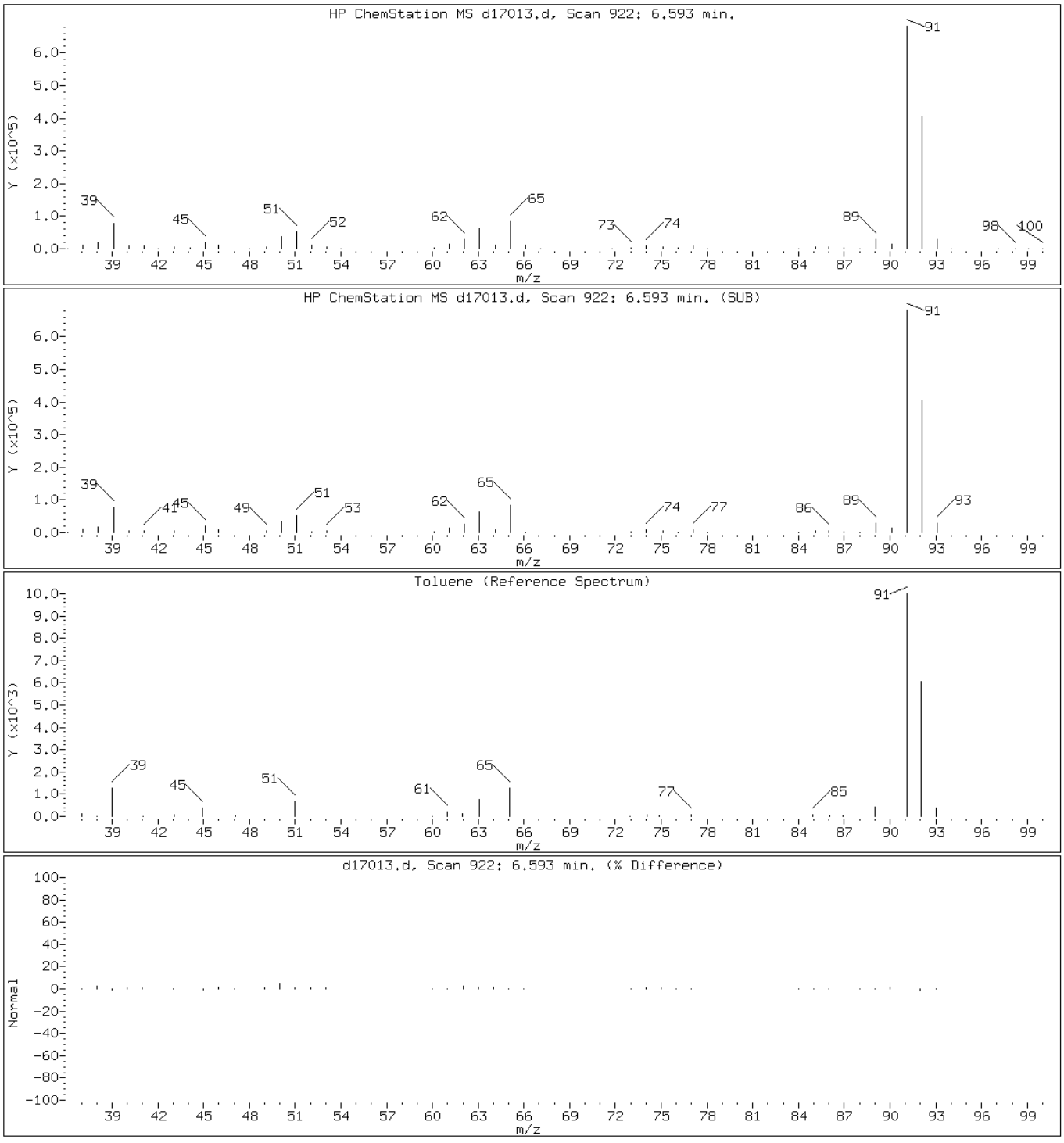
Data File: d17013.d

Date: 08-MAR-2010 15:03

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20;10 Operator:

66 Toluene



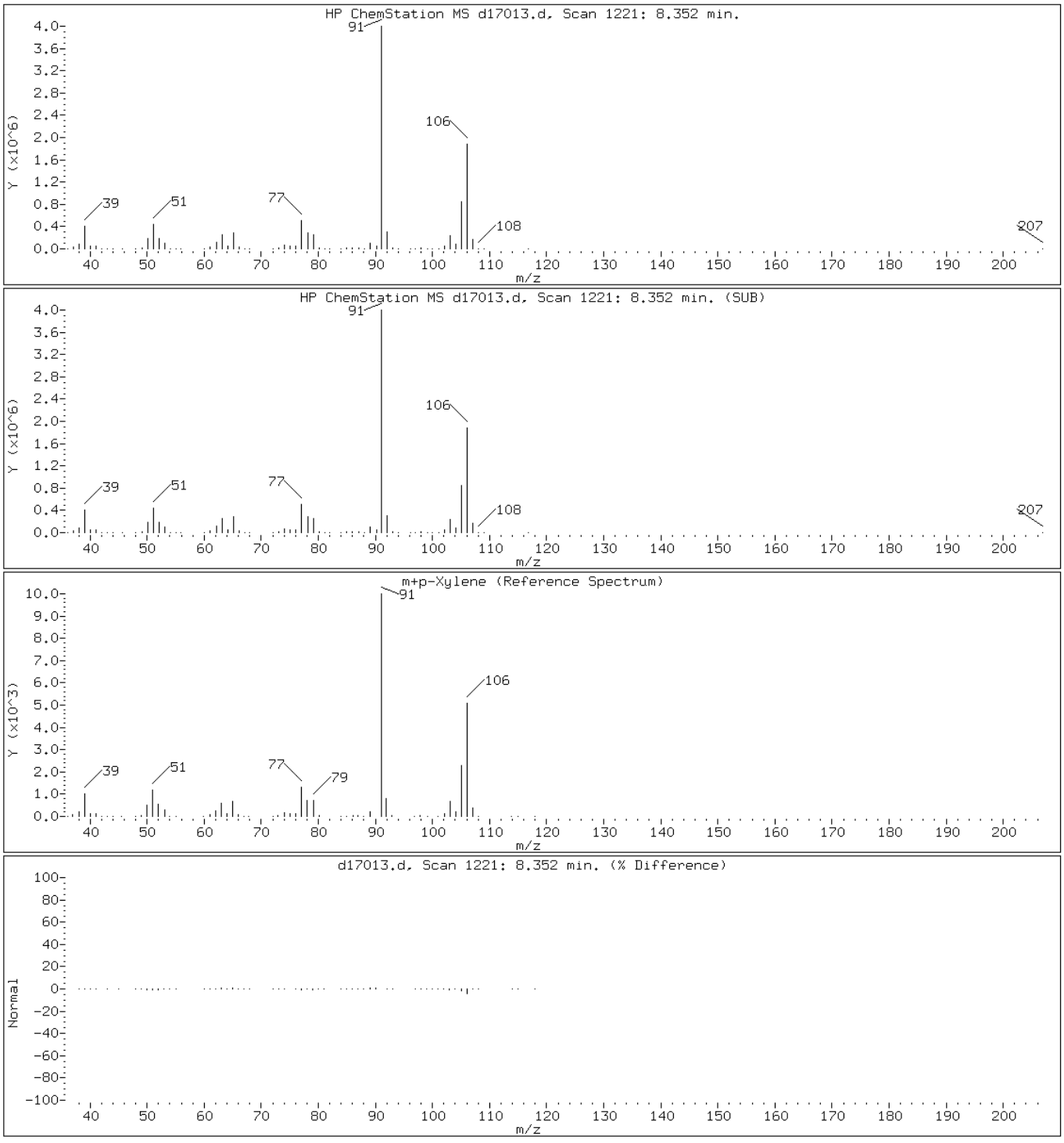
Data File: d17013.d

Date: 08-MAR-2010 15:03

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20;10 Operator:

82 m+p-Xylene



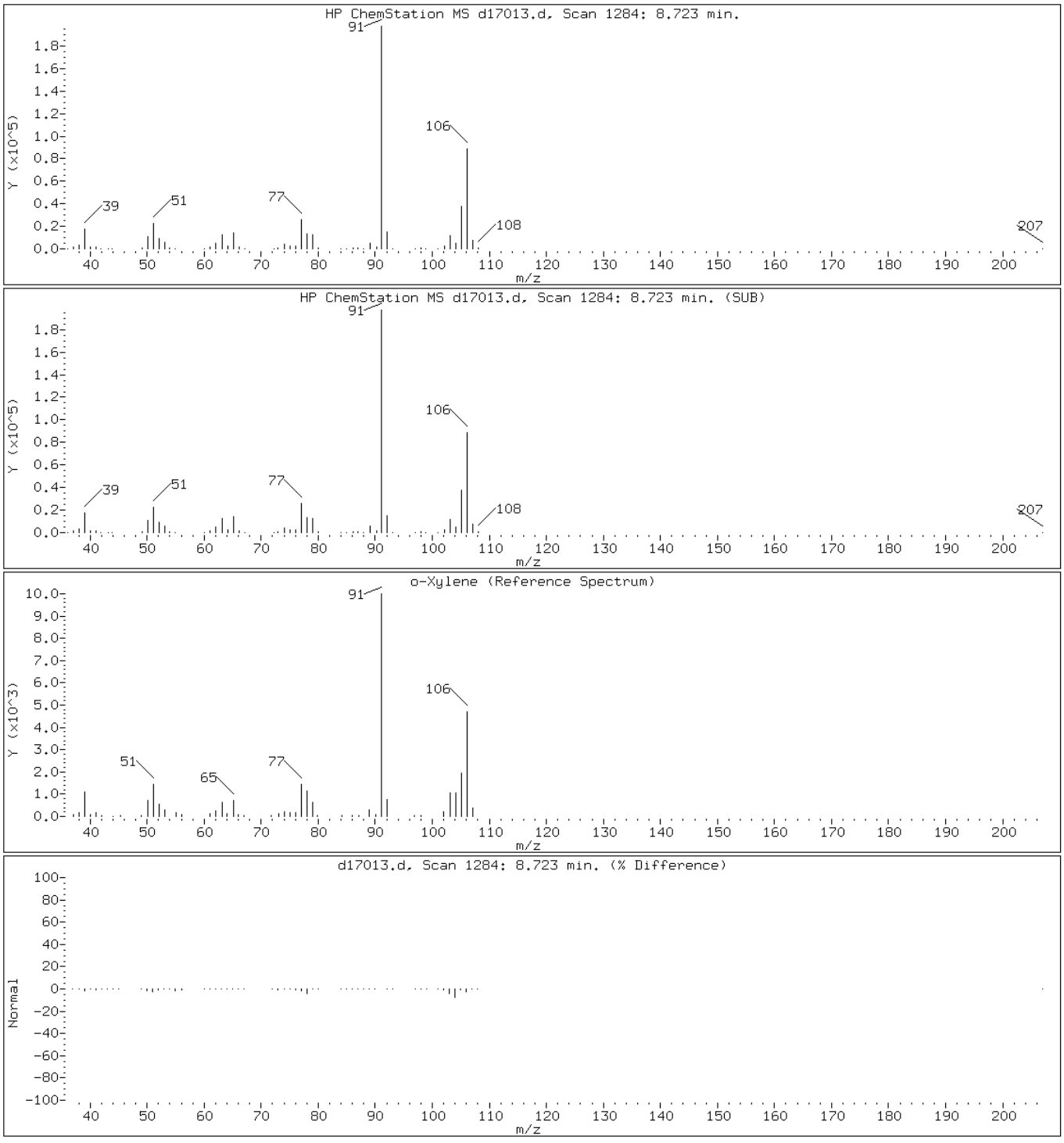
Data File: d17013.d

Date: 08-MAR-2010 15:03

Client ID: GW-017338-030310-AC Instrument: VOAMS4.i

Sample Info: 460-10889-B-20;10 Operator:

84 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-021 Lab Sample ID: 460-10889-21

Matrix: GW Lab File ID: d17001.d

Analysis Method: 8260B Date Collected: 03/03/2010 14:00

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 10:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	18		1.0	0.18
75-00-3	Chloroethane	1.0	U *	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	830	E	1.0	0.25
110-82-7	Cyclohexane	16		1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	15		1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	110		1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	2500	E	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-021 Lab Sample ID: 460-10889-21

Matrix: GW Lab File ID: d17001.d

Analysis Method: 8260B Date Collected: 03/03/2010 14:00

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 10:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	0.87	J	1.0	0.16
1330-20-7	Xylenes, Total	3700	E	3.0	0.43
100-42-5	Styrene	0.81	J	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	9.9		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99	70-122	
460-00-4	4-Bromofluorobenzene	102	69-135	
2037-26-5	Toluene-d8 (Surr)	105	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-021 Lab Sample ID: 460-10889-21

Matrix: GW Lab File ID: d17001.d

Analysis Method: 8260B Date Collected: 03/03/2010 14:00

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 10:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

Number TICs Found: 10 TIC Result Total: 11750

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Trimethylbenzene isomer	10.12	750	T J
	Unknown Aromatic	10.22	930	T J
	Ethyldimethylbenzene isomer	10.29	1100	T J
	Ethyldimethylbenzene isomer-1	10.52	1400	T J
	Ethyldimethylbenzene isomer-2	10.57	1400	T J
	Tetramethylbenzene isomer	10.86	1100	T J
	Tetramethylbenzene isomer-1	10.90	1600	T J
	2,3-dihydro-methyl-1H-Indene isomer	11.05	570	T J
	2,3-dihydro-methyl-1H-Indene isomer-1	11.18	1500	T J
91-20-3	Naphthalene	11.70	1400	E

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17001.d
Report Date: 08-Mar-2010 12:25

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17001.d
Lab Smp Id: 460-10889-B-21 Client Smp ID: GW-017338-030310-RA
Inj Date : 08-MAR-2010 10:08
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-B-21
Misc Info : 460-10889-B-21
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 08-Mar-2010 12:19 desais Quant Type: ISTD
Cal Date : 08-MAR-2010 08:03 Cal File: d16997.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 MTBE	73	2.846	2.829	(0.595)	159900	18.2644	18
	44 Cyclohexane	56	3.805	3.788	(0.795)	80194	16.2145	16
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.517	4.505	(0.943)	22384	49.7221	50
	48 Benzene	78	4.382	4.376	(0.538)	226065	15.1676	15
*	52 Fluorobenzene	96	4.787	4.782	(1.000)	506986	50.0000	
	56 Methyl cyclohexane	83	4.935	4.935	(1.031)	617299	112.893	110
$	65 Toluene-d8 (SUR)	98	6.534	6.523	(0.802)	536241	52.7069	53
	66 Toluene	91	6.576	6.582	(0.807)	38216614	2539.27	2500(AM)
*	78 Chlorobenzene-d5	117	8.146	8.140	(1.000)	415679	50.0000	
	79 Chlorobenzene	112	8.158	8.158	(1.001)	7814	0.87006	0.87(a)
	81 Ethylbenzene	106	8.211	8.205	(1.008)	4113396	826.039	830(A)
	82 m+p-Xylene	106	8.352	8.346	(1.025)	15359421	2497.46	2500(A)
	84 o-Xylene	106	8.723	8.717	(1.071)	7176719	1180.15	1200(A)
	85 Styrene	104	8.770	8.764	(1.077)	7519	0.80600	0.80(a)
	88 Isopropylbenzene	105	8.993	8.993	(1.104)	165430	9.90897	9.9
$	89 Bromofluorobenzene (SUR)	174	9.211	9.205	(0.914)	174559	51.0478	51

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17001.d
Report Date: 08-Mar-2010 12:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	95 n-Propylbenzene	91	9.334	9.328	(0.926)	227955	11.7164	12
	97 1,3,5-Trimethylbenzene	105	9.499	9.493	(0.942)	335384	24.1552	24
	101 1,2,4-Trimethylbenzene	105	9.793	9.793	(0.971)	2885010	196.335	200
	103 sec-Butylbenzene	105	9.875	9.875	(0.980)	135907	7.44482	7.4
*	108 1,4-Dichlorobenzene-d4	152	10.081	10.081	(1.000)	226891	50.0000	
	116 Naphthalene	128	11.705	11.705	(1.161)	18164043	1406.28	1400(AM)
M	121 Xylene (Total)	100				22536140	3677.61	3700

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17001.d
Report Date: 08-Mar-2010 12:25

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17001.d
Lab Smp Id: 460-10889-B-21 Client Smp ID: GW-017338-030310-RA
Inj Date : 08-MAR-2010 10:08
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-B-21
Misc Info : 460-10889-B-21
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 08-Mar-2010 12:19 desais Quant Type: ISTD
Cal Date : 08-MAR-2010 08:03 Cal File: d16997.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 108 1,4-Dichlorobenzene-d4	10.081	1411947	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Trimethylbenzene isomer						CAS #:	
10.122	21207850	751.014340	750	0		0	108
Unknown Aromatic						CAS #:	
10.217	26352752	933.206057	930	0		0	108
Ethyldimethylbenzene isomer						CAS #:	
10.293	31356836	1110.41117	1100	0		0	108

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17001.d
Report Date: 08-Mar-2010 12:25

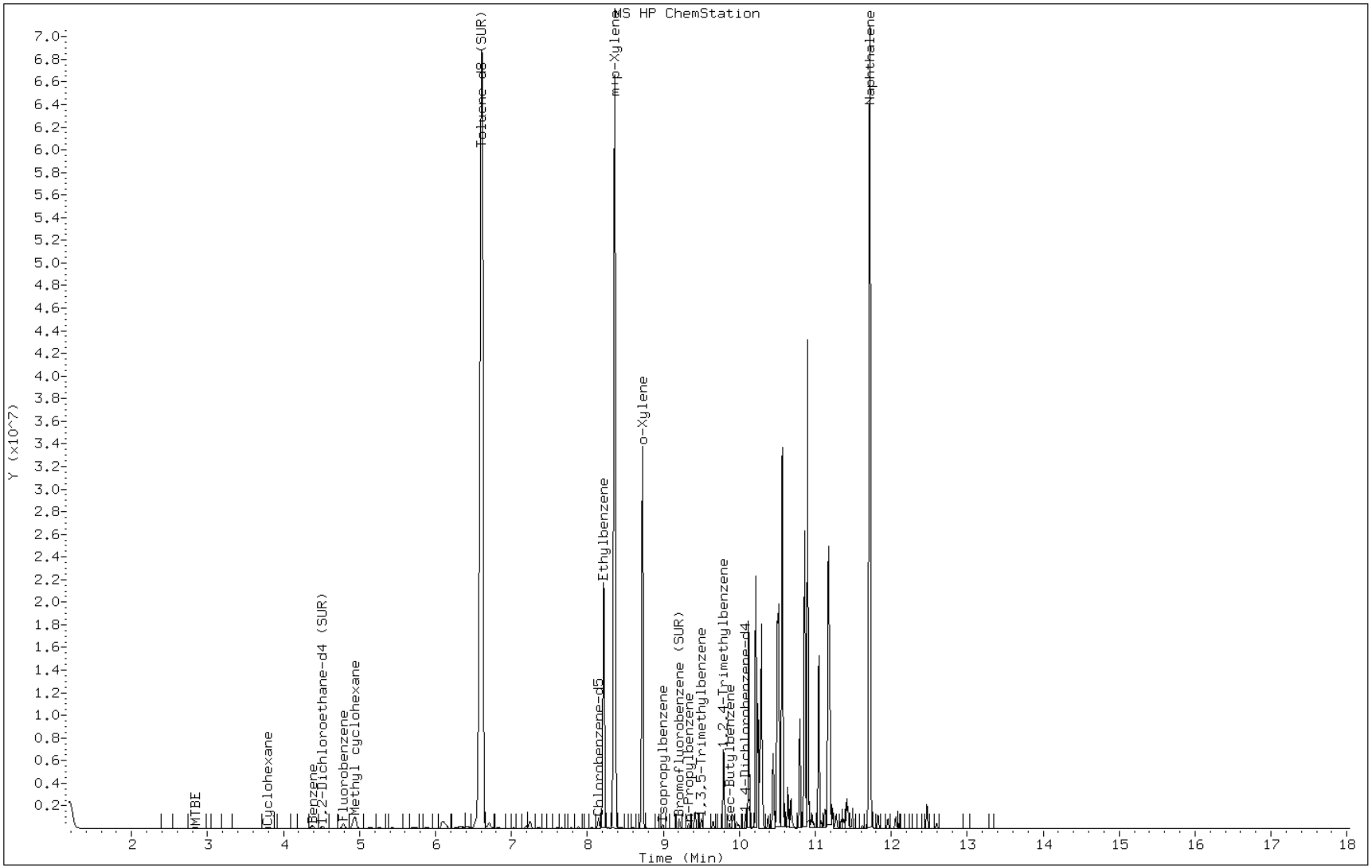
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Ethyldimethylbenzene isomer-1					CAS #:		
10.517	38409960	1360.17701	1400	0		0	108
Ethyldimethylbenzene isomer-2					CAS #:		
10.569	38342504	1357.78828	1400	0		0	108
Ethyldimethylbenzene isomer-3					CAS #:		
10.793	10561289	373.997339	370	0		0	108
Tetramethylbenzene isomer					CAS #:		
10.858	30211744	1069.86104	1100	0		0	108
Tetramethylbenzene isomer-1					CAS #:		
10.899	45294399	1603.96943	1600	0		0	108
2,3-dihydro-methyl-1H-Indene isomer					CAS #:		
11.046	16125933	571.053024	570	0		0	108
2,3-dihydro-methyl-1H-Indene isomer-1					CAS #:		
11.175	41824307	1481.08620	1500	0		0	108

Data File: d17001.d

Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:



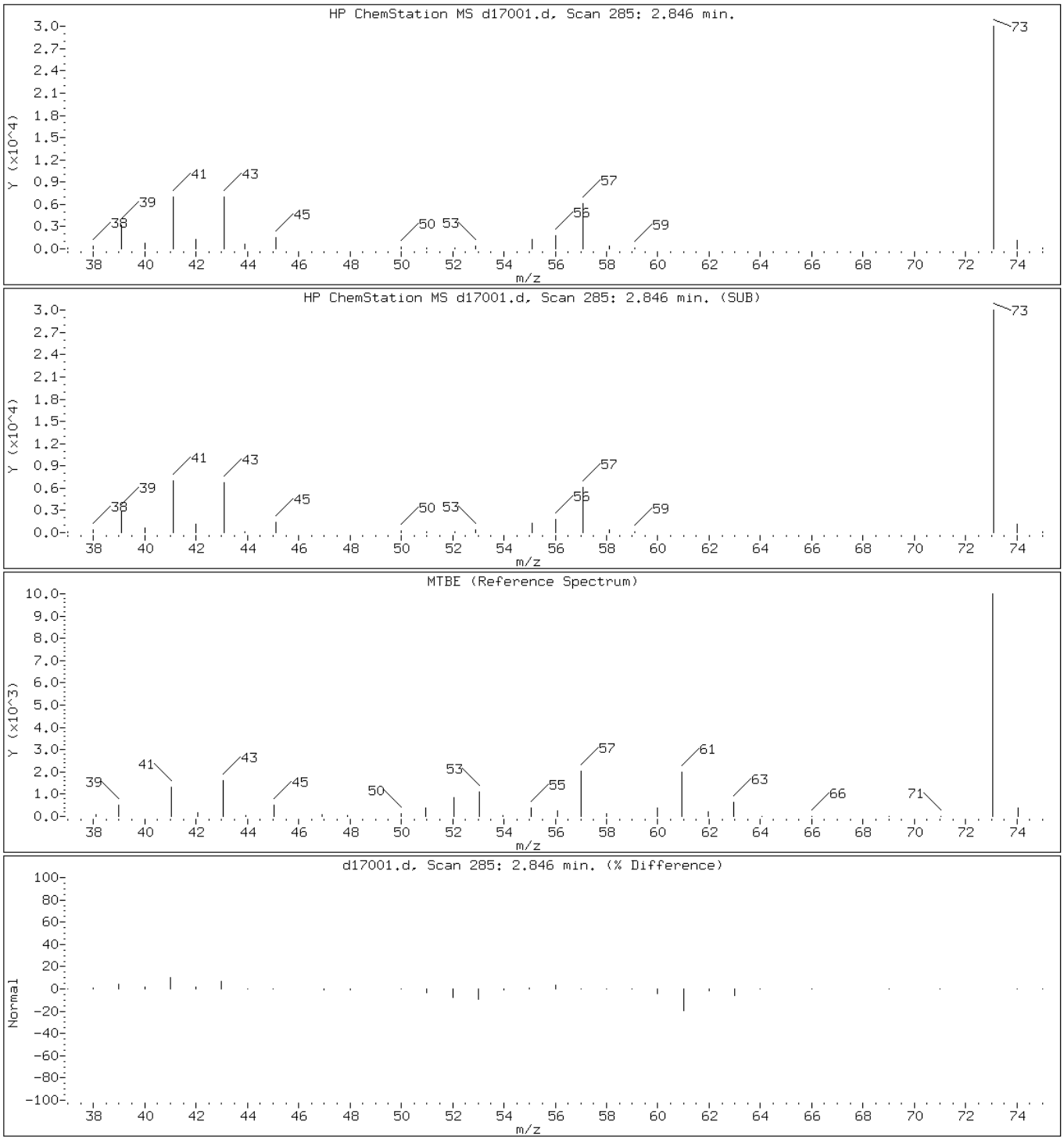
Data File: d17001.d

Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:

28 MTBE



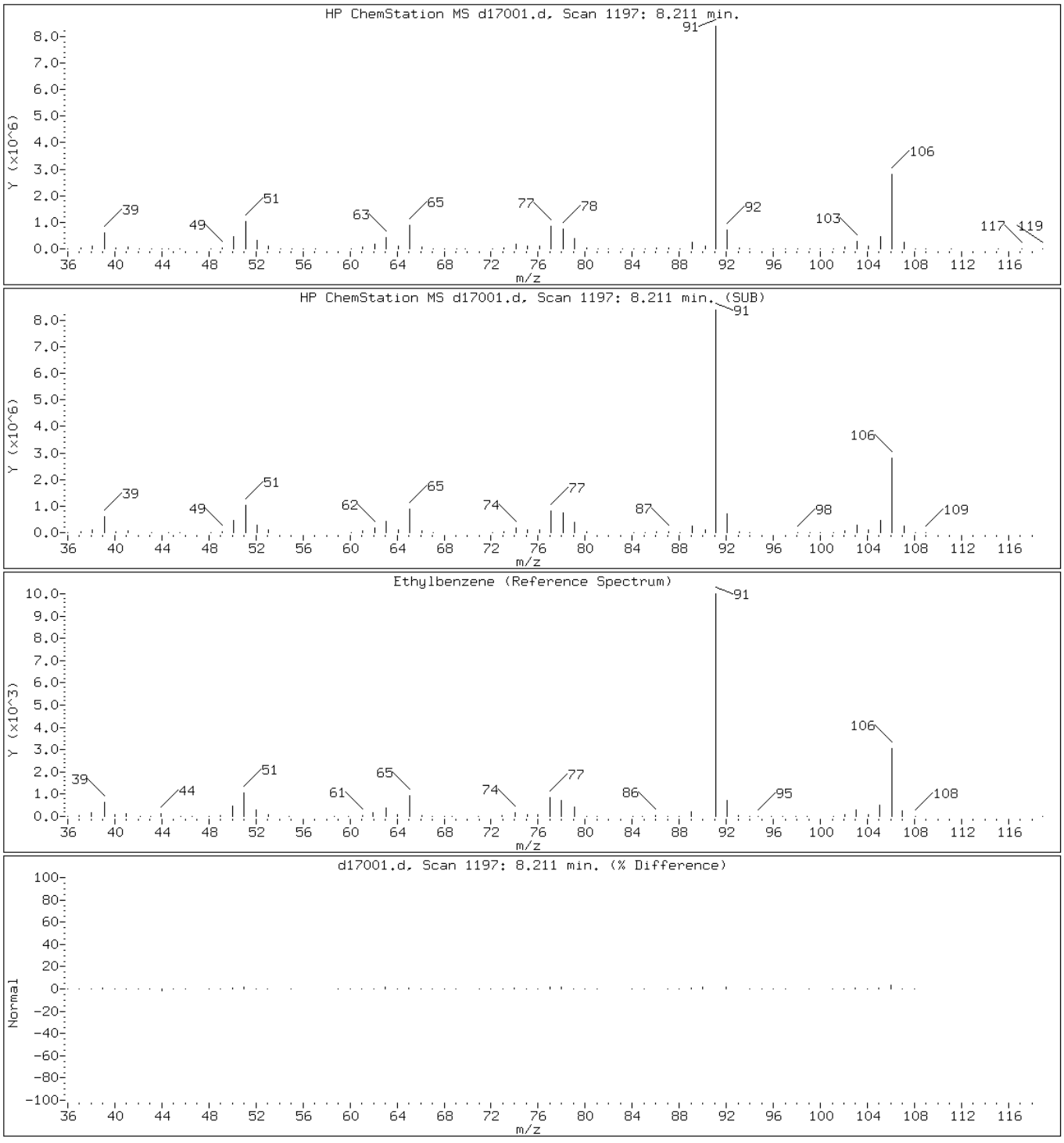
Data File: d17001.d

Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:

81 Ethylbenzene



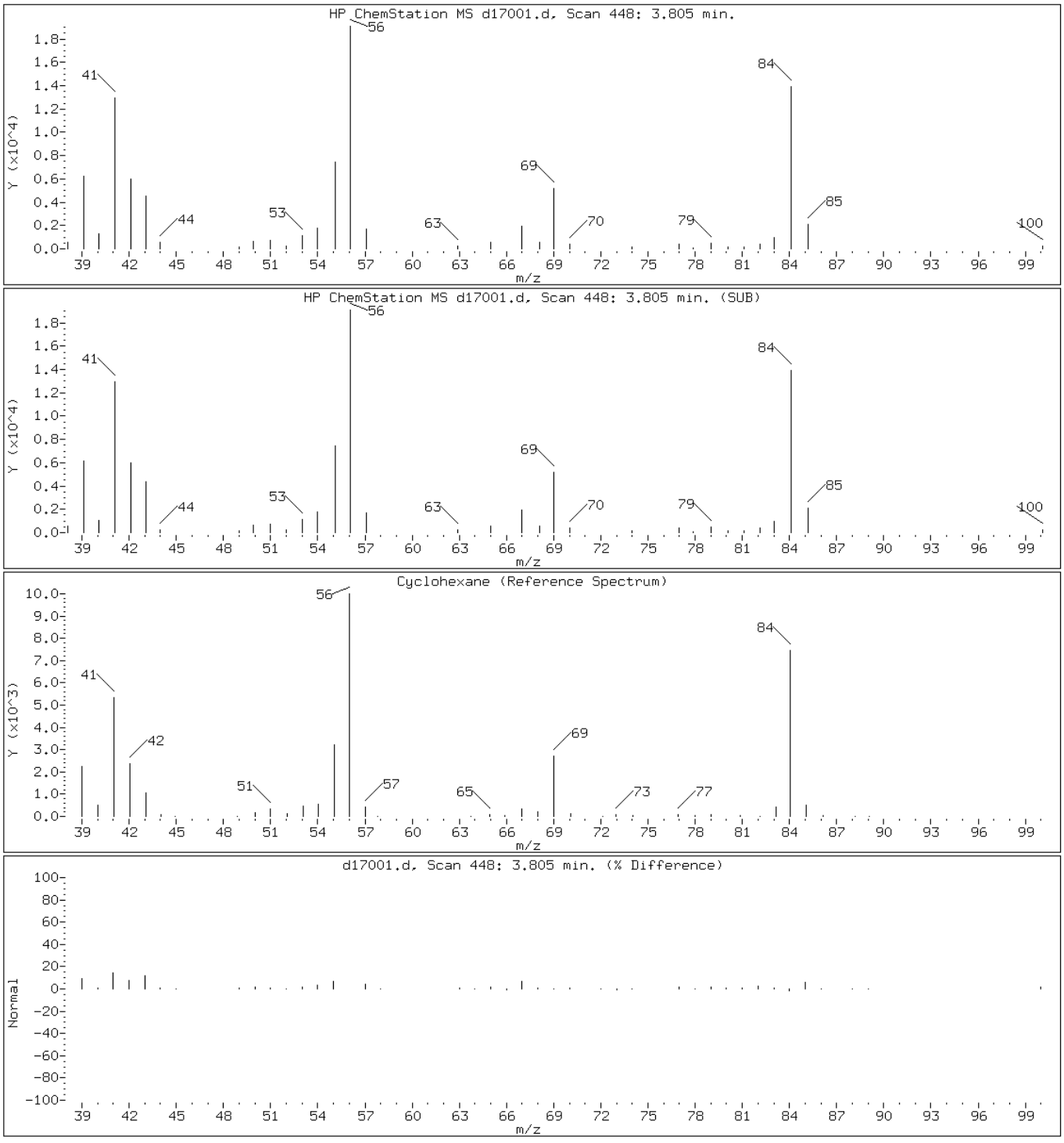
Data File: d17001.d

Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:

44 Cyclohexane



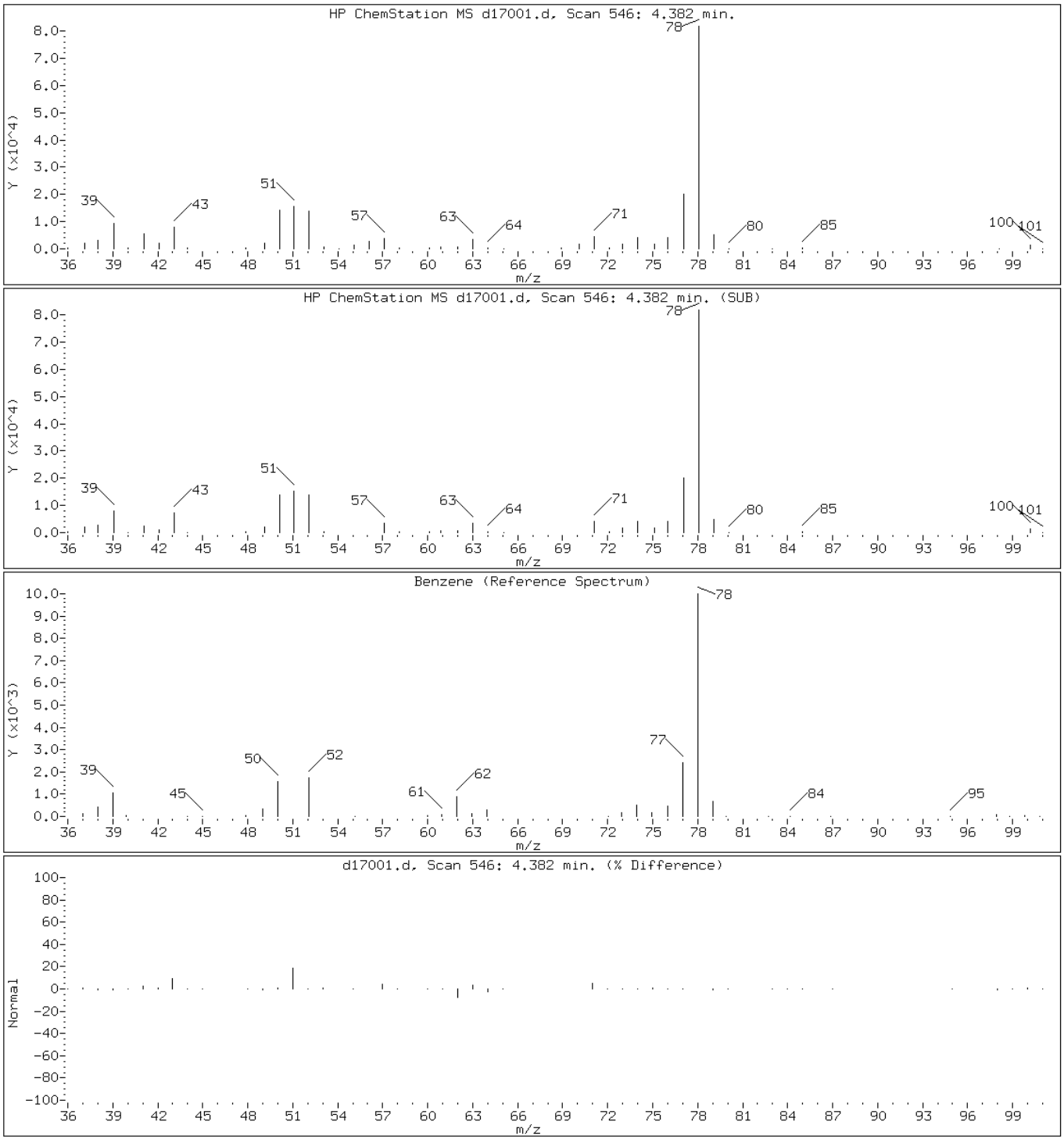
Data File: d17001.d

Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:

48 Benzene



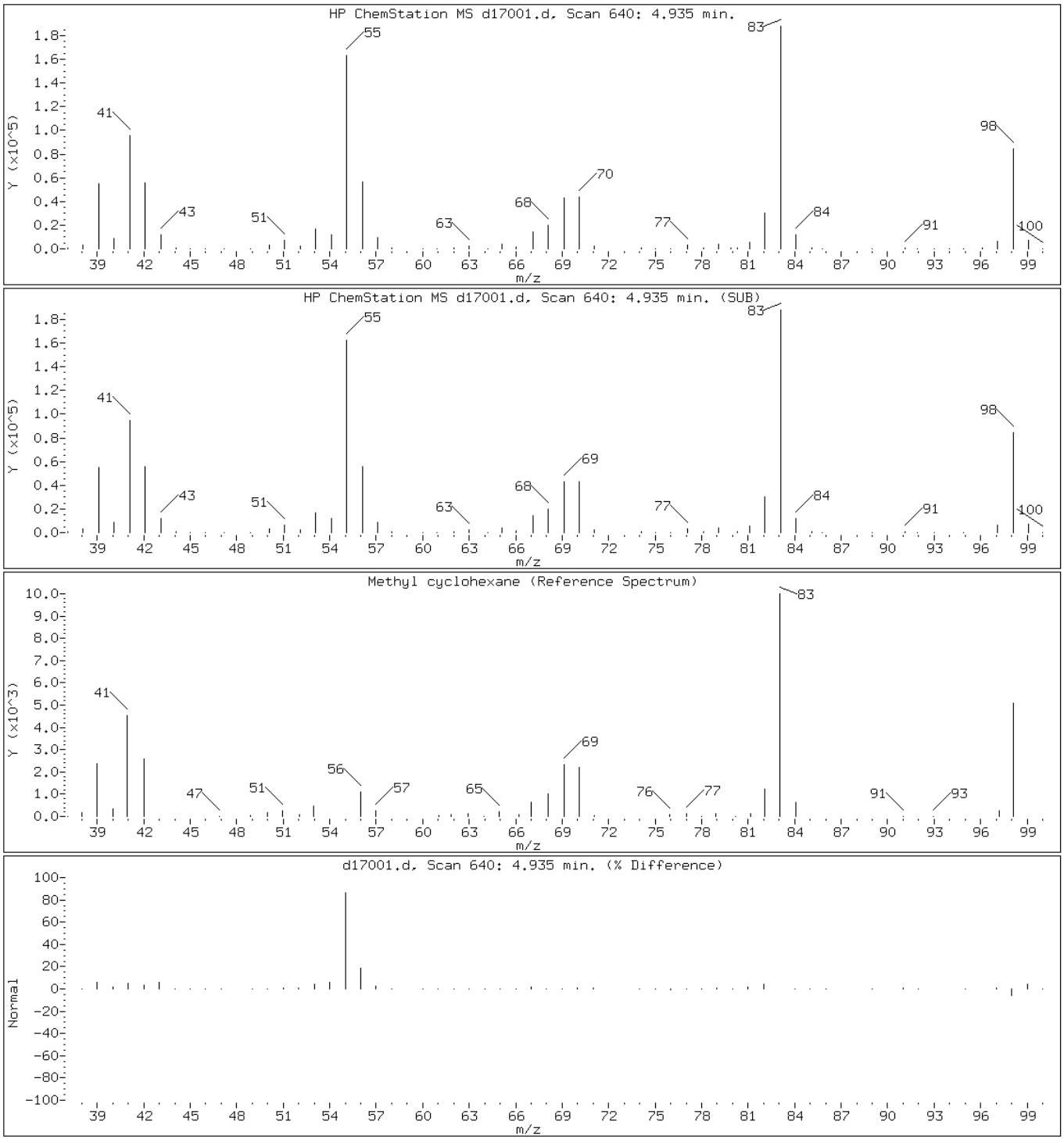
Data File: d17001.d

Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:

56 Methyl cyclohexane



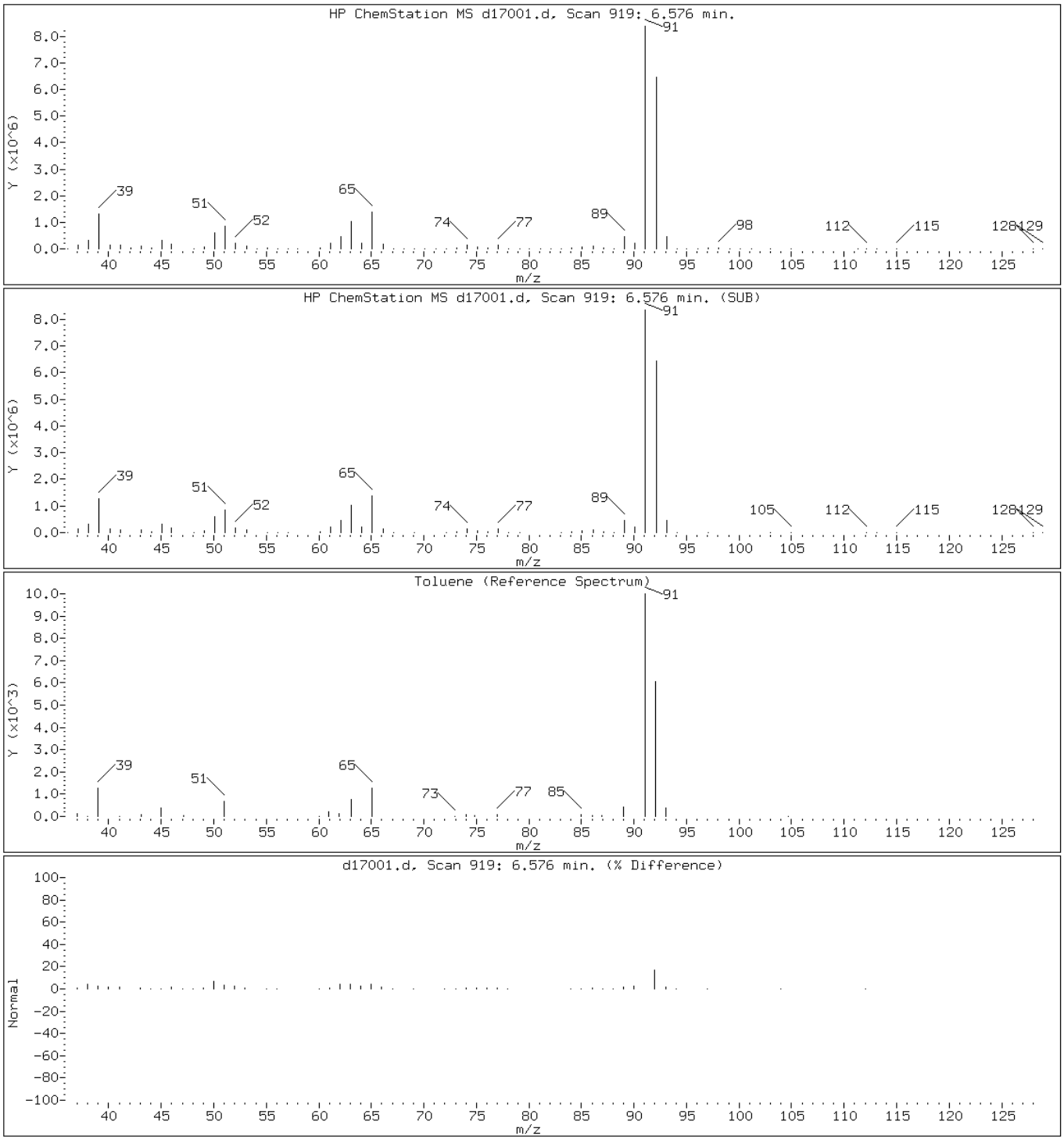
Data File: d17001.d

Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:

66 Toluene



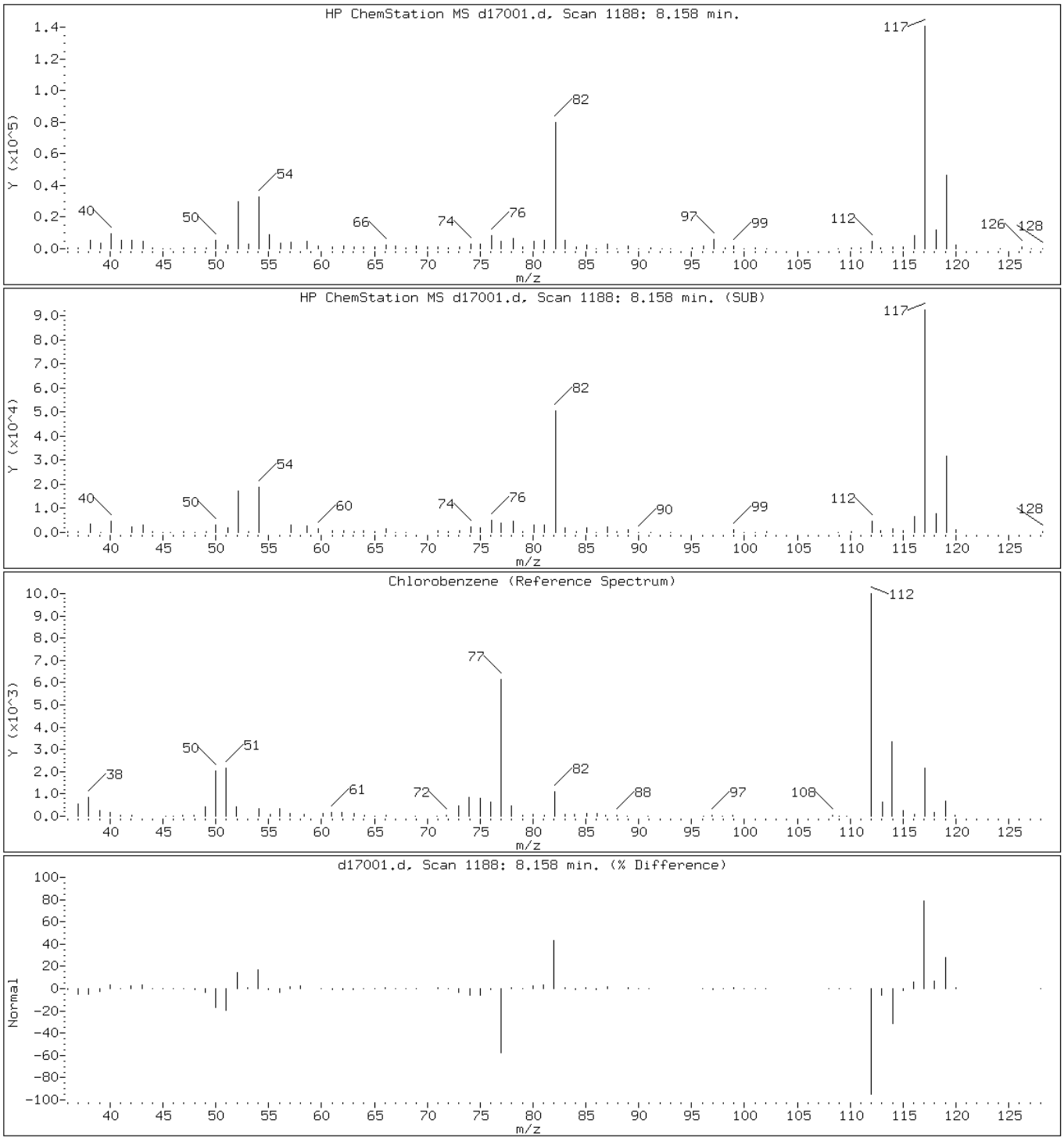
Data File: d17001.d

Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:

79 Chlorobenzene



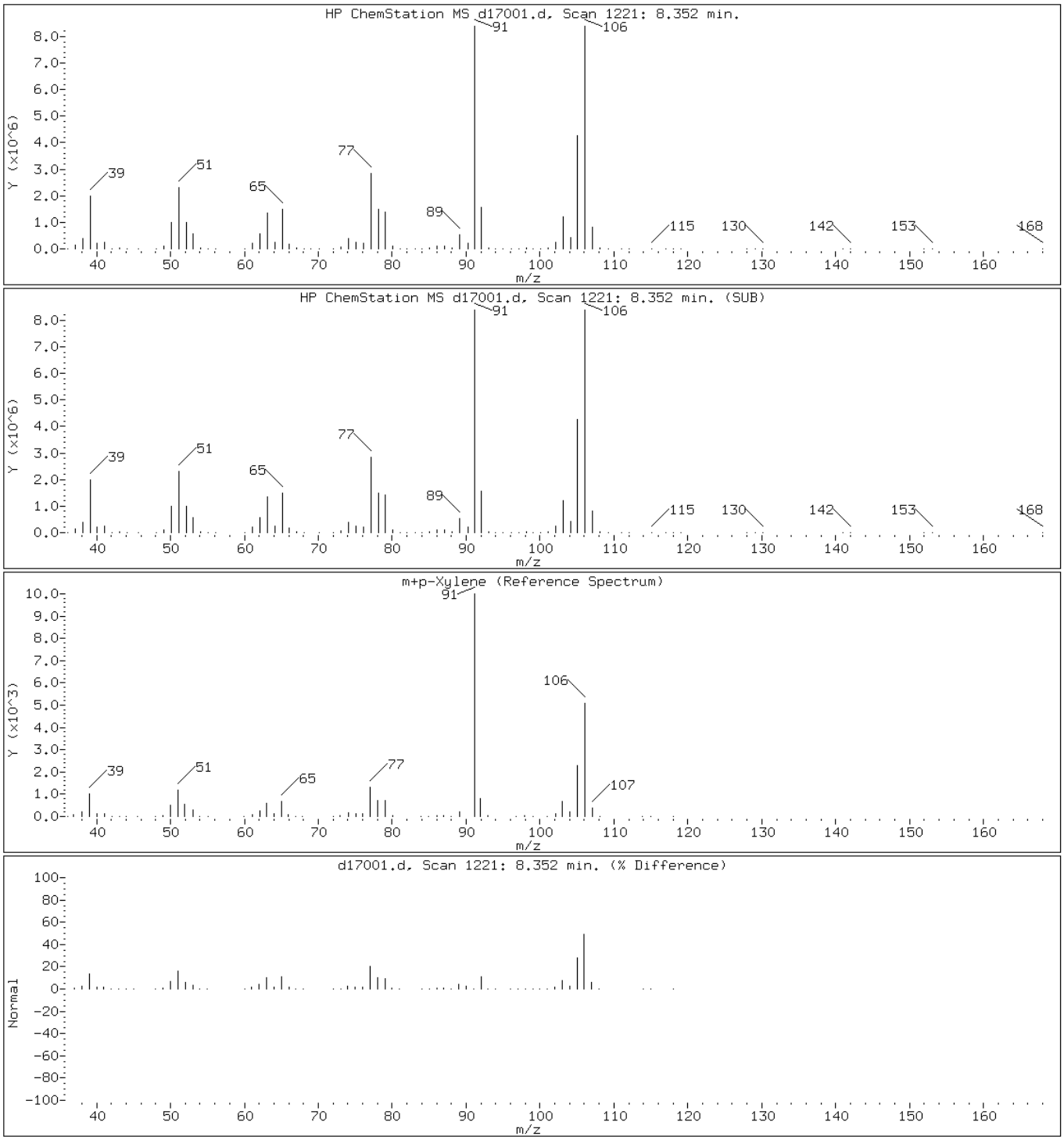
Data File: d17001.d

Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:

82 m+p-Xylene



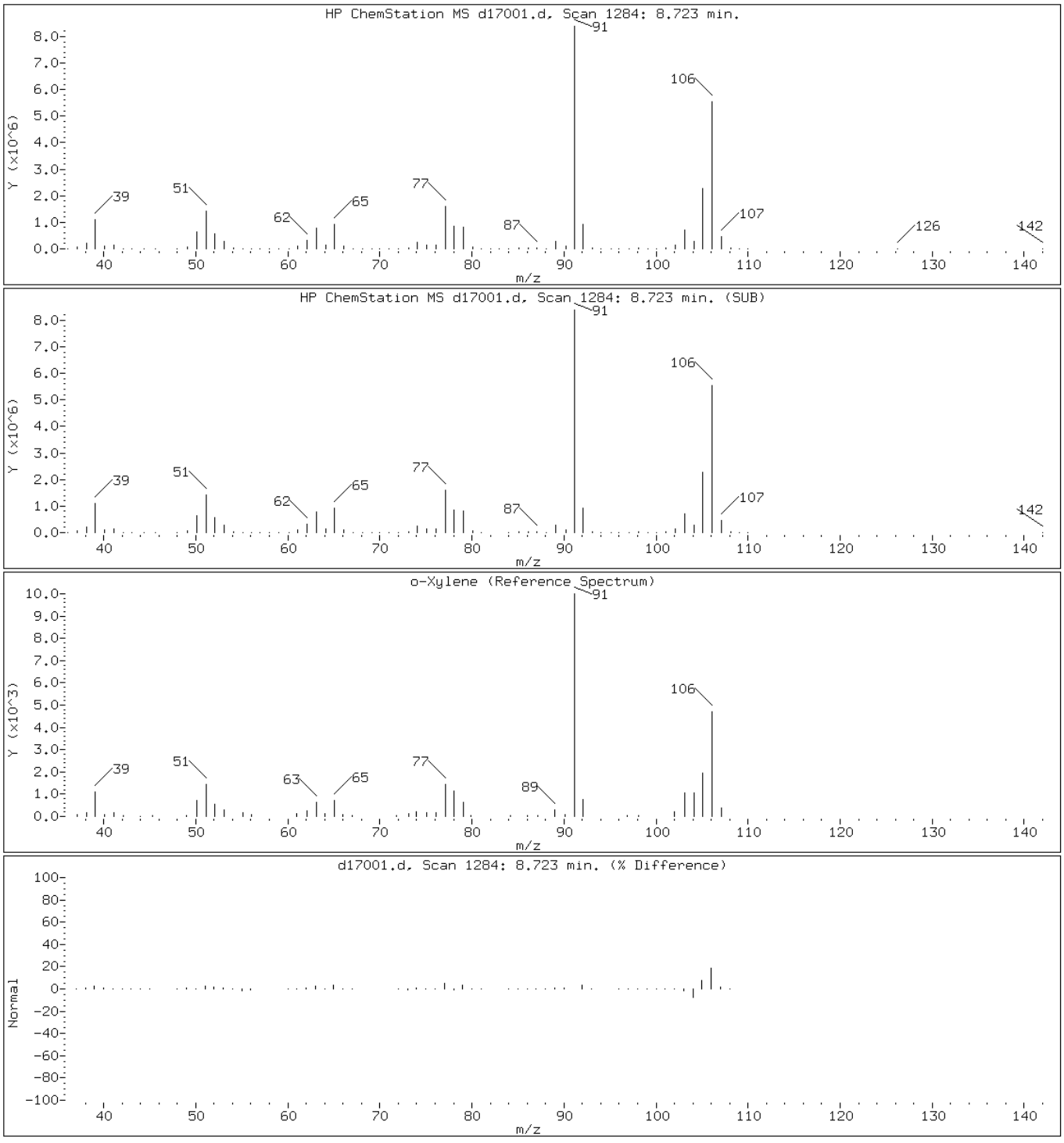
Data File: d17001.d

Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:

84 o-Xylene



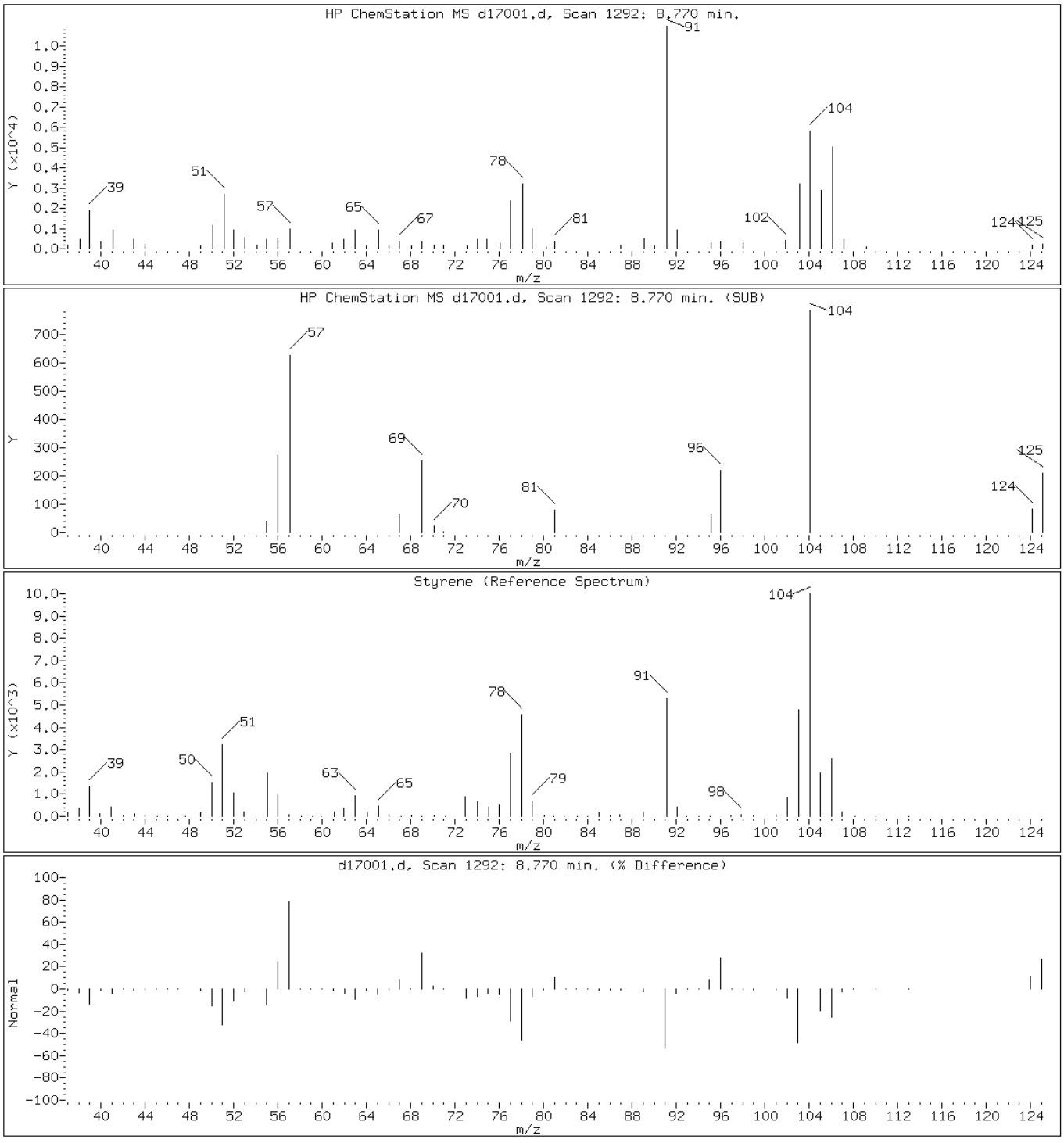
Data File: d17001.d

Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:

85 Styrene



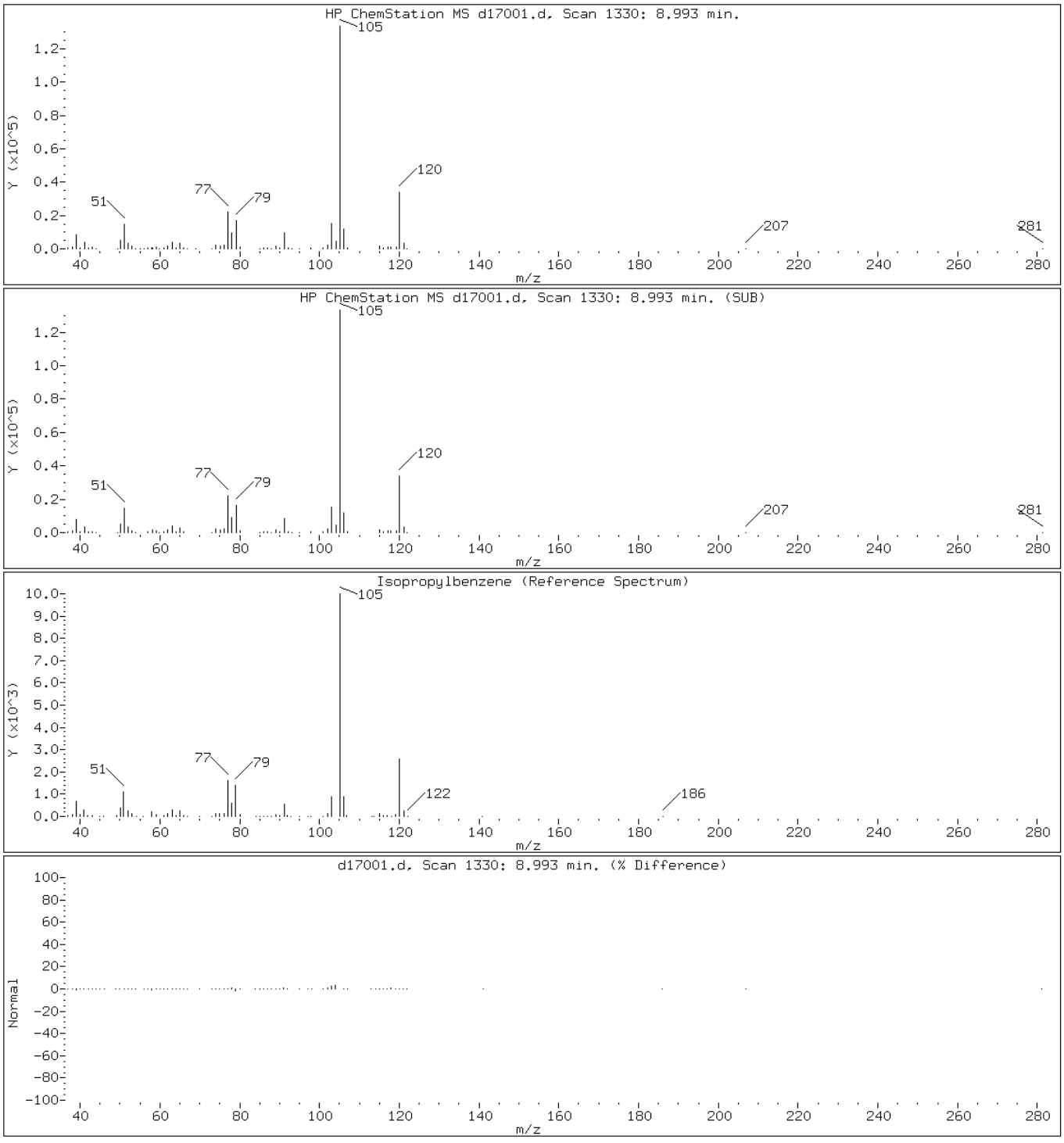
Data File: d17001.d

Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:

88 Isopropylbenzene



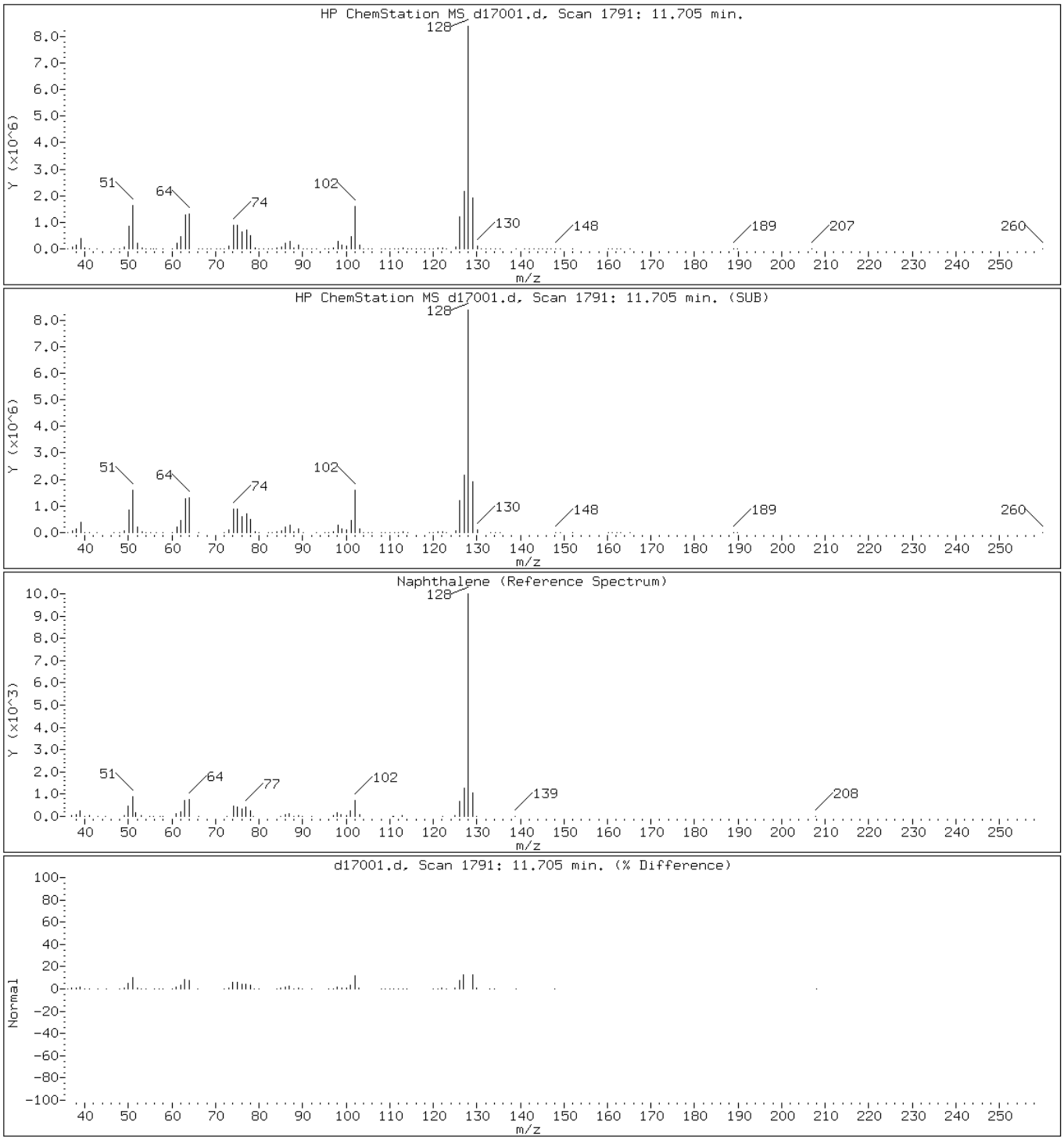
Data File: d17001.d

Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:

116 Naphthalene



Manual Integration Report

Data File: d17001.d
Inj. Date and Time: 08-MAR-2010 10:08
Instrument ID: VOAMS4.i
Client ID: GW-017338-030310-RA
Compound: 66 Toluene
CAS #: 108-88-3
Report Date: 03/08/2010

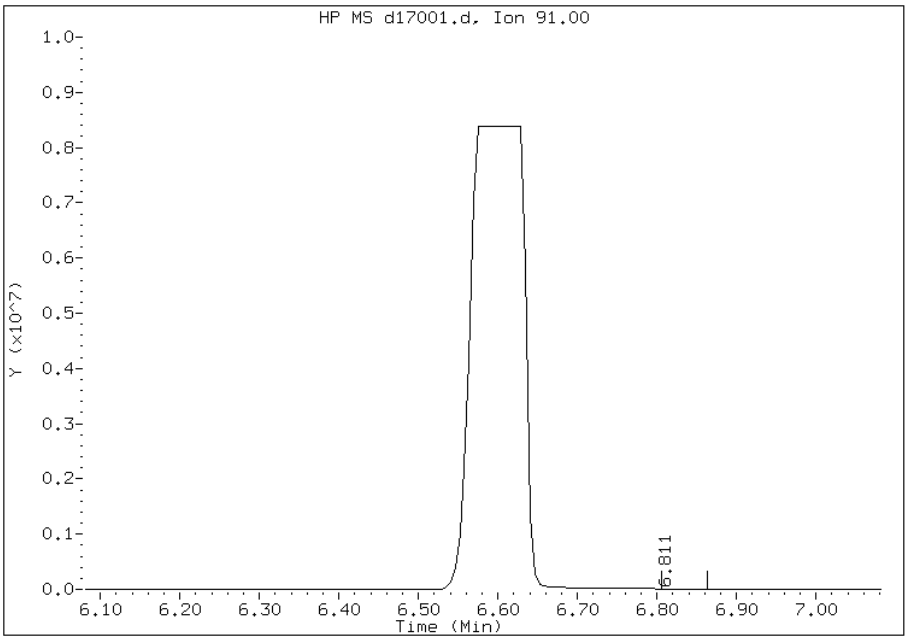
Processing Integration Results

RT: 6.81

Response: 15547

Amount: 1

Conc: 1



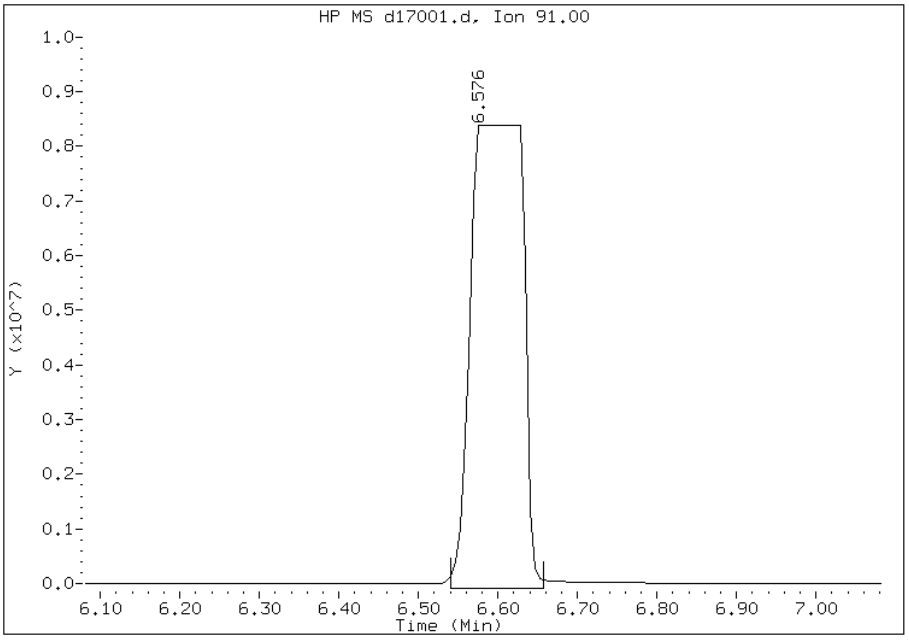
Manual Integration Results

RT: 6.58

Response: 38216614

Amount: 2539

Conc: 2539



Manually Integrated By: desais
Manual Integration Reason:

Manual Integration Report

Data File: d17001.d
Inj. Date and Time: 08-MAR-2010 10:08
Instrument ID: VOAMS4.i
Client ID: GW-017338-030310-RA
Compound: 116 Naphthalene
CAS #: 91-20-3
Report Date: 03/08/2010

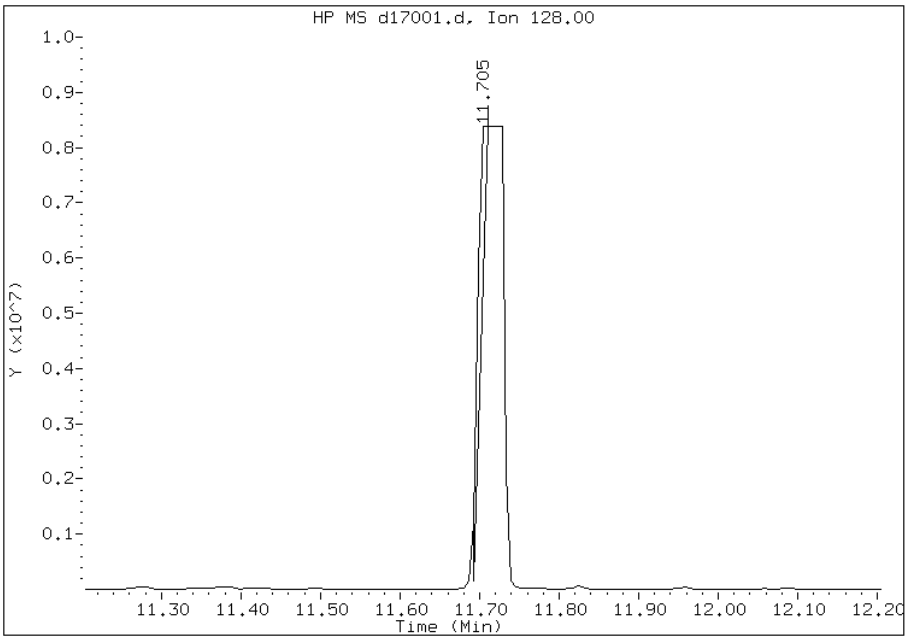
Processing Integration Results

RT: 11.70

Response: 2384992

Amount: 185

Conc: 185



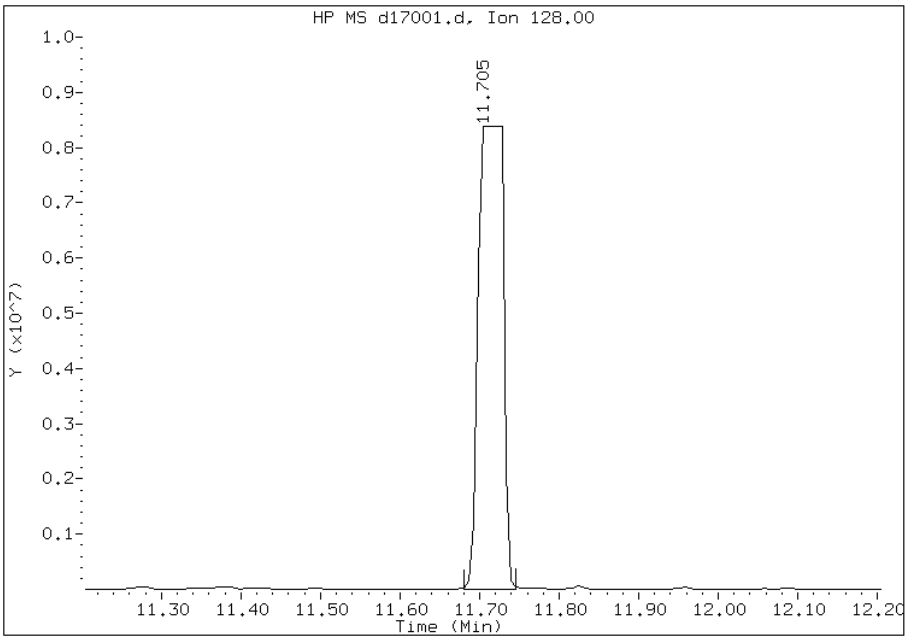
Manual Integration Results

RT: 11.70

Response: 18164043

Amount: 1406

Conc: 1406



Manually Integrated By: desais
Manual Integration Reason:

Data File: d17001.d

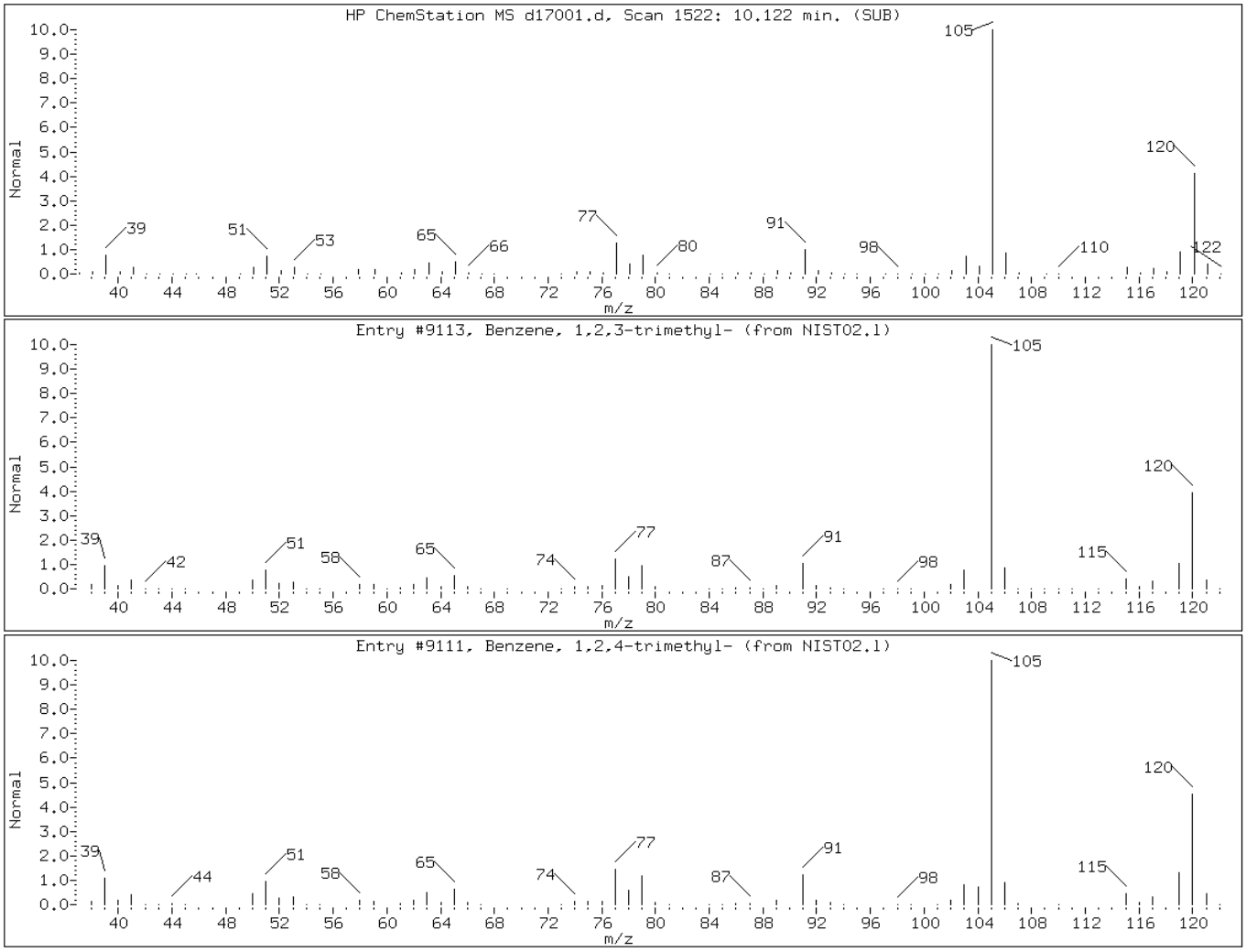
Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:

Retention Time: 10.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9113	95	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.l	9111	94	C9H12	120



Data File: d17001.d

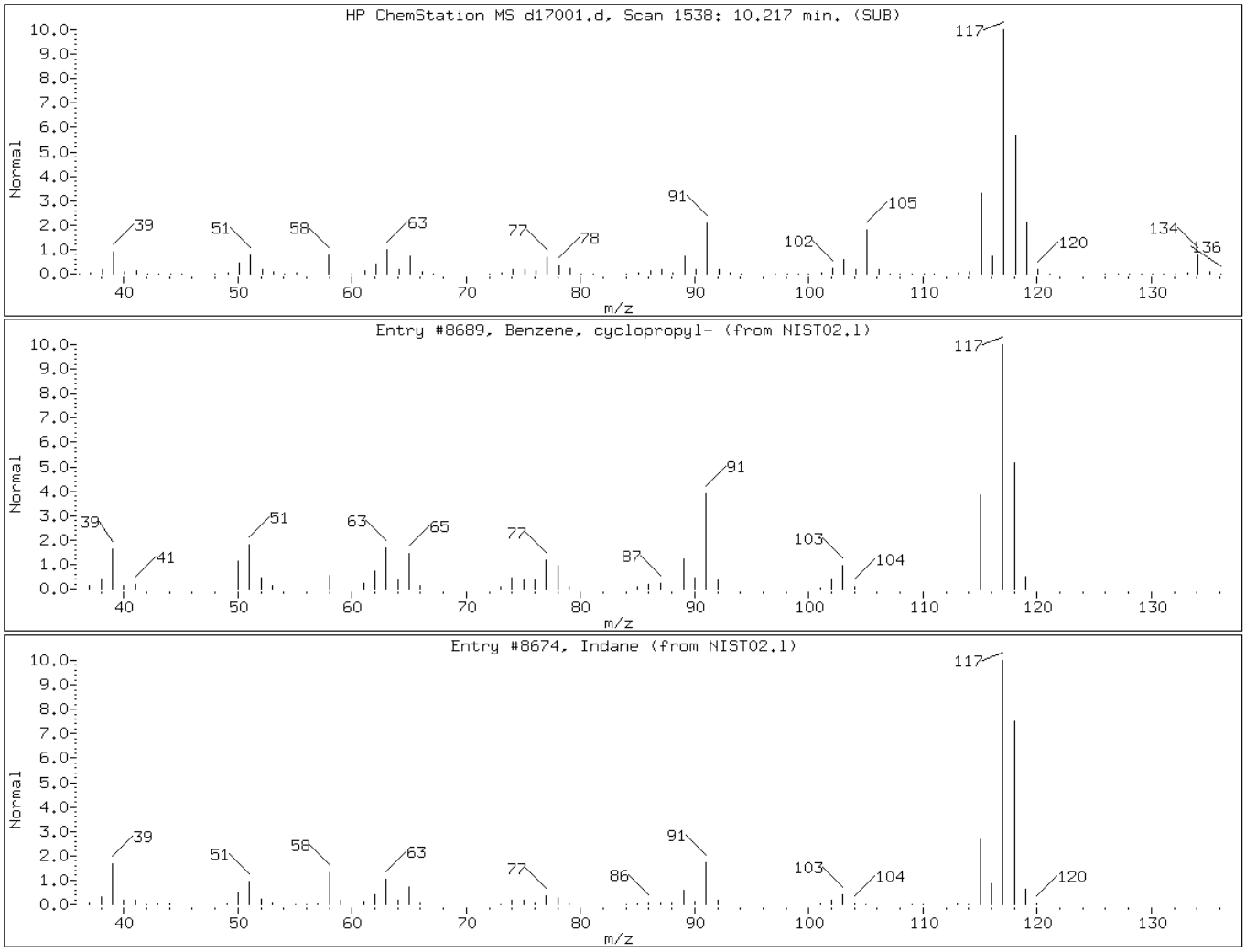
Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:

Retention Time: 10.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, cyclopropyl-	873-49-4	NIST02.l	8689	92	C9H10	118
Indane	496-11-7	NIST02.l	8674	76	C9H10	118



Data File: d17001.d

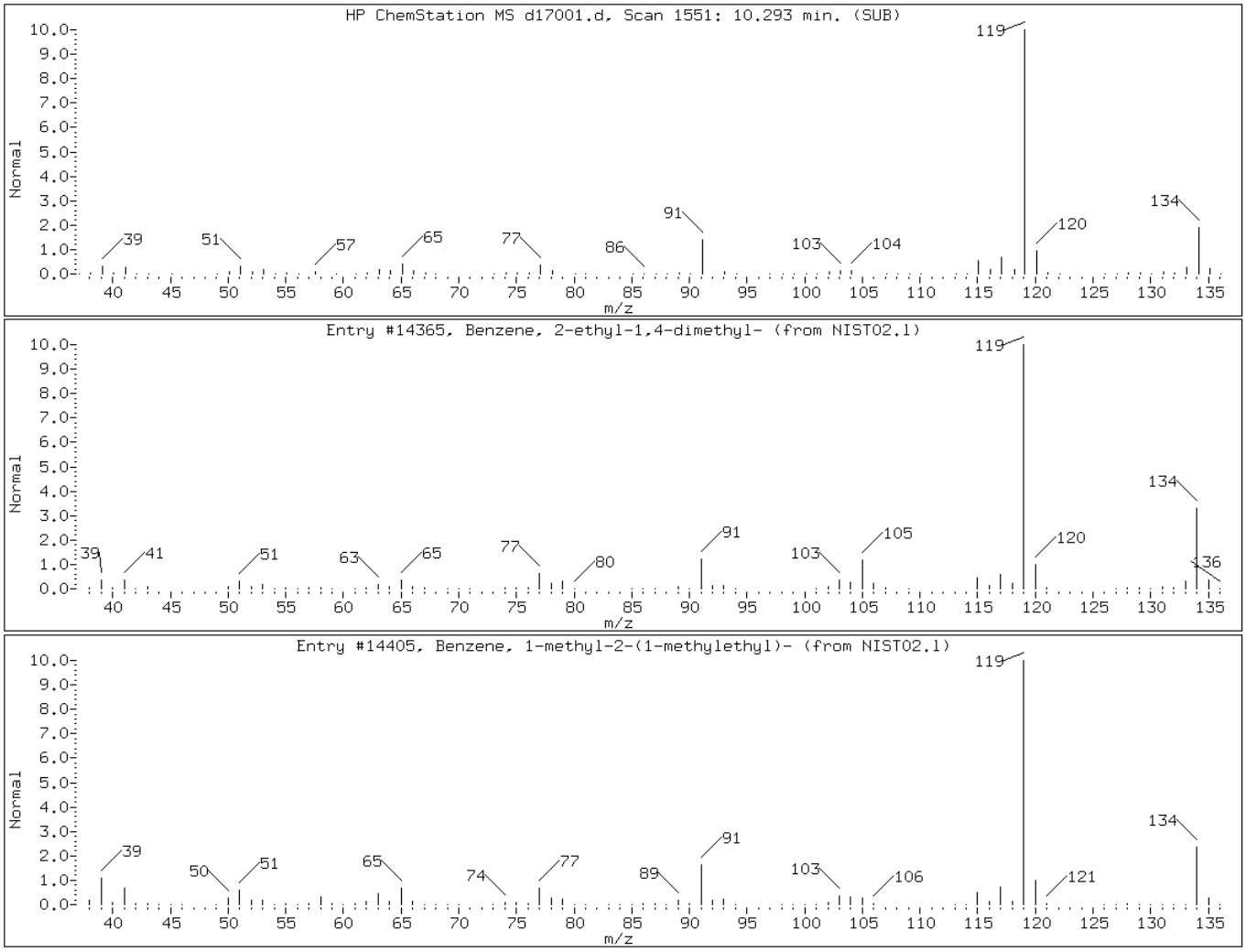
Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:

Retention Time: 10.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14365	91	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14405	91	C10H14	134



Data File: d17001.d

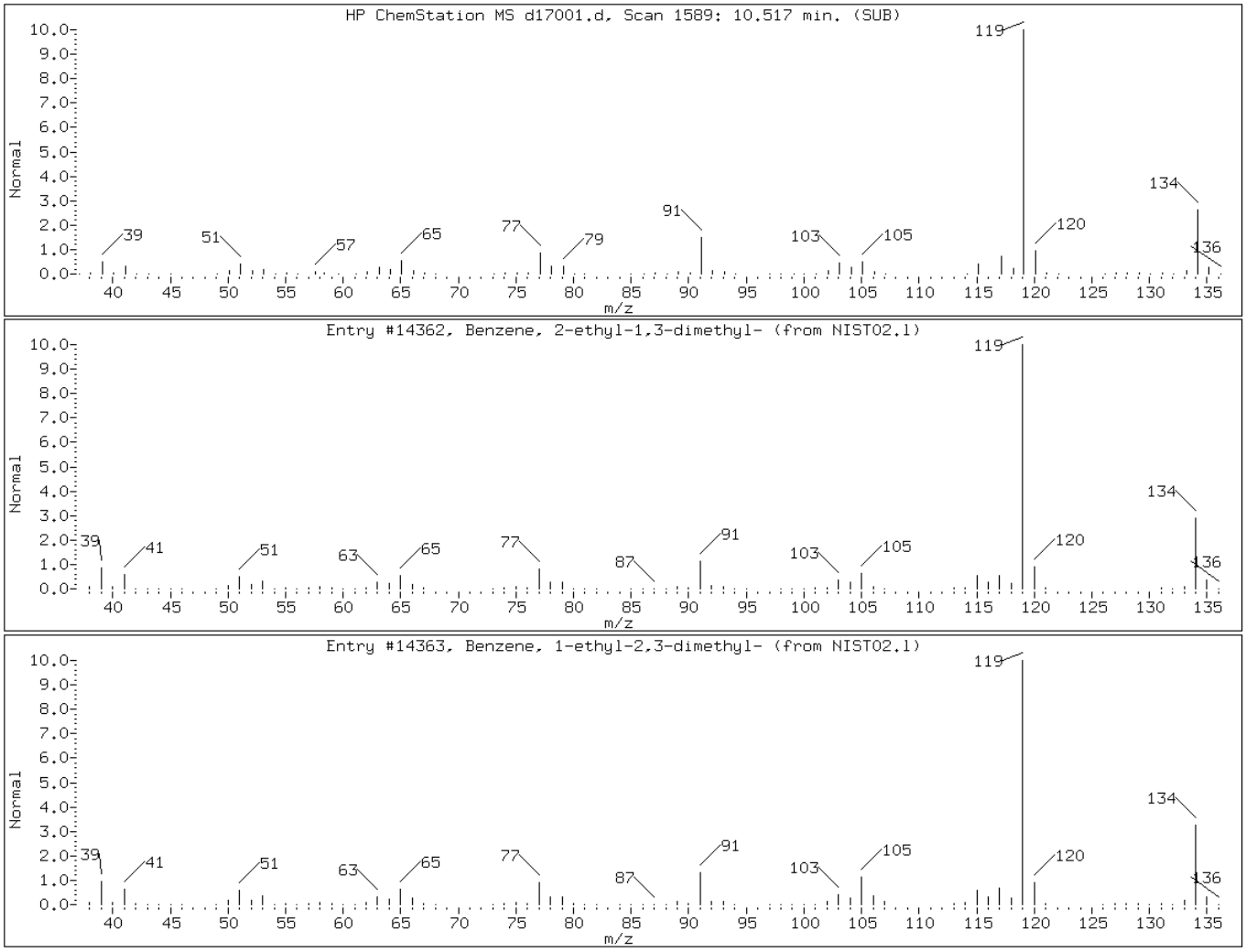
Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:

Retention Time: 10.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-1						
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14362	94	C10H14	134
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14363	91	C10H14	134



Data File: d17001.d

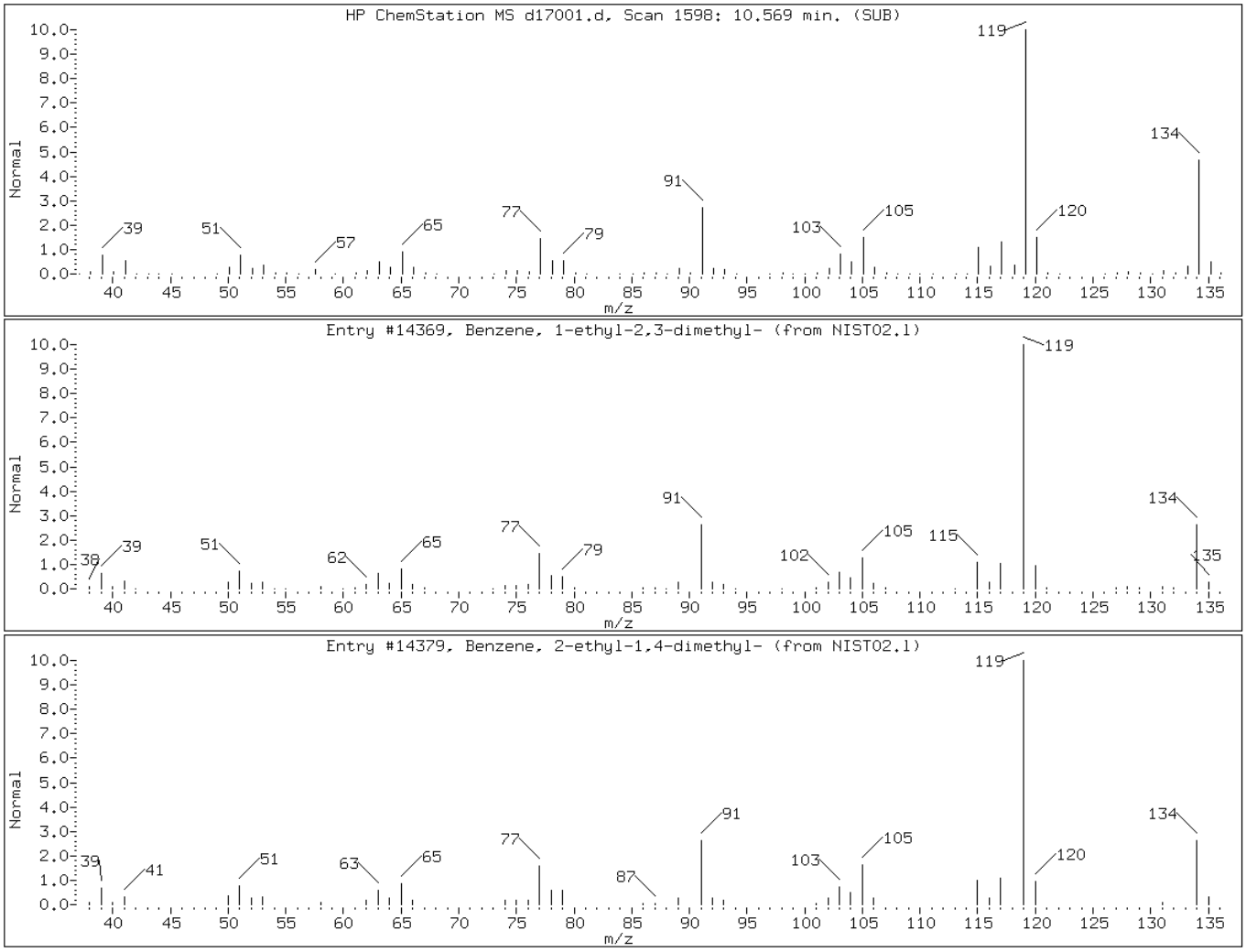
Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:

Retention Time: 10.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-2						
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14369	97	C10H14	134
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14379	95	C10H14	134



Data File: d17001.d

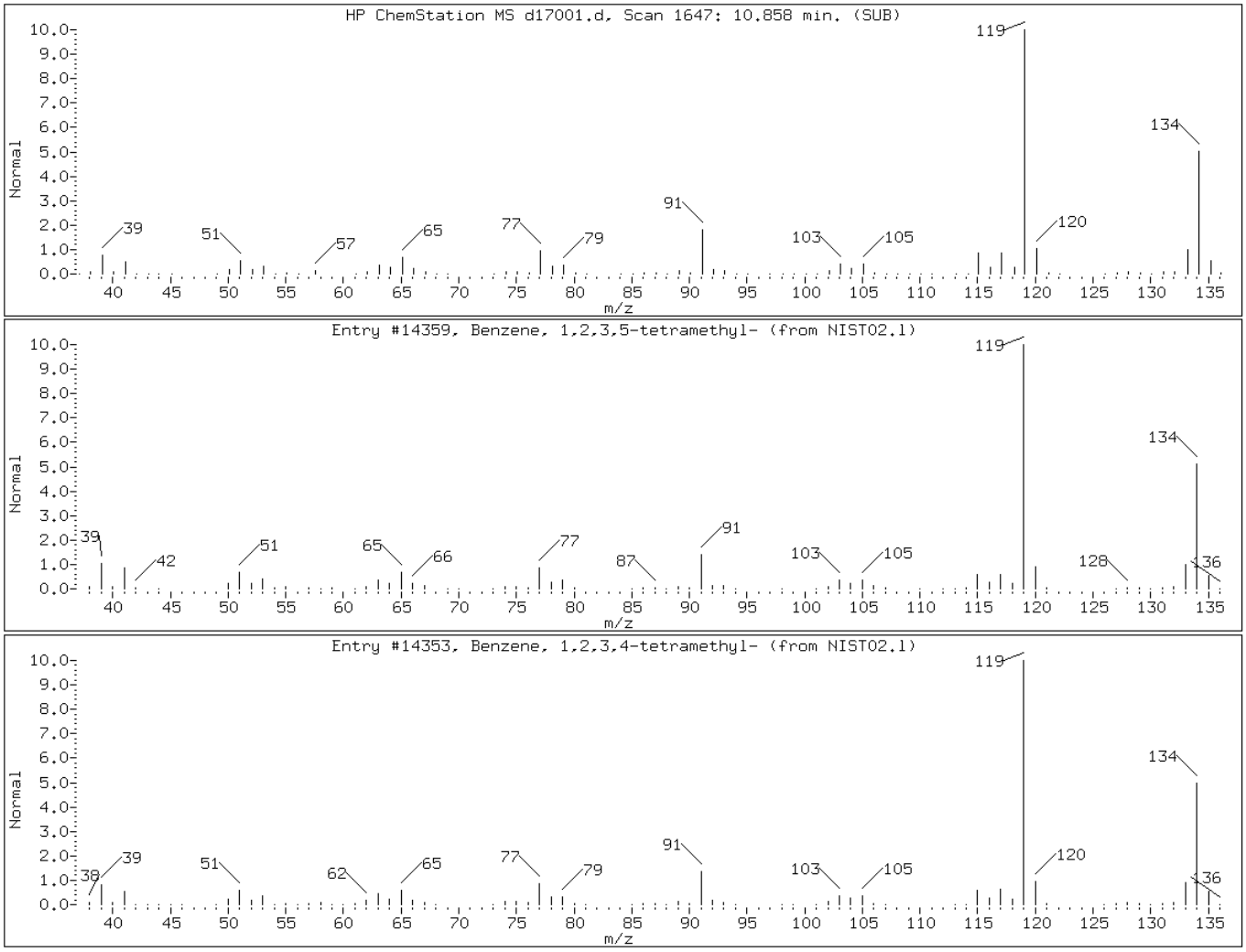
Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:

Retention Time: 10.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14359	97	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14353	96	C10H14	134



Data File: d17001.d

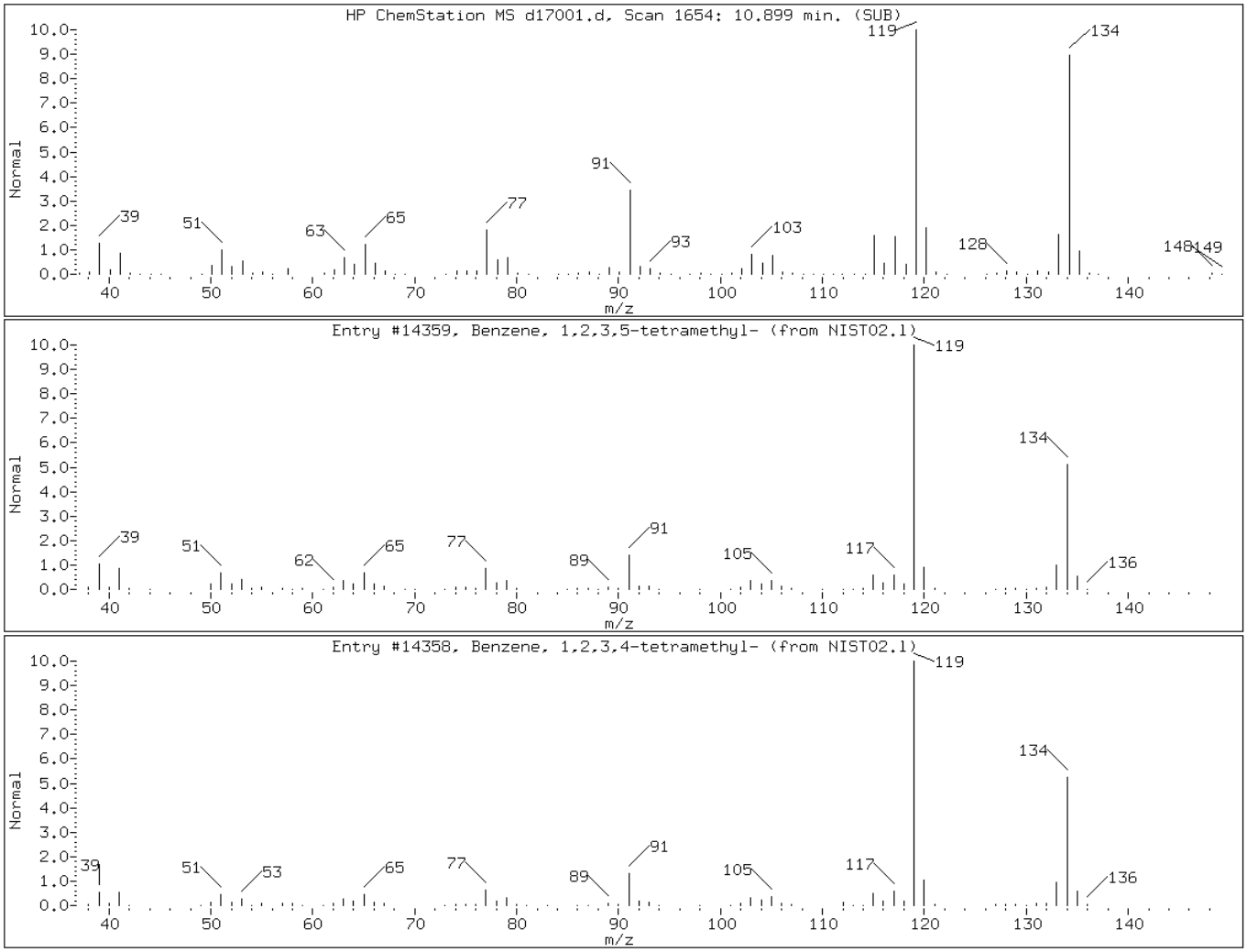
Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:

Retention Time: 10.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer-1						
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14359	90	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14358	90	C10H14	134



Data File: d17001.d

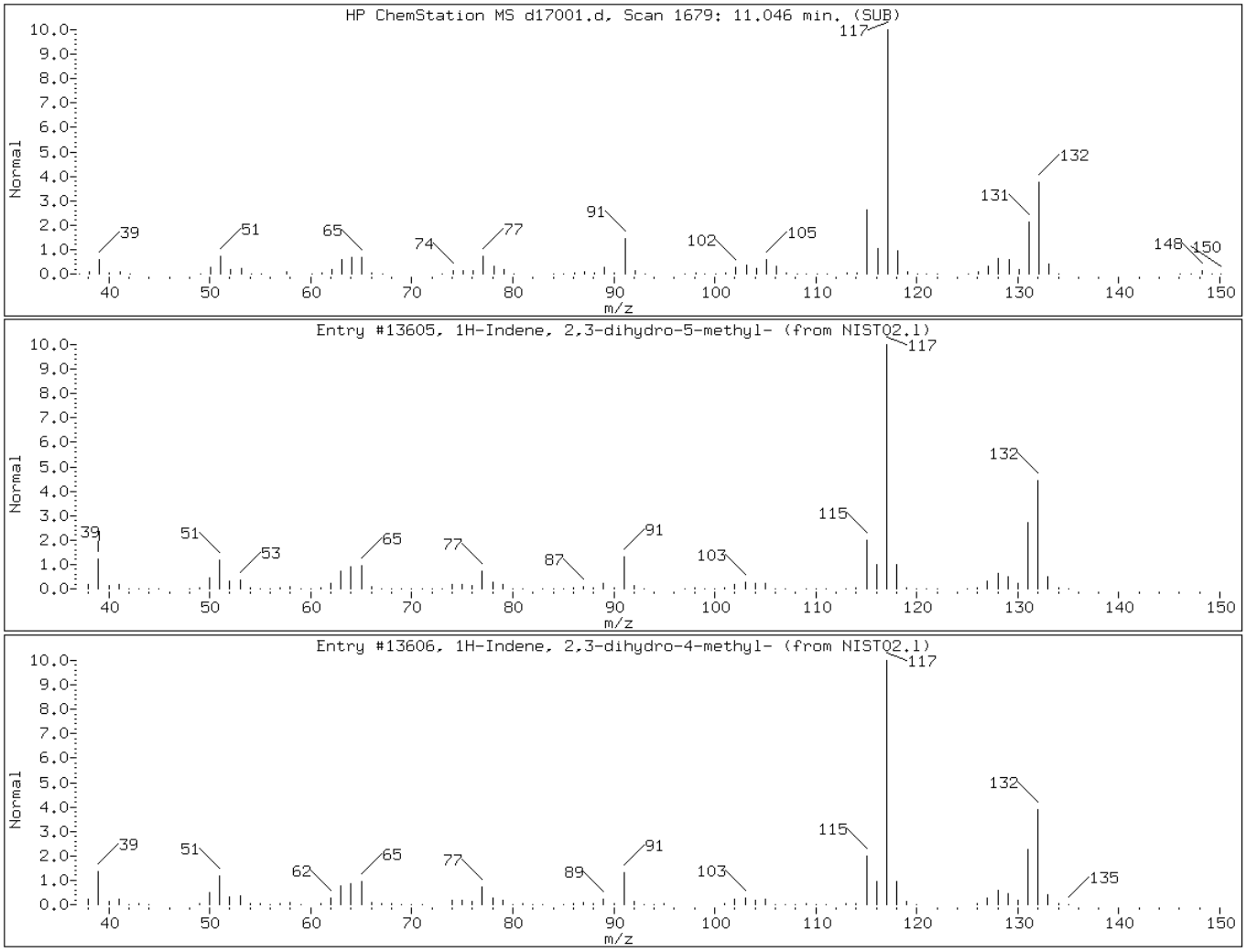
Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:

Retention Time: 11.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
1H-Indene, 2,3-dihydro-5-methyl-	874-35-1	NIST02.l	13605	95	C10H12	132
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.l	13606	95	C10H12	132



Data File: d17001.d

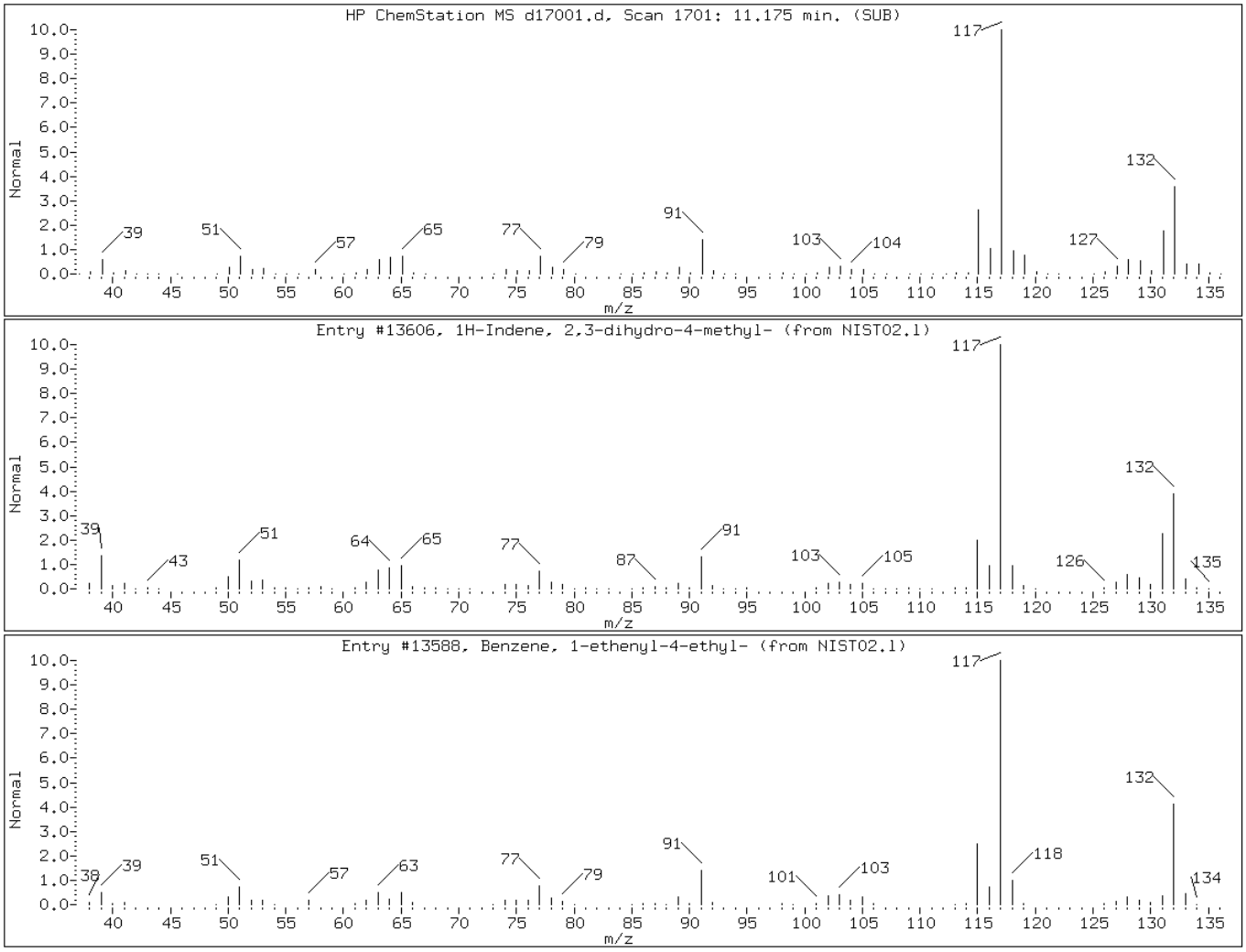
Date: 08-MAR-2010 10:08

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21 Operator:

Retention Time: 11.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.l	13606	95	C10H12	132
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	94	C10H12	132



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-021 Lab Sample ID: 460-10889-21 DL

Matrix: GW Lab File ID: d17014.d

Analysis Method: 8260B Date Collected: 03/03/2010 14:00

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 15:27

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	620		10	2.5
108-88-3	Toluene	5000		10	0.90
1330-20-7	Xylenes, Total	3000		30	4.3

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106	70-122	
460-00-4	4-Bromofluorobenzene	103	69-135	
2037-26-5	Toluene-d8 (Surr)	106	69-125	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17014.d
Report Date: 08-Mar-2010 19:33

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17014.d
Lab Smp Id: 460-10889-B-21 Client Smp ID: GW-017338-030310-RA
Inj Date : 08-MAR-2010 15:27
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-B-21;10
Misc Info : 460-10889-B-21
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 08-Mar-2010 19:14 eddie Quant Type: ISTD
Cal Date : 08-MAR-2010 08:03 Cal File: d16997.d
Als bottle: 19
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 MTBE	73	2.823	2.823	(0.590)	15429	1.59093	16
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.517	4.511	(0.943)	20766	52.8753	53
	48 Benzene	78	4.388	4.382	(0.538)	14961	1.32315	13
*	52 Fluorobenzene	96	4.788	4.788	(1.000)	428850	50.0000	
	56 Methyl cyclohexane	83	4.946	4.935	(1.033)	36220	6.45301	64
$	65 Toluene-d8 (SUR)	98	6.535	6.529	(0.802)	439768	53.1204	53
	66 Toluene	91	6.593	6.587	(0.809)	5650765	496.302	5000
*	78 Chlorobenzene-d5	117	8.152	8.146	(1.000)	317429	50.0000	
	81 Ethylbenzene	106	8.217	8.211	(1.008)	225919	61.7644	620
	82 m+p-Xylene	106	8.352	8.352	(1.025)	976688	212.260	2100
	84 o-Xylene	106	8.723	8.723	(1.070)	404243	87.3033	870
	88 Isopropylbenzene	105	8.999	8.993	(1.104)	9308	0.74501	7.4(a)
$	89 Bromofluorobenzene (SUR)	174	9.211	9.211	(0.914)	149387	51.5306	52
	95 n-Propylbenzene	91	9.334	9.334	(0.926)	12870	0.85039	8.5(a)
	97 1,3,5-Trimethylbenzene	105	9.499	9.499	(0.942)	16223	1.51270	15
	101 1,2,4-Trimethylbenzene	105	9.799	9.799	(0.972)	148475	13.1386	130

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17014.d
Report Date: 08-Mar-2010 19:33

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
103 sec-Butylbenzene	105	9.881	9.875	(0.980)	7343	0.53618	5.4(a)
107 p-Isopropyltoluene	119	9.999	9.993	(0.992)	6477	0.56419	5.6(a)
* 108 1,4-Dichlorobenzene-d4	152	10.081	10.081	(1.000)	177240	50.0000	
116 Naphthalene	128	11.711	11.711	(1.162)	4351800	386.104	3900
M 121 Xylene (Total)	100				1380931	299.564	3000

QC Flag Legend

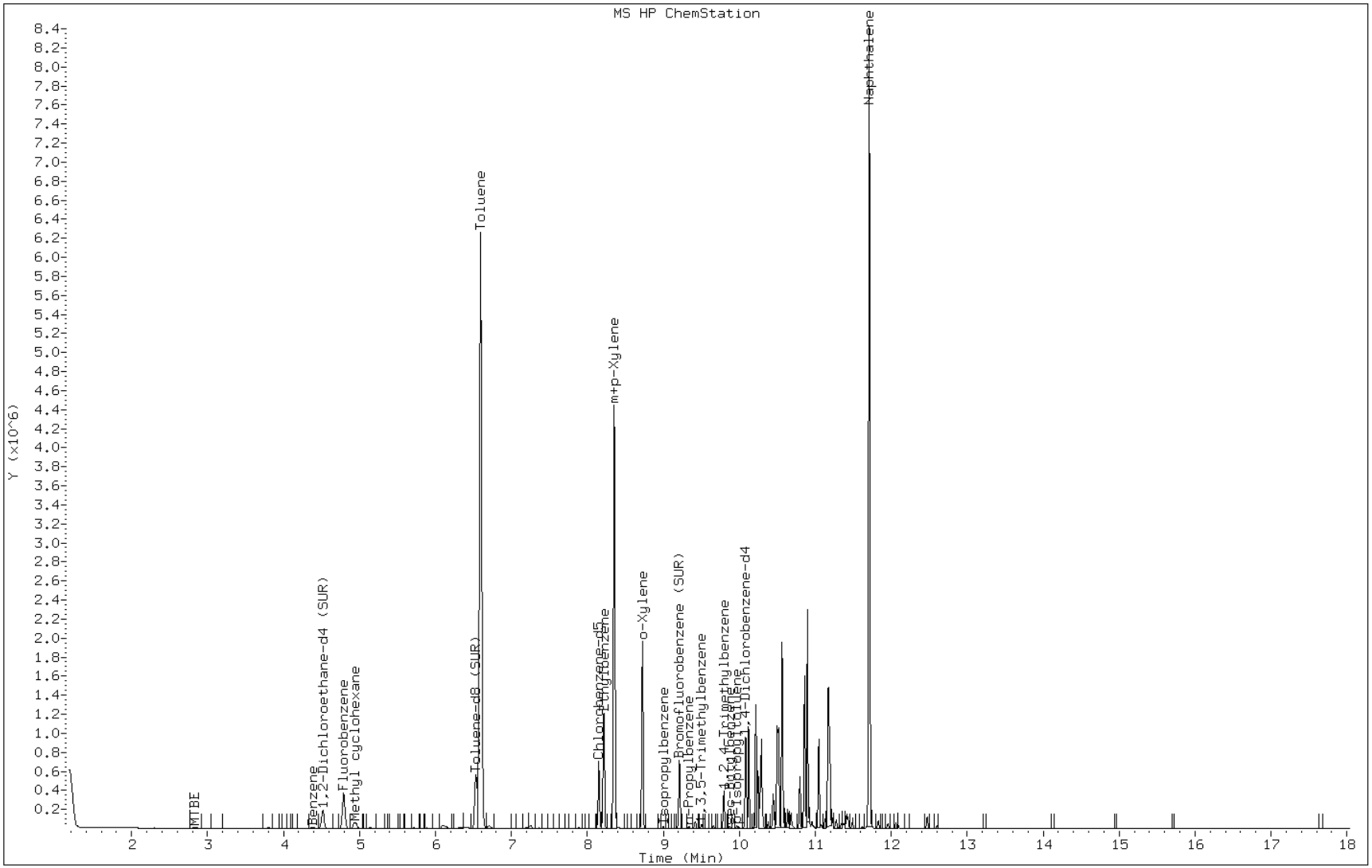
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: d17014.d

Date: 08-MAR-2010 15:27

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21;10 Operator:



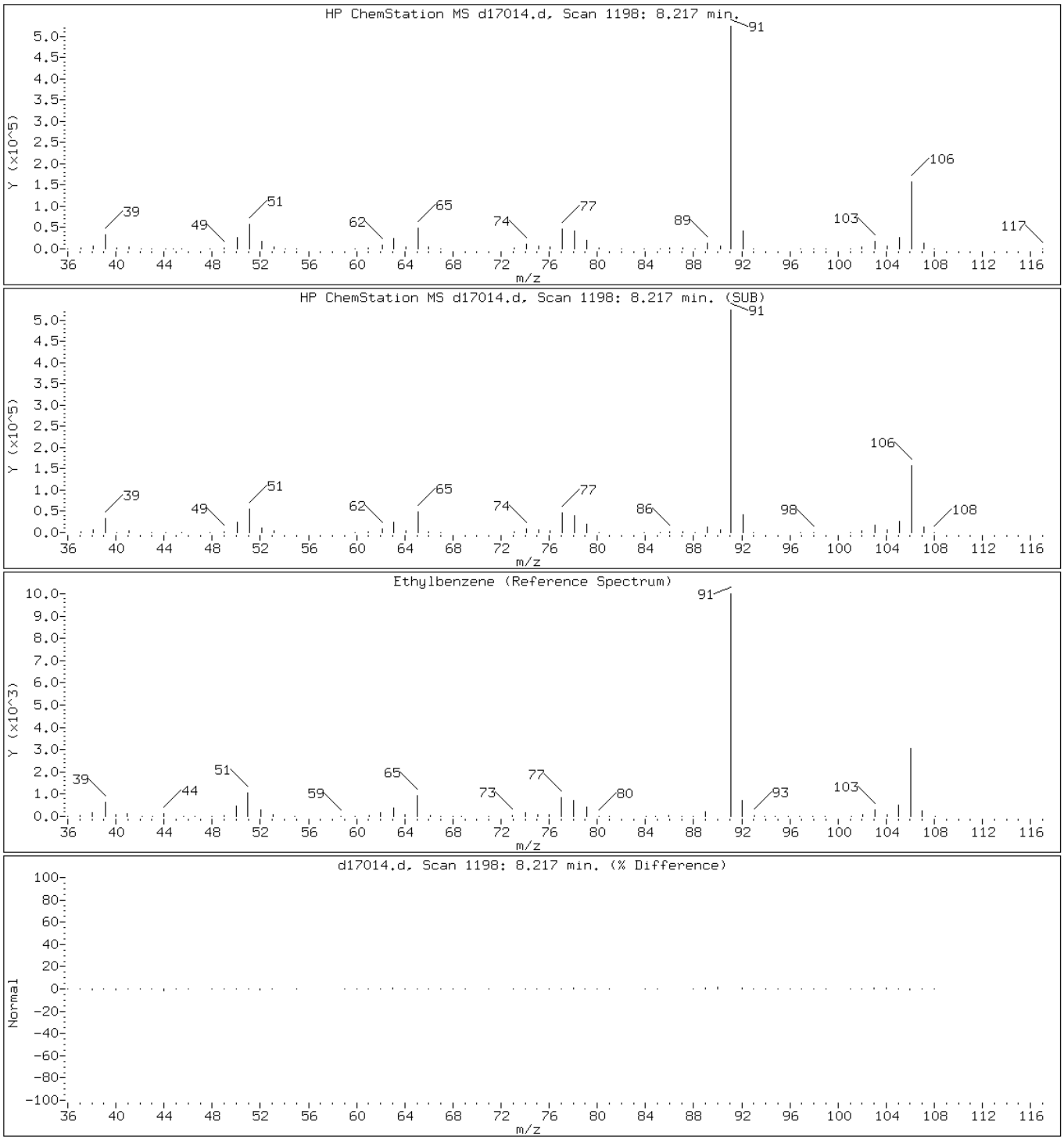
Data File: d17014.d

Date: 08-MAR-2010 15:27

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21;10 Operator:

81 Ethylbenzene



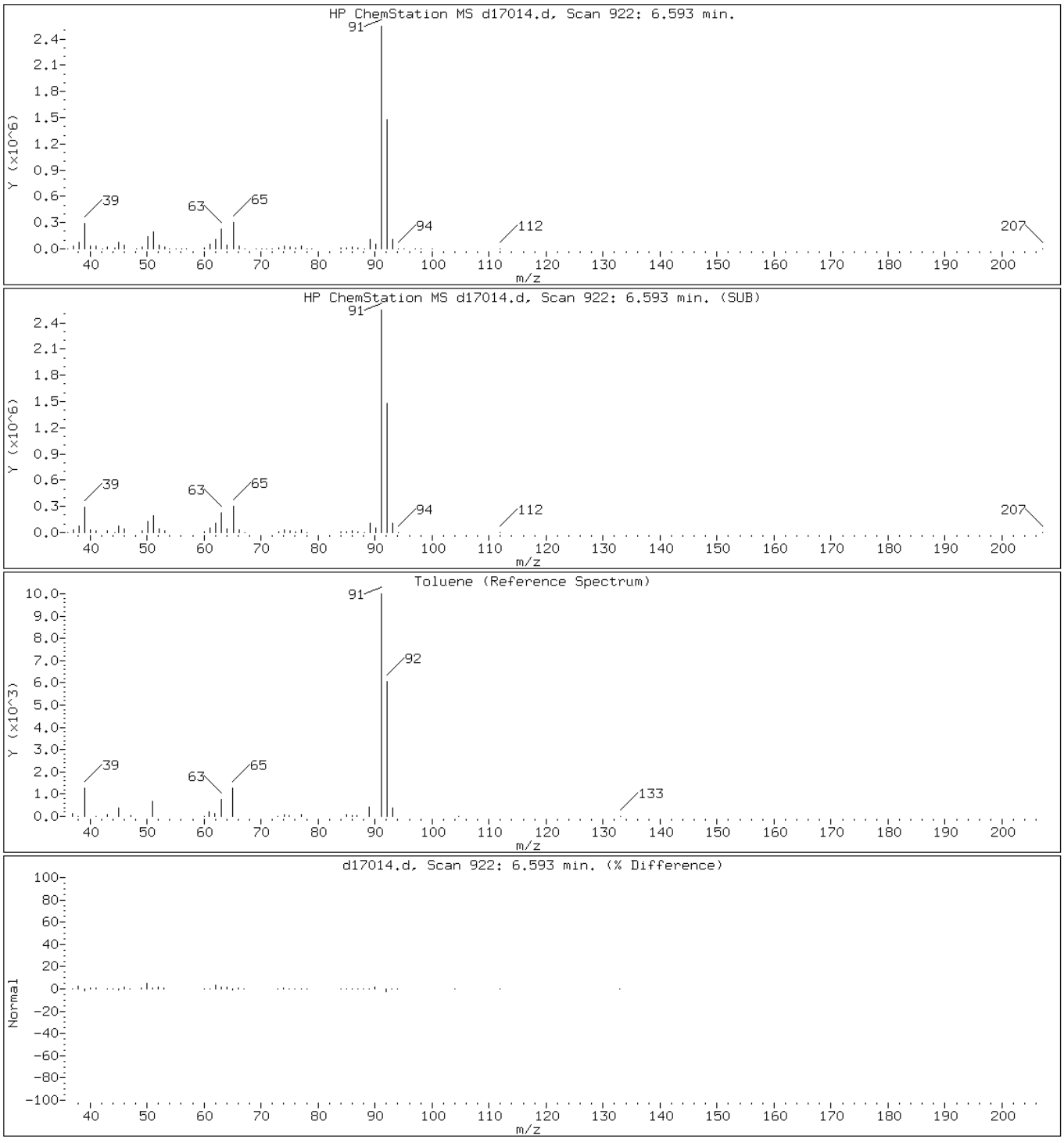
Data File: d17014.d

Date: 08-MAR-2010 15:27

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21;10 Operator:

66 Toluene



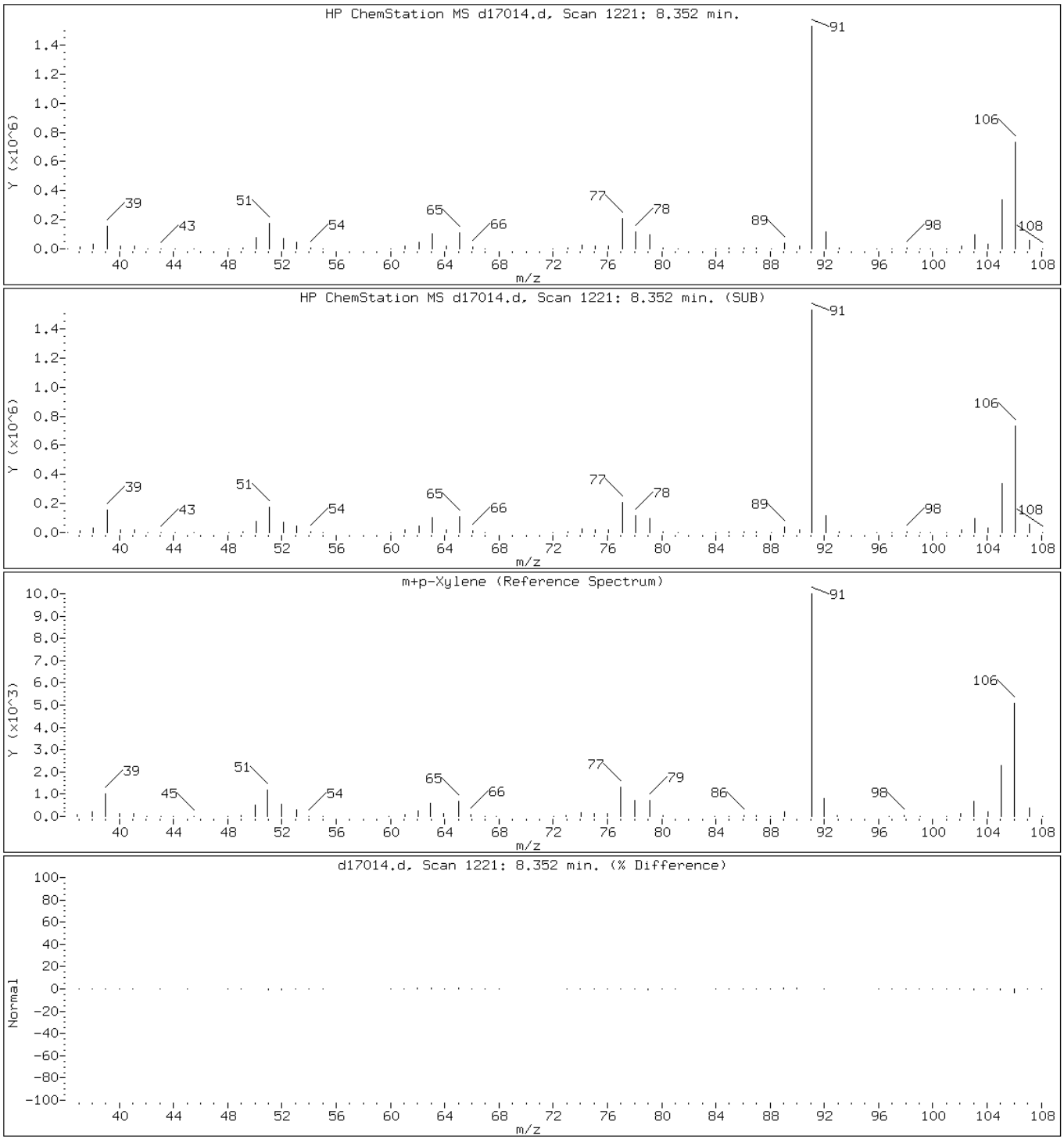
Data File: d17014.d

Date: 08-MAR-2010 15:27

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21;10 Operator:

82 m+p-Xylene



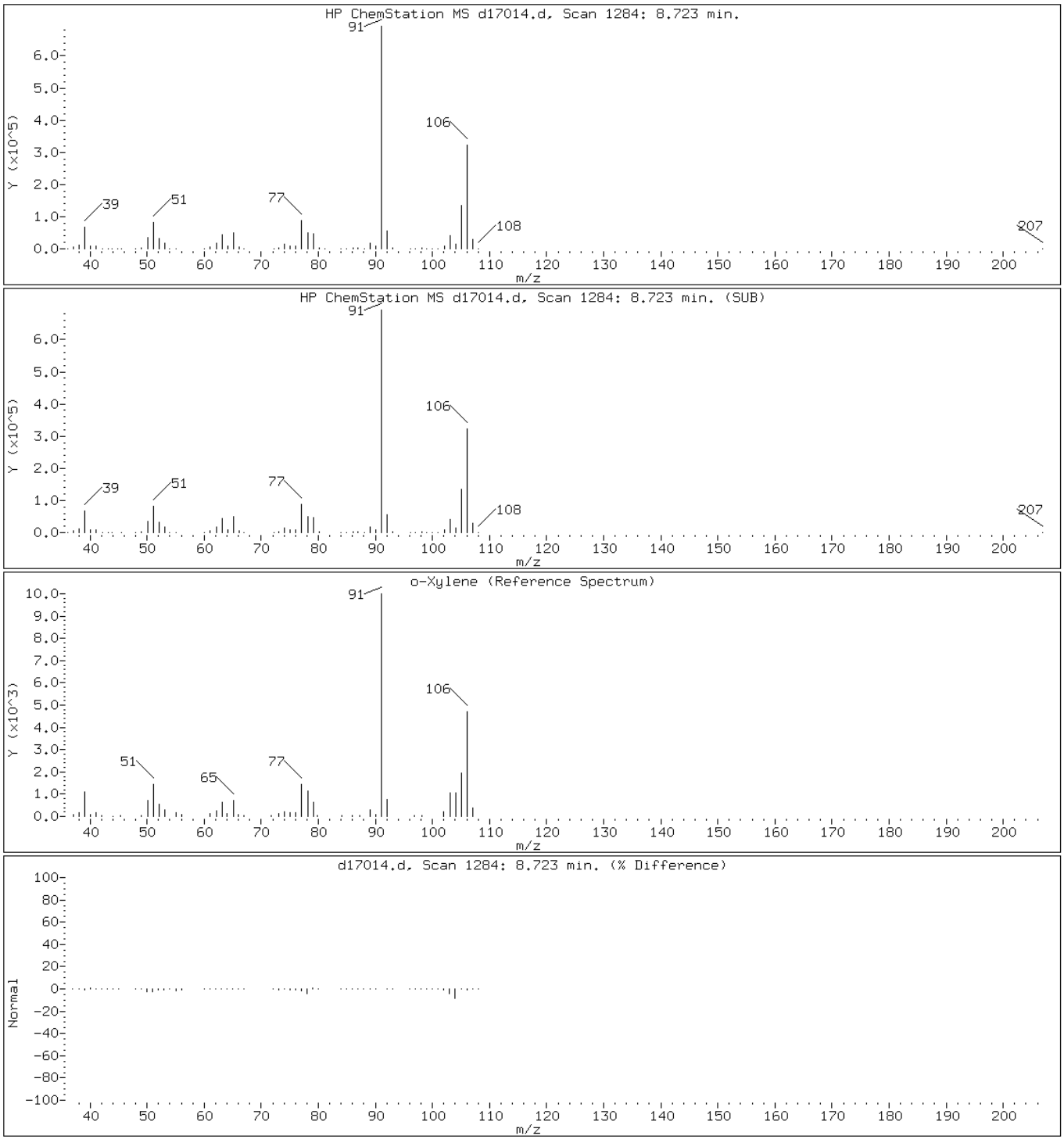
Data File: d17014.d

Date: 08-MAR-2010 15:27

Client ID: GW-017338-030310-RA Instrument: VOAMS4.i

Sample Info: 460-10889-B-21;10 Operator:

84 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: TRIP Lab Sample ID: 460-10889-22

Matrix: Water Lab File ID: d16908.d

Analysis Method: 8260B Date Collected: 03/03/2010 00:00

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 09:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: TRIP | Lab Sample ID: 460-10889-22

Matrix: Water | Lab File ID: d16908.d

Analysis Method: 8260B | Date Collected: 03/03/2010 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/05/2010 09:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 31311 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90	70-122	
460-00-4	4-Bromofluorobenzene	92	69-135	
2037-26-5	Toluene-d8 (Surr)	94	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: TRIP Lab Sample ID: 460-10889-22

Matrix: Water Lab File ID: d16908.d

Analysis Method: 8260B Date Collected: 03/03/2010 00:00

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 09:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16908.d
Report Date: 05-Mar-2010 09:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16908.d
Lab Smp Id: 460-10889-C-22 Client Smp ID: TRIP BLANK-017338-0
Inj Date : 05-MAR-2010 09:08
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-22
Misc Info : 460-10889-C-22
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.505	4.505	(0.943)	20955	44.8274	45
* 52 Fluorobenzene	96	4.776	4.776	(1.000)	457577	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.517	6.517	(0.801)	405447	46.9934	47
* 78 Chlorobenzene-d5	117	8.140	8.140	(1.000)	322958	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.205	9.205	(0.913)	139498	46.1695	46
* 108 1,4-Dichlorobenzene-d4	152	10.081	10.082	(1.000)	182028	50.0000	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16908.d
Report Date: 05-Mar-2010 09:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16908.d
Lab Smp Id: 460-10889-C-22 Client Smp ID: TRIP BLANK-017338-0
Inj Date : 05-MAR-2010 09:08
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-C-22
Misc Info : 460-10889-C-22
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

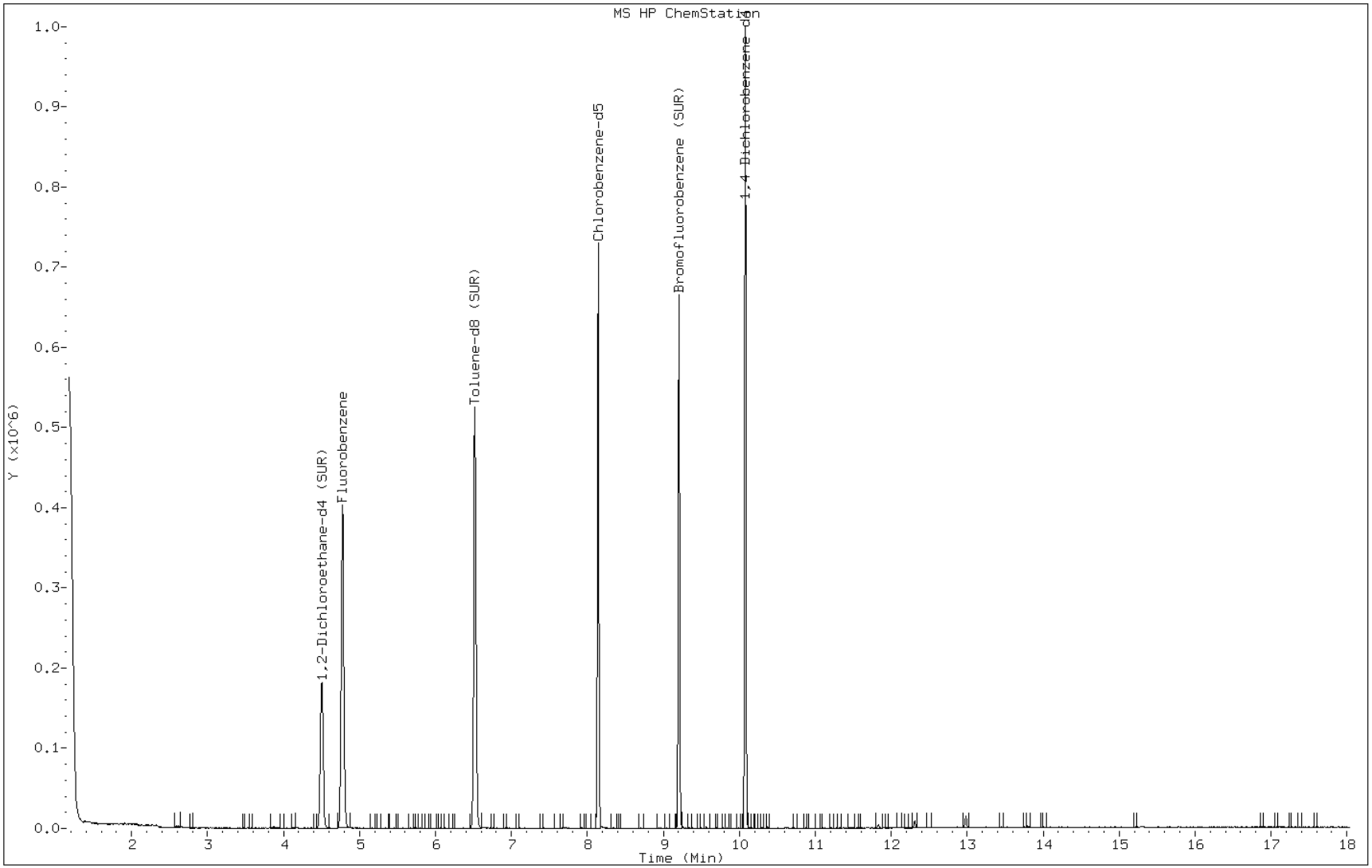
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d16908.d

Date: 05-MAR-2010 09:08

Client ID: TRIP BLANK-017338-0 Instrument: VOAMS4.i

Sample Info: 460-10889-C-22 Operator:



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 29643

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/02/2010 08:26 Calibration End Date: 02/02/2010 11:16 Calibration ID: 4993

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-29643/4	d16205.d
Level 2	IC 460-29643/3	d16203.d
Level 3	ICIS 460-29643/2	d16201.d
Level 4	IC 460-29643/5	d16206.d
Level 5	IC 460-29643/6	d16207.d
Level 6	IC 460-29643/7	d16208.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1-Chloropropane	+++++ +++++	+++++	+++++	+++++	+++++	Ave					0.1000			30.0			
2-Chloropropane	+++++ +++++	+++++	+++++	+++++	+++++	Ave					0.1000			30.0			
Allyl alcohol	+++++ +++++	+++++	+++++	+++++	+++++	Ave					0.1000			30.0			
Dimethylnaphthalene (total)	+++++ +++++	+++++	+++++	+++++	+++++	Ave					0.1000			30.0			
Ethanol	+++++ +++++	+++++	+++++	+++++	+++++	Ave					0.1000			30.0			
Methylnaphthalene (total)	+++++ +++++	+++++	+++++	+++++	+++++	Ave					0.1000			30.0			
Propene	+++++ +++++	+++++	+++++	+++++	+++++	Ave					0.1000			30.0			
Dichlorodifluoromethane	0.2712 0.2786	0.2693	0.2716	0.2354	0.3492	Ave		0.2792			0.1000	13.4		30.0			
Chloromethane	0.6123 0.5257	0.5556	0.5519	0.4920	0.6603	Ave		0.5663			0.1000	10.7		30.0			
Vinyl chloride	0.5503 0.4835	0.5071	0.5056	0.4619	0.6044	Ave		0.5188			0.1000	9.9		30.0			
Bromomethane	0.3808 0.3000	0.3297	0.3186	0.2743	0.3658	Ave		0.3282			0.1000	12.2		30.0			
Chloroethane	0.3051 0.2627	0.3013	0.3056	0.2710	0.3395	Ave		0.2975			0.1000	9.3		30.0			
Pentane	0.0476 0.0354	0.0365	0.0454	0.0432	0.0459	Ave		0.0423		*	0.1000	12.1		30.0			
Trichlorofluoromethane	0.4004 0.6229	0.4771	0.4968	0.4583	0.7748	Ave		0.5384			0.1000	25.5		30.0			
2-Methyl-1,3-butadiene	0.4957 0.3721	0.3823	0.4442	0.4310	0.4774	Ave		0.4338			0.1000	11.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 29643

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/02/2010 08:26 Calibration End Date: 02/02/2010 11:16 Calibration ID: 4993

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl ether	0.3093 0.2420	0.2783	0.2812	0.2766	0.3050	Ave		0.2821			0.1000	8.6		30.0			
1,1-Dichloroethene	0.2556 0.2479	0.2544	0.2679	0.2863	0.2632	Ave		0.2626			0.1000	5.2		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2008 0.2525	0.2481	0.1929	0.1898	0.3615	Ave		0.2409			0.1000	27.1		30.0			
Carbon disulfide	1.0554 1.1489	1.0027	1.1607	1.1162	1.3067	Ave		1.1318			0.1000	9.2		30.0			
Iodomethane	0.4436 0.5477	0.5094	0.5743	0.5633	0.6398	Ave		0.5464			0.1000	12.1		30.0			
Acrolein	0.0946 0.0621	0.0784	0.0696	0.0631	0.0769	Ave		0.0741		*	0.1000	16.3		30.0			
Isopropyl alcohol	0.0328 0.0341	0.0299	0.0280	0.0296	0.0318	Ave		0.0310		*	0.1000	7.3		30.0			
Methylene Chloride	0.4246 0.3524	0.3878	0.3944	0.4315	0.3831	Ave		0.3956			0.1000	7.3		30.0			
Acetone	0.0585 0.0332	0.0584	0.0518	0.0470	0.0415	Ave		0.0484		*	0.1000	20.5		30.0			
trans-1,2-Dichloroethene	0.3491 0.3115	0.3429	0.3408	0.3691	0.3427	Ave		0.3427			0.1000	5.4		30.0			
Methyl acetate	0.0793 0.0827	0.0902	0.0807	0.0911	0.0980	Ave		0.0870		*	0.1000	8.4		30.0			
Hexane	0.2806 0.2293	0.1987	0.2810	0.2634	0.2858	Ave		0.2565			0.1000	13.7		30.0			
Methyl tert-butyl ether	1.1687 1.0074	1.0770	1.0774	1.1047	1.2245	Ave		1.1100			0.1000	6.9		30.0			
2-Methyl-2-propanol	0.0509 0.0480	0.0467	0.0421	0.0460	0.0526	Ave		0.0477		*	0.1000	7.8		30.0			
Acetonitrile	0.0163 0.0128	0.0129	0.0136	0.0146	0.0125	Ave		0.0138		*	0.1000	10.5		30.0			
Isopropyl ether	1.4575 1.2004	1.2458	1.3136	1.3039	1.4728	Ave		1.3323			0.1000	8.3		30.0			
1,1-Dichloroethane	0.6472 0.5810	0.6308	0.6267	0.6882	0.6313	Ave		0.6342			0.1000	5.5		30.0			
Acrylonitrile	0.1640 0.1481	0.1506	0.1416	0.1416	0.1661	Ave		0.1520			0.1000	7.1		30.0			
Tert-butyl ethyl ether	1.1383 1.1082	1.0710	1.5436	1.3991	1.4125	Ave		1.2788			0.1000	15.4		30.0			
cis-1,2-Dichloroethene	0.3854 0.3427	0.3776	0.3634	0.4019	0.3672	Ave		0.3730			0.1000	5.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 29643

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/02/2010 08:26 Calibration End Date: 02/02/2010 11:16 Calibration ID: 4993

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2,2-Dichloropropane	0.4704 0.3444	0.4474	0.4457	0.4683	0.4031	Ave		0.4299			0.1000	11.3		30.0			
Cyclohexane	0.6135 0.5518	0.4445	0.5737	0.5429	0.6753	Ave		0.5670			0.1000	13.6		30.0			
Chlorobromomethane	0.2053 0.1665	0.1847	0.1755	0.1951	0.1783	Ave		0.1842			0.1000	7.6		30.0			
Chloroform	0.5954 0.5702	0.6235	0.6109	0.6559	0.6083	Ave		0.6107			0.1000	4.7		30.0			
Carbon tetrachloride	0.4861 0.4712	0.4440	0.5147	0.5701	0.5237	Ave		0.5016			0.1000	8.8		30.0			
Ethyl acetate	0.0343 0.0361	0.0329	0.0333	0.0361	0.0405	Ave		0.0355		*	0.1000	7.8		30.0			
Tetrahydrofuran	0.2430 0.1962	0.1671	0.1662	0.1664	0.1918	Ave		0.1884			0.1000	15.9		30.0			
1,1,1-Trichloroethane	0.5193 0.4521	0.5292	0.5302	0.5724	0.5166	Ave		0.5200			0.1000	7.5		30.0			
1,1-Dichloropropene	0.4610 0.4290	0.4185	0.4346	0.4731	0.4482	Ave		0.4441			0.1000	4.6		30.0			
2-Butanone (MEK)	0.0492 0.0560	0.0500	0.0561	0.0598	0.0611	Ave		0.0554		*	0.1000	8.9		30.0			
n-Heptane	0.2494 0.1883	0.1696	0.2288	0.2059	0.2381	Ave		0.2133			0.1000	14.4		30.0			
Benzene	1.9382 1.6174	1.8560	1.7917	1.9508	1.7902	Ave		1.8240			0.1000	6.7		30.0			
Tert-amyl methyl ether	1.0388 0.9721	0.9985	1.0260	1.0565	1.2185	Ave		1.0517			0.1000	8.3		30.0			
1,2-Dichloroethane	0.4763 0.4295	0.4708	0.4361	0.4880	0.4486	Ave		0.4582			0.1000	5.1		30.0			
Isopropyl acetate	0.6657 0.7510	0.6516	0.6758	0.7174	0.8480	Ave		0.7183			0.1000	10.2		30.0			
Methylcyclohexane	0.6000 0.4533	0.4446	0.5844	0.5663	0.6103	Ave		0.5432			0.1000	13.7		30.0			
Trichloroethene	0.3114 0.3263	0.3266	0.3200	0.3498	0.3324	Ave		0.3277			0.1000	3.9		30.0			
Dibromomethane	0.2057 0.2131	0.2141	0.2042	0.2326	0.2175	Ave		0.2145			0.1000	4.8		30.0			
n-Butanol	0.0090 0.0146	0.0093	0.0089	0.0102	0.0119	Ave		0.0107		*	0.1000	21.1		30.0			
1,2-Dichloropropane	0.3885 0.3582	0.3676	0.3495	0.3848	0.3683	Ave		0.3695			0.1000	4.1		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 29643

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/02/2010 08:26 Calibration End Date: 02/02/2010 11:16 Calibration ID: 4993

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl acrylate	0.4045 0.4505	0.3854	0.3659	0.3987	0.4929	Ave		0.4163			0.1000	11.3		30.0			
Dichlorobromomethane	0.4092 0.4700	0.4427	0.4226	0.4793	0.4687	Ave		0.4488			0.1000	6.4		30.0			
Methyl methacrylate	0.0924 0.0879	0.0743	0.0732	0.0800	0.0976	Ave		0.0842		*	0.1000	11.8		30.0			
1,4-Dioxane	0.0048 0.0054	0.0041	0.0041	0.0042	0.0048	Ave		0.0046		*	0.1000	11.1		30.0			
n-Propyl acetate	0.5434 0.5450	0.4713	0.4576	0.4918	0.5921	Ave		0.5169			0.1000	10.0		30.0			
2-Chloroethyl vinyl ether	0.1851 0.2246	0.1886	0.1880	0.2048	0.2461	Ave		0.2062			0.1000	11.9		30.0			
cis-1,3-Dichloropropene	0.6327 0.6708	0.6725	0.6548	0.7365	0.7131	Ave		0.6801			0.1000	5.6		30.0			
Toluene	2.2261 1.7321	1.9999	1.8184	1.9618	1.8492	Ave		1.9312			0.1000	9.0		30.0			
Epichlorohydrin	0.0458 0.0503	0.0455	0.0449	0.0483	0.0560	Ave		0.0485		*	0.1000	8.6		30.0			
Tetrachloroethene	0.4219 0.4218	0.4467	0.4528	0.4719	0.4529	Ave		0.4447			0.1000	4.4		30.0			
4-Methyl-2-pentanone (MIBK)	0.5249 0.5337	0.4776	0.4793	0.5299	0.6112	Ave		0.5261			0.1000	9.3		30.0			
trans-1,3-Dichloropropene	0.5595 0.6189	0.6066	0.5818	0.6631	0.6477	Ave		0.6129			0.1000	6.4		30.0			
1,1,2-Trichloroethane	0.3155 0.3104	0.3435	0.3159	0.3501	0.3308	Ave		0.3277			0.1000	5.0		30.0			
Chlorodibromomethane	0.3719 0.4293	0.3962	0.3852	0.4470	0.4416	Ave		0.4119			0.1000	7.7		30.0			
1,3-Dichloropropane	0.6723 0.6355	0.6895	0.6250	0.7090	0.6731	Ave		0.6674			0.1000	4.8		30.0			
1,2-Dibromoethane	0.3530 0.3694	0.3989	0.3583	0.4127	0.3850	Ave		0.3795			0.1000	6.2		30.0			
n-Butyl acetate	0.1146 0.1217	0.1082	0.1089	0.1148	0.1369	Ave		0.1175			0.1000	9.1		30.0			
2-Hexanone	0.3387 0.3522	0.3434	0.3398	0.3521	0.3950	Ave		0.3535			0.1000	6.0		30.0			
Chlorobenzene	1.1400 1.1214	1.1464	1.0955	1.1884	1.1444	Ave		1.1394			0.1000	2.7		30.0			
Ethylbenzene	0.5945 0.6120	0.6186	0.6127	0.6604	0.6324	Ave		0.6218			0.1000	3.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 29643

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/02/2010 08:26 Calibration End Date: 02/02/2010 11:16 Calibration ID: 4993

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1,2-Tetrachloroethane	0.4110 0.4596	0.4670	0.4653	0.5173	0.4931	Ave		0.4689			0.1000	7.6		30.0			
m-Xylene & p-Xylene	0.7298 0.7697	0.7651	0.7523	0.8158	0.7948	Ave		0.7712			0.1000	4.0		30.0			
o-Xylene	0.7178 0.7839	0.7816	0.7811	0.8591	0.8230	Ave		0.7911			0.1000	6.0		30.0			
Styrene	1.0673 1.2843	1.1814	1.1751	1.3110	1.2729	Ave		1.2153			0.1000	7.5		30.0			
Bromoform	0.2259 0.3084	0.2690	0.2591	0.3069	0.3065	Ave		0.2793			0.1000	12.1		30.0			
n-Butyl acrylate	0.2905 0.3486	0.2909	0.3087	0.3305	0.3950	Ave		0.3274			0.1000	12.3		30.0			
Isopropylbenzene	1.7542 1.9767	2.0619	2.1051	2.2807	2.2338	Ave		2.0687			0.1000	9.2		30.0			
Camphene	0.6172 0.6128	0.4862	0.6544	0.6538	0.7821	Ave		0.6344			0.1000	15.0		30.0			
Amyl acetate (mixed isomers)	0.9467 1.1562	0.9666	1.0253	1.0629	1.3165	Ave		1.0790			0.1000	12.8		30.0			
Bromobenzene	0.9715 0.9363	0.9836	0.9388	1.0092	0.9868	Ave		0.9710			0.1000	3.0		30.0			
N-Propylbenzene	4.0661 4.0504	4.6028	4.8464	5.0549	5.1403	Ave		4.6268			0.1000	10.3		30.0			
1,1,2,2-Tetrachloroethane	0.9118 1.0740	1.1041	1.0104	1.1658	1.1273	Ave		1.0656			0.1000	8.6		30.0			
2-Chlorotoluene	2.5557 2.9010	2.7733	2.8548	3.0205	3.0004	Ave		2.8509			0.1000	6.0		30.0			
1,2,3-Trichloropropane	0.2750 0.2982	0.3336	0.2904	0.3260	0.3160	Ave		0.3065			0.1000	7.3		30.0			
1,3,5-Trimethylbenzene	2.8514 3.4139	3.2265	3.4217	3.6948	3.8103	Ave		3.4031			0.1000	10.1		30.0			
trans-1,4-Dichloro-2-butene	0.2707 0.2785	0.2847	0.2652	0.2770	0.3208	Ave		0.2828			0.1000	7.0		30.0			
4-Chlorotoluene	2.5374 2.7511	2.7169	2.7265	2.8978	2.8577	Ave		2.7479			0.1000	4.6		30.0			
tert-Butylbenzene	2.1913 2.9032	2.5391	2.7850	3.0051	3.1543	Ave		2.7630			0.1000	12.6		30.0			
Butyl Methacrylate	0.8280 1.2679	0.9773	1.1248	1.1499	1.4427	Ave		1.1318			0.1000	19.0		30.0			
1,2,4-Trimethylbenzene	2.9927 3.3940	3.4135	3.5168	3.7458	3.8095	Ave		3.4787			0.1000	8.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 29643

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/02/2010 08:26 Calibration End Date: 02/02/2010 11:16 Calibration ID: 4993

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
sec-Butylbenzene	3.4007 3.8879	4.2104	4.5800	4.7857	5.0214	Ave		4.3143			0.1000	14.0		30.0			
4-Isopropyltoluene	2.8014 3.4111	3.4646	3.8186	3.9582	4.1171	Ave		3.5952			0.1000	13.3		30.0			
1,3-Dichlorobenzene	1.7928 1.7660	1.9098	1.8255	1.9224	1.8496	Ave		1.8443			0.1000	3.4		30.0			
1,4-Dichlorobenzene	1.8569 1.7836	1.9244	1.8326	1.9376	1.8474	Ave		1.8638			0.1000	3.1		30.0			
2-Octanone	1.2981 1.9752	1.5628	1.7344	1.6545	2.0731	Ave		1.7163			0.1000	16.4		30.0			
Benzyl chloride	4.2651 5.1458	5.0294	5.4790	5.4688	5.9707	Ave		5.2265			0.1000	11.0		30.0			
n-Butylbenzene	4.2651 5.1458	5.0294	5.4790	5.4688	5.9707	Ave		5.2265			0.1000	11.0		30.0			
1,2-Dichlorobenzene	1.7642 1.8359	1.9287	1.8684	1.9797	1.8992	Ave		1.8794			0.1000	4.0		30.0			
1,2-Dibromo-3-Chloropropane	0.1907 0.2120	0.1936	0.1792	0.2041	0.2034	Ave		0.1972			0.1000	5.9		30.0			
Hexachlorobutadiene	0.5139 0.5869	0.5877	0.6852	0.6037	0.6371	Ave		0.6024			0.1000	9.5		30.0			
1,2,4-Trichlorobenzene	1.2605 1.3721	1.4749	1.4231	1.4437	1.3939	Ave		1.3947			0.1000	5.4		30.0			
Camphor	0.0850 0.1724	0.0926	0.0957	0.1035	0.1484	LinF		0.1691							0.9940		0.9900
Naphthalene	2.9281 3.2605	3.3712	3.1640	3.4561	3.3946	Ave		3.2624			0.1000	5.9		30.0			
1,2,3-Trichlorobenzene	1.3048 1.2566	1.3566	1.3133	1.3262	1.2808	Ave		1.3064			0.1000	2.7		30.0			
1,2-Dichloroethane-d4 (Surr)	0.0418 0.0433	0.0425	0.0433	0.0423	0.0473	Ave		0.0434		*	0.1000	4.6		30.0			
Toluene-d8 (Surr)	1.2525 1.1798	1.2525	1.2537	1.2473	1.3792	Ave		1.2608			0.1000	5.1		30.0			
4-Bromofluorobenzene	0.7927 0.7988	0.8018	0.8212	0.7991	0.9138	Ave		0.8212			0.1000	5.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 29643

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/02/2010 08:26 Calibration End Date: 02/02/2010 11:16 Calibration ID: 4993

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-29643/4	d16205.d
Level 2	IC 460-29643/3	d16203.d
Level 3	ICIS 460-29643/2	d16201.d
Level 4	IC 460-29643/5	d16206.d
Level 5	IC 460-29643/6	d16207.d
Level 6	IC 460-29643/7	d16208.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1-Chloropropane	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
2-Chloropropane	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Allyl alcohol	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Dimethylnaphthalene (total)	DCB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Ethanol	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Methylnaphthalene (total)	DCB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Propene	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Dichlorodifluoromethane	FB	Ave	3073 2020038	15310	63614	135346	785254	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	6937 3811974	31587	129244	282863	1484985	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	6234 3505402	28828	118403	265531	1359182	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	4314 2174925	18742	74617	157719	822667	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	3456 1904392	17131	71565	155773	763499	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	539 256579	2076	10621	24858	103162	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	4536 4516358	27123	116338	263459	1742594	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	5616 2697634	21732	104024	247765	1073606	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	3504 1754513	15822	65847	158999	685893	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 29643

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/02/2010 08:26 Calibration End Date: 02/02/2010 11:16 Calibration ID: 4993

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1-Dichloroethene	FB	Ave	2896 1797771	14464	62737	164589	591964	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	2275 1830854	14105	45184	109089	813055	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	11957 8329965	57002	271817	641711	2938772	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	Ave	5026 3971461	28958	134478	323831	1438901	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	4285 360124	17825	32621	72532	172979	4.00 400	20.0	40.0	100	200
Isopropyl alcohol	FB	Ave	371035 2964540	680517	982793	1363379	1790575	1000 6000	2000	3000	4000	5000
Methylene Chloride	FB	Ave	4810 2555038	22045	92360	248054	861580	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	6631 240954	9963	12132	27028	93412	10.0 500	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	3955 2258714	19493	79808	212217	770603	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	898 599885	5130	18909	52375	220442	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	3179 1662693	11296	65802	151439	642836	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	13241 7304047	61227	252309	635095	2753751	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	FB	Ave	11529 6960595	53046	197360	528495	2367875	20.0 10000	100	400	1000	4000
Acetonitrile	FB	Ave	3696 1860558	14674	63801	167380	561477	20.0 10000	100	400	1000	4000
Isopropyl ether	FB	Ave	16512 8703507	70821	307615	749582	3312137	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	7332 4212596	35861	146753	395623	1419785	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	3716 429486	17118	33162	81412	186789	2.00 200	10.0	20.0	50.0	100
Tert-butyl ethyl ether	FB	Ave	12896 8034769	60884	361477	804303	3176591	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	4366 2484743	21466	85105	231051	825847	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	5329 2496848	25434	104372	269207	906618	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	6950 4001114	25267	134354	312103	1518807	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 29643

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/02/2010 08:26 Calibration End Date: 02/02/2010 11:16 Calibration ID: 4993

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorobromomethane	FB	Ave	2326 1207568	10498	41107	112144	401073	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	6745 4134049	35444	143052	377043	1368023	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	5507 3416417	25241	120530	327729	1177781	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	778 523201	3745	15584	41495	181972	2.00 1000	10.0	40.0	100	400
Tetrahydrofuran	FB	Ave	2753 1422741	9498	38931	95645	431273	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	5883 3278128	30086	124162	329071	1161861	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	5223 3110345	23789	101765	271994	1007977	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	FB	Ave	5578 405937	8521	13149	34373	137487	10.0 500	15.0	20.0	50.0	200
n-Heptane	FB	Ave	2825 1364939	9643	53588	118349	535546	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	15952 9741167	76348	308304	836806	3112474	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	11769 7048353	56763	240262	607350	2740409	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	5396 3114370	26765	102130	280567	1008885	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	15083 10891091	74085	316516	824891	3814337	2.00 1000	10.0	40.0	100	400
Methylcyclohexane	FB	Ave	6798 3287013	25277	136849	325544	1372467	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	3528 2365848	18566	74936	201093	747471	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2330 1545414	12170	47809	133714	489097	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	50707 636986	106193	157075	234244	333698	500 3000	1000	1500	2000	2500
1,2-Dichloropropane	FB	Ave	4401 2597403	20898	81835	221212	828214	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	4583 3266405	21912	85681	229218	1108462	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	4636 3407791	25169	98967	275524	1054190	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1047 637007	4223	17149	45993	219474	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 29643

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/02/2010 08:26 Calibration End Date: 02/02/2010 11:16 Calibration ID: 4993

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dioxane	FB	Ave	53851 470109	94204	144788	193674	268263	1000 6000	2000	3000	4000	5000
n-Propyl acetate	FB	Ave	12312 7902535	53589	214299	565515	2663235	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	2097 1628761	10720	44024	117719	553502	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	CBZ	Ave	5207 4039986	27665	112673	315943	1239911	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	18322 10432082	82267	312891	841532	3215082	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	7545 6061459	37453	154649	414553	1946054	20.0 10000	100	400	1000	4000
Tetrachloroethene	CBZ	Ave	3472 2540198	18375	77923	202410	787524	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	43199 3214394	58936	82475	227303	1062605	10.0 500	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	4605 3727619	24951	100115	284452	1126204	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	2597 1869425	14130	54362	150179	575220	1.00 500	5.00	20.0	50.0	200
Chlorodibromomethane	CBZ	Ave	3061 2585825	16297	66281	191747	767745	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	5533 3827426	28362	107549	304148	1170212	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	2905 2224973	16408	61651	177037	669327	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBZ	Ave	1887 1466085	8901	37475	98522	475971	2.00 1000	10.0	40.0	100	400
2-Hexanone	CBZ	Ave	27873 2121167	42383	58473	151056	686829	10.0 500	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	9383 6753989	47157	188509	509787	1989641	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	4893 3686211	25446	105432	283279	1099547	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	3383 2768279	19209	80059	221899	857409	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	12013 9270892	62943	258918	699856	2763712	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	5908 4720971	32151	134398	368527	1431002	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	8784 7735282	48596	202204	562364	2213065	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 29643

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/02/2010 08:26 Calibration End Date: 02/02/2010 11:16 Calibration ID: 4993

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Bromoform	CBZ	Ave	1859 1857223	11066	44590	131664	532819	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBZ	Ave	2391 2099284	11967	53114	141789	686793	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	14438 11905179	84816	362224	978325	3883836	1.00 500	5.00	20.0	50.0	200
Camphene	CBZ	Ave	5080 3690534	20002	112611	280466	1359765	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCB	Ave	4235 3605377	21541	93093	243318	1161715	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	4346 2919764	21919	85238	231018	870845	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	18190 12630573	102574	440013	1157108	4536088	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	4079 3349077	24604	91733	266865	994813	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	11433 9046437	61802	259190	691433	2647686	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1230 929780	7435	26365	74614	278841	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	12756 10645915	71902	310662	845772	3362384	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1211 868423	6344	24074	63418	283125	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	11351 8579030	60547	247541	663333	2521825	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	9803 9053196	56583	252856	687891	2783574	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	3704 3953836	21779	102125	263222	1273126	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	13388 10583678	76069	319303	857458	3361723	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	15213 12123847	93829	415826	1095496	4431129	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	Ave	12532 10637150	77208	346704	906066	3633189	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	8020 5507009	42559	165745	440068	1632151	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	8307 5562062	42885	166390	443525	1630233	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	Ave	5807 6159339	34826	157468	378737	1829439	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 29643

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/02/2010 08:26 Calibration End Date: 02/02/2010 11:16 Calibration ID: 4993

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Benzyl chloride	DCB	Ave	19080 16046627	112080	497454	1251856	5268840	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	19080 16046627	112080	497454	1251856	5268840	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	7892 5724981	42982	169640	453168	1676003	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	853 661024	4314	16270	46722	179454	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	2299 1830282	13096	62208	138186	562194	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	5639 4278767	32868	129211	330474	1230067	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	LinF	1901 2687472	10314	43458	118404	654639	5.00 2500	25.0	100	250	1000
Naphthalene	DCB	Ave	13099 10167495	75128	287268	791135	2995585	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	5837 3918607	30232	119235	303587	1130216	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	23673 31375	24178	25346	24325	26596	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	515422 710540	515230	539306	535044	599485	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	177315 249083	178689	186398	182929	201596	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16201.d
Report Date: 09-Feb-2010 11:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16201.d
Lab Smp Id: ICIS-VM8CAL3
Inj Date : 02-FEB-2010 08:26
Operator : Inst ID: VOAMS4.i
Smp Info : ICIS-VM8CAL3
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/8260DE_09.m
Meth Date : 09-Feb-2010 10:42 pritch Quant Type: ISTD
Cal Date : 02-FEB-2010 08:26 Cal File: d16201.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.300	1.300	(0.271)	63614	20.0000	19
3 Chloromethane	50	1.394	1.394	(0.290)	129244	20.0000	19
4 Vinyl Chloride	62	1.464	1.464	(0.305)	118403	20.0000	19
6 Bromomethane	94	1.676	1.676	(0.349)	74617	20.0000	19
5 Chloroethane	64	1.752	1.752	(0.365)	71565	20.0000	20
7 Trichlorofluoromethane	101	1.835	1.835	(0.382)	116338	20.0000	18
8 n-Pentane	72	1.823	1.823	(0.380)	10621	20.0000	21
10 Isoprene	67	2.035	2.035	(0.424)	104024	20.0000	20
11 Ethyl Ether	59	2.052	2.052	(0.428)	65847	20.0000	20
13 Acrolein	56	2.435	2.435	(0.507)	32621	40.0000	38
15 1,1-Dichloroethene	96	2.182	2.182	(0.455)	62737	20.0000	20
14 Freon TF	101	2.276	2.276	(0.474)	45184	20.0000	16
16 Acetone	58	2.652	2.652	(0.553)	12132	20.0000	21
17 Iodomethane	142	2.288	2.288	(0.477)	134478	20.0000	21
18 Carbon Disulfide	76	2.200	2.200	(0.458)	271817	20.0000	20
19 Isopropanol	45	2.588	2.588	(0.539)	982793	3000.00	2700

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16201.d
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	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	3.011	3.011	(0.627)	63801	400.000	400
	27 Methyl Acetate	74	2.747	2.747	(0.572)	18909	20.0000	18
	22 Methylene Chloride	84	2.605	2.605	(0.543)	92360	20.0000	20
	24 TBA	59	2.958	2.958	(0.616)	197360	400.000	350
	25 trans-1,2-Dichloroethene	96	2.723	2.723	(0.567)	79808	20.0000	20
	26 Acrylonitrile	53	3.247	3.247	(0.676)	33162	20.0000	19
	28 MTBE	73	2.835	2.835	(0.591)	252309	20.0000	19
	29 Hexane	56	2.782	2.782	(0.580)	65802	20.0000	22
	30 1,1-Dichloroethane	63	3.199	3.199	(0.667)	146753	20.0000	20
	32 DIPE	45	3.123	3.123	(0.651)	307615	20.0000	20
	35 t-Butyl-ethyl-ether	59	3.411	3.411	(0.711)	361477	20.0000	24
	37 2,2-Dichloropropane	77	3.741	3.741	(0.779)	104372	20.0000	21
	36 cis-1,2-Dichloroethene	96	3.641	3.641	(0.759)	85105	20.0000	19
	38 2-Butanone	72	4.158	4.158	(0.866)	13149	20.0000	20(H)
	39 Ethyl Acetate	70	4.005	4.005	(0.835)	15584	40.0000	37
	40 Bromochloromethane	128	3.805	3.805	(0.793)	41107	20.0000	19
	41 Tetrahydrofuran	42	4.017	4.017	(0.837)	38931	20.0000	18
	42 Chloroform	83	3.882	3.882	(0.809)	143052	20.0000	20
	43 1,1,1-Trichloroethane	97	4.058	4.058	(0.846)	124162	20.0000	20
	44 Cyclohexane	56	3.799	3.799	(0.792)	134354	20.0000	20
	45 Carbon Tetrachloride	117	3.994	3.994	(0.832)	120530	20.0000	20
	46 1,1-Dichloropropene	75	4.158	4.158	(0.866)	101765	20.0000	20
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.523	4.523	(0.942)	25346	50.0000	50
	48 Benzene	78	4.388	4.388	(0.537)	308304	20.0000	20
	49 1,2-Dichloroethane	62	4.588	4.588	(0.956)	102130	20.0000	19
	51 n-Heptane	57	4.376	4.376	(0.912)	53588	20.0000	21
	50 t-Amyl-methyl-ether	73	4.529	4.529	(0.944)	240262	20.0000	20
	61 Isopropyl Acetate	43	4.888	4.888	(1.018)	316516	40.0000	38
*	52 Fluorobenzene	96	4.799	4.799	(1.000)	585446	50.0000	
	54 Trichloroethene	95	4.964	4.964	(1.034)	74936	20.0000	20
	53 n-Butanol	56	5.399	5.399	(1.125)	157075	1500.00	1200
	56 Methyl cyclohexane	83	4.952	4.952	(1.032)	136849	20.0000	22
	55 Ethyl Acrylate	55	5.593	5.593	(1.165)	85681	20.0000	18
	57 1,2-Dichloropropane	63	5.511	5.511	(1.148)	81835	20.0000	19
	58 Dibromomethane	93	5.399	5.399	(1.125)	47809	20.0000	19
	60 1,4-Dioxane	88	5.835	5.835	(1.216)	144788	3000.00	2700
	59 Methyl Methacrylate	100	5.817	5.817	(1.212)	17149	20.0000	17
	75 Propyl Acetate	43	5.993	5.993	(1.249)	214299	40.0000	35
	68 Bromodichloromethane	83	5.599	5.599	(1.167)	98967	20.0000	19
	62 2-Chloroethyl Vinyl Ether	63	6.287	6.287	(1.310)	44024	20.0000	18
	63 Epichlorohydrin	57	6.646	6.646	(0.814)	154649	400.000	370
	67 cis-1,3-Dichloropropene	75	6.329	6.329	(0.775)	112673	20.0000	19
	70 4-Methyl-2-Pentanone	43	7.093	7.093	(0.869)	82475	20.0000	18
$	65 Toluene-d8 (SUR)	98	6.546	6.546	(0.802)	539306	50.0000	50
	66 Toluene	91	6.605	6.605	(0.809)	312891	20.0000	19
	64 trans-1,3-Dichloropropene	75	7.111	7.111	(0.871)	100115	20.0000	19
	69 1,1,2-Trichloroethane	83	7.276	7.276	(0.891)	54362	20.0000	19

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16201.d
Report Date: 09-Feb-2010 11:01

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	71	Tetrachloroethene	166	7.040	7.040	(0.862)	77923	20.0000	20
	72	1,3-Dichloropropane	76	7.546	7.546	(0.924)	107549	20.0000	19
	73	2-Hexanone	43	7.952	7.952	(0.974)	58473	20.0000	19(H)
	74	Dibromochloromethane	129	7.446	7.446	(0.912)	66281	20.0000	19
	76	Butyl Acetate	73	7.887	7.887	(0.966)	37475	40.0000	37
	77	1,2-Dibromoethane	107	7.658	7.658	(0.938)	61651	20.0000	19
*	78	Chlorobenzene-d5	117	8.164	8.164	(1.000)	430183	50.0000	
	79	Chlorobenzene	112	8.176	8.176	(1.001)	188509	20.0000	19
	80	1,1,1,2-Tetrachloroethane	131	8.252	8.252	(1.011)	80059	20.0000	20
	81	Ethylbenzene	106	8.229	8.229	(1.008)	105432	20.0000	20
	82	m+p-Xylene	106	8.364	8.364	(1.024)	258918	40.0000	39
	84	o-Xylene	106	8.734	8.734	(1.070)	134398	20.0000	20
	85	Styrene	104	8.781	8.781	(1.076)	202204	20.0000	19
	83	Butyl Acrylate	73	8.940	8.940	(1.095)	53114	20.0000	19
	86	Bromoform	173	8.781	8.781	(1.076)	44590	20.0000	18
	87	Amyl Acetate	43	9.158	9.158	(0.907)	93093	20.0000	19
	88	Isopropylbenzene	105	9.011	9.011	(1.104)	362224	20.0000	20
$	89	Bromofluorobenzene (SUR)	174	9.223	9.223	(0.913)	186398	50.0000	50
	90	Camphene (total)	93	9.087	9.087	(1.113)	112611	20.0000	21
	91	Bromobenzene	156	9.299	9.299	(0.921)	85238	20.0000	19
	92	1,1,2,2-Tetrachloroethane	83	9.417	9.417	(0.932)	91733	20.0000	19
	93	1,2,3-Trichloropropane	110	9.505	9.505	(0.941)	26365	20.0000	19
	94	trans-1,4-Dichloro-2-butene	53	9.552	9.552	(0.946)	24074	20.0000	19
	95	n-Propylbenzene	91	9.346	9.346	(0.925)	440013	20.0000	21
	96	2-Chlorotoluene	91	9.452	9.452	(0.936)	259190	20.0000	20
	97	1,3,5-Trimethylbenzene	105	9.511	9.511	(0.942)	310662	20.0000	20
	98	4-Chlorotoluene	91	9.587	9.587	(0.949)	247541	20.0000	20
	99	Butyl Methacrylate	87	9.770	9.770	(0.967)	102125	20.0000	20
	100	tert-Butylbenzene	119	9.752	9.752	(0.966)	252856	20.0000	20
	101	1,2,4-Trimethylbenzene	105	9.811	9.811	(0.971)	319303	20.0000	20
	102	2-Octanone	43	10.217	10.217	(1.012)	157468	20.0000	20
	103	sec-Butylbenzene	105	9.893	9.893	(0.980)	415826	20.0000	21
	105	1,3-Dichlorobenzene	146	10.040	10.040	(0.994)	165745	20.0000	20
	107	p-Isopropyltoluene	119	10.005	10.005	(0.991)	346704	20.0000	21
*	108	1,4-Dichlorobenzene-d4	152	10.099	10.099	(1.000)	226981	50.0000	
	109	1,4-Dichlorobenzene	146	10.111	10.111	(1.001)	166390	20.0000	20
	110	Benzyl Chloride	91	10.323	10.323	(1.022)	497454	20.0000	21
	106	n-Butylbenzene	91	10.323	10.323	(1.022)	497454	20.0000	21
	111	1,2-Dichlorobenzene	146	10.423	10.423	(1.032)	169640	20.0000	20
	112	1,2-Dibromo-3-chloropropane	75	11.011	11.011	(1.090)	16270	20.0000	18
	113	Camphor	95	11.699	11.699	(1.158)	43458	100.000	57
	114	1,2,4-Trichlorobenzene	180	11.493	11.493	(1.138)	129211	20.0000	20
	115	Hexachlorobutadiene	225	11.475	11.475	(1.136)	62208	20.0000	23
	116	Naphthalene	128	11.722	11.722	(1.161)	287268	20.0000	19
	117	1,2,3-Trichlorobenzene	180	11.852	11.852	(1.174)	119235	20.0000	20
M	120	1,2-Dichloroethene (Total)	100				164913	40.0000	39
M	121	Xylene (Total)	100				393316	60.0000	59

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16201.d
Report Date: 09-Feb-2010 11:01

QC Flag Legend

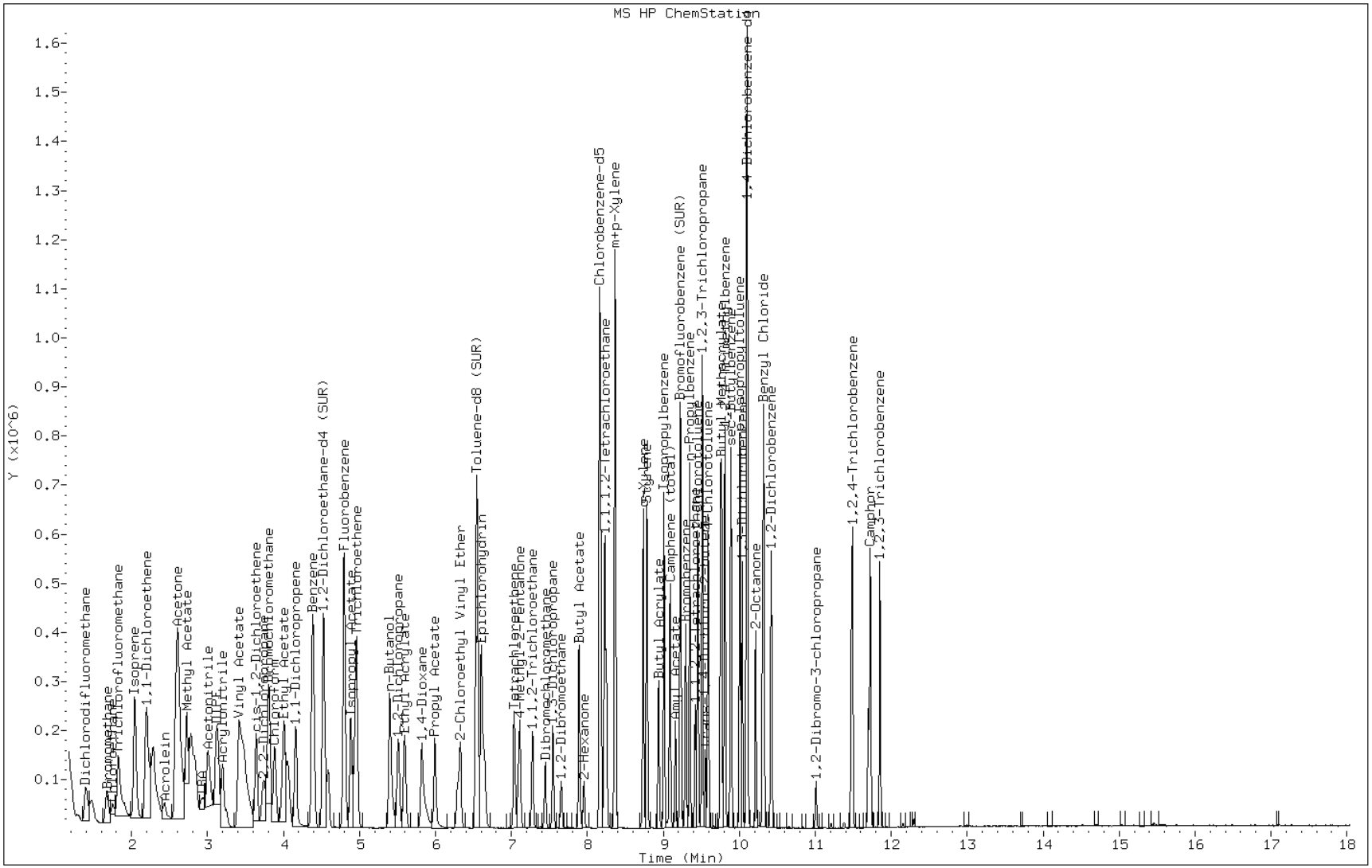
H - Operator selected an alternate compound hit.

Data File: d16201.d

Date: 02-FEB-2010 08:26

Client ID: Instrument: VOAMS4.i

Sample Info: ICIS-VM8CAL3 Operator:



Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16203.d
Report Date: 09-Feb-2010 11:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16203.d
Lab Smp Id: IC-VM8CAL2
Inj Date : 02-FEB-2010 09:15
Operator : Inst ID: VOAMS4.i
Smp Info : IC-VM8CAL2
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/8260DE_09.m
Meth Date : 09-Feb-2010 10:42 pritch Quant Type: ISTD
Cal Date : 02-FEB-2010 08:26 Cal File: d16201.d
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.288	1.300	(0.268)	15310	5.00000	4.8
3 Chloromethane	50	1.394	1.394	(0.290)	31587	5.00000	4.9
4 Vinyl Chloride	62	1.458	1.464	(0.304)	28828	5.00000	4.9
6 Bromomethane	94	1.670	1.676	(0.348)	18742	5.00000	5.0
5 Chloroethane	64	1.753	1.752	(0.365)	17131	5.00000	5.1
7 Trichlorofluoromethane	101	1.847	1.835	(0.385)	27123	5.00000	4.4
8 n-Pentane	72	1.817	1.823	(0.379)	2076	5.00000	4.3(a)
10 Isoprene	67	2.029	2.035	(0.423)	21732	5.00000	4.4
11 Ethyl Ether	59	2.053	2.052	(0.428)	15822	5.00000	4.9
13 Acrolein	56	2.429	2.435	(0.506)	17825	20.0000	21
15 1,1-Dichloroethene	96	2.182	2.182	(0.455)	14464	5.00000	4.8
14 Freon TF	101	2.253	2.276	(0.469)	14105	5.00000	5.1(H)
16 Acetone	58	2.652	2.652	(0.553)	9963	15.0000	18(H)
17 Iodomethane	142	2.282	2.288	(0.475)	28958	5.00000	4.7
18 Carbon Disulfide	76	2.200	2.200	(0.458)	57002	5.00000	4.4
19 Isopropanol	45	2.588	2.588	(0.539)	680517	2000.00	1900

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16203.d
Report Date: 09-Feb-2010 11:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	3.005	3.011	(0.626)	14674	100.000	94
	27 Methyl Acetate	74	2.752	2.747	(0.574)	5130	5.00000	5.2
	22 Methylene Chloride	84	2.605	2.605	(0.543)	22045	5.00000	4.9
	24 TBA	59	2.947	2.958	(0.614)	53046	100.000	98
	25 trans-1,2-Dichloroethene	96	2.717	2.723	(0.566)	19493	5.00000	5.0
	26 Acrylonitrile	53	3.252	3.247	(0.678)	17118	10.0000	9.9
	28 MTBE	73	2.841	2.835	(0.592)	61227	5.00000	4.8
	29 Hexane	56	2.788	2.782	(0.581)	11296	5.00000	3.9
	30 1,1-Dichloroethane	63	3.194	3.199	(0.665)	35861	5.00000	5.0
	32 DIPE	45	3.123	3.123	(0.651)	70821	5.00000	4.7
	35 t-Butyl-ethyl-ether	59	3.417	3.411	(0.712)	60884	5.00000	4.2
	37 2,2-Dichloropropane	77	3.741	3.741	(0.779)	25434	5.00000	5.2
	36 cis-1,2-Dichloroethene	96	3.641	3.641	(0.759)	21466	5.00000	5.1
	38 2-Butanone	72	4.170	4.158	(0.869)	8521	15.0000	14(H)
	39 Ethyl Acetate	70	4.005	4.005	(0.835)	3745	10.0000	9.3
	40 Bromochloromethane	128	3.805	3.805	(0.793)	10498	5.00000	5.0
	41 Tetrahydrofuran	42	4.017	4.017	(0.837)	9498	5.00000	4.4
	42 Chloroform	83	3.882	3.882	(0.809)	35444	5.00000	5.1
	43 1,1,1-Trichloroethane	97	4.052	4.058	(0.844)	30086	5.00000	5.1
	44 Cyclohexane	56	3.799	3.799	(0.792)	25267	5.00000	3.9
	45 Carbon Tetrachloride	117	3.988	3.994	(0.831)	25241	5.00000	4.4
	46 1,1-Dichloropropene	75	4.158	4.158	(0.866)	23789	5.00000	4.7
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.523	4.523	(0.942)	24178	50.0000	49
	48 Benzene	78	4.388	4.388	(0.537)	76348	5.00000	5.1
	49 1,2-Dichloroethane	62	4.588	4.588	(0.956)	26765	5.00000	5.1
	51 n-Heptane	57	4.382	4.376	(0.913)	9643	5.00000	4.0(a)
	50 t-Amyl-methyl-ether	73	4.529	4.529	(0.944)	56763	5.00000	4.7
	61 Isopropyl Acetate	43	4.888	4.888	(1.018)	74085	10.0000	9.1
*	52 Fluorobenzene	96	4.799	4.799	(1.000)	568493	50.0000	
	54 Trichloroethene	95	4.964	4.964	(1.034)	18566	5.00000	5.0
	53 n-Butanol	56	5.399	5.399	(1.125)	106193	1000.00	880
	56 Methyl cyclohexane	83	4.946	4.952	(1.031)	25277	5.00000	4.1
	55 Ethyl Acrylate	55	5.593	5.593	(1.165)	21912	5.00000	4.6
	57 1,2-Dichloropropane	63	5.511	5.511	(1.148)	20898	5.00000	5.0
	58 Dibromomethane	93	5.399	5.399	(1.125)	12170	5.00000	5.0
	60 1,4-Dioxane	88	5.841	5.835	(1.217)	94204	2000.00	1800
	59 Methyl Methacrylate	100	5.823	5.817	(1.213)	4223	5.00000	4.4
	75 Propyl Acetate	43	5.993	5.993	(1.249)	53589	10.0000	9.1
	68 Bromodichloromethane	83	5.599	5.599	(1.167)	25169	5.00000	4.9
	62 2-Chloroethyl Vinyl Ether	63	6.293	6.287	(1.311)	10720	5.00000	4.6
	63 Epichlorohydrin	57	6.646	6.646	(0.814)	37453	100.000	94
	67 cis-1,3-Dichloropropene	75	6.329	6.329	(0.775)	27665	5.00000	4.9
	70 4-Methyl-2-Pentanone	43	7.093	7.093	(0.869)	58936	15.0000	14
$	65 Toluene-d8 (SUR)	98	6.546	6.546	(0.802)	515230	50.0000	50
	66 Toluene	91	6.605	6.605	(0.809)	82267	5.00000	5.2
	64 trans-1,3-Dichloropropene	75	7.111	7.111	(0.871)	24951	5.00000	4.9
	69 1,1,2-Trichloroethane	83	7.282	7.276	(0.892)	14130	5.00000	5.2

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16203.d
Report Date: 09-Feb-2010 11:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	7.040	7.040	(0.862)	18375	5.00000	5.0
	72 1,3-Dichloropropane	76	7.546	7.546	(0.924)	28362	5.00000	5.2
	73 2-Hexanone	43	7.952	7.952	(0.974)	42383	15.0000	14(H)
	74 Dibromochloromethane	129	7.446	7.446	(0.912)	16297	5.00000	4.8
	76 Butyl Acetate	73	7.893	7.887	(0.967)	8901	10.0000	9.2
	77 1,2-Dibromoethane	107	7.658	7.658	(0.938)	16408	5.00000	5.2
*	78 Chlorobenzene-d5	117	8.164	8.164	(1.000)	411355	50.0000	
	79 Chlorobenzene	112	8.176	8.176	(1.001)	47157	5.00000	5.0
	80 1,1,1,2-Tetrachloroethane	131	8.252	8.252	(1.011)	19209	5.00000	5.0
	81 Ethylbenzene	106	8.229	8.229	(1.008)	25446	5.00000	5.0
	82 m+p-Xylene	106	8.364	8.364	(1.024)	62943	10.0000	9.9
	84 o-Xylene	106	8.734	8.734	(1.070)	32151	5.00000	4.9
	85 Styrene	104	8.787	8.781	(1.076)	48596	5.00000	4.9
	83 Butyl Acrylate	73	8.940	8.940	(1.095)	11967	5.00000	4.4
	86 Bromoform	173	8.787	8.781	(1.076)	11066	5.00000	4.8
	87 Amyl Acetate	43	9.158	9.158	(0.907)	21541	5.00000	4.5
	88 Isopropylbenzene	105	9.011	9.011	(1.104)	84816	5.00000	5.0
$	89 Bromofluorobenzene (SUR)	174	9.229	9.223	(0.914)	178689	50.0000	49
	90 Camphene (total)	93	9.087	9.087	(1.113)	20002	5.00000	3.8
	91 Bromobenzene	156	9.299	9.299	(0.921)	21919	5.00000	5.1
	92 1,1,2,2-Tetrachloroethane	83	9.417	9.417	(0.932)	24604	5.00000	5.2
	93 1,2,3-Trichloropropane	110	9.505	9.505	(0.941)	7435	5.00000	5.4
	94 trans-1,4-Dichloro-2-butene	53	9.552	9.552	(0.946)	6344	5.00000	5.0
	95 n-Propylbenzene	91	9.346	9.346	(0.925)	102574	5.00000	5.0
	96 2-Chlorotoluene	91	9.452	9.452	(0.936)	61802	5.00000	4.9
	97 1,3,5-Trimethylbenzene	105	9.511	9.511	(0.942)	71902	5.00000	4.7
	98 4-Chlorotoluene	91	9.587	9.587	(0.949)	60547	5.00000	4.9
	99 Butyl Methacrylate	87	9.770	9.770	(0.967)	21779	5.00000	4.3
	100 tert-Butylbenzene	119	9.752	9.752	(0.966)	56583	5.00000	4.6
	101 1,2,4-Trimethylbenzene	105	9.811	9.811	(0.971)	76069	5.00000	4.9
	102 2-Octanone	43	10.217	10.217	(1.012)	34826	5.00000	4.6
	103 sec-Butylbenzene	105	9.893	9.893	(0.980)	93829	5.00000	4.9
	105 1,3-Dichlorobenzene	146	10.040	10.040	(0.994)	42559	5.00000	5.2
	107 p-Isopropyltoluene	119	10.005	10.005	(0.991)	77208	5.00000	4.8
*	108 1,4-Dichlorobenzene-d4	152	10.099	10.099	(1.000)	222850	50.0000	
	109 1,4-Dichlorobenzene	146	10.111	10.111	(1.001)	42885	5.00000	5.2
	110 Benzyl Chloride	91	10.323	10.323	(1.022)	112080	5.00000	4.8
	106 n-Butylbenzene	91	10.323	10.323	(1.022)	112080	5.00000	4.8
	111 1,2-Dichlorobenzene	146	10.423	10.423	(1.032)	42982	5.00000	5.1
	112 1,2-Dibromo-3-chloropropane	75	11.011	11.011	(1.090)	4314	5.00000	4.9
	113 Camphor	95	11.699	11.699	(1.158)	10314	25.0000	14
	114 1,2,4-Trichlorobenzene	180	11.493	11.493	(1.138)	32868	5.00000	5.3
	115 Hexachlorobutadiene	225	11.475	11.475	(1.136)	13096	5.00000	4.9
	116 Naphthalene	128	11.723	11.722	(1.161)	75128	5.00000	5.2
	117 1,2,3-Trichlorobenzene	180	11.852	11.852	(1.174)	30232	5.00000	5.2
M	120 1,2-Dichloroethene (Total)	100				40959	10.0000	10
M	121 Xylene (Total)	100				95094	15.0000	15

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16203.d
Report Date: 09-Feb-2010 11:01

QC Flag Legend

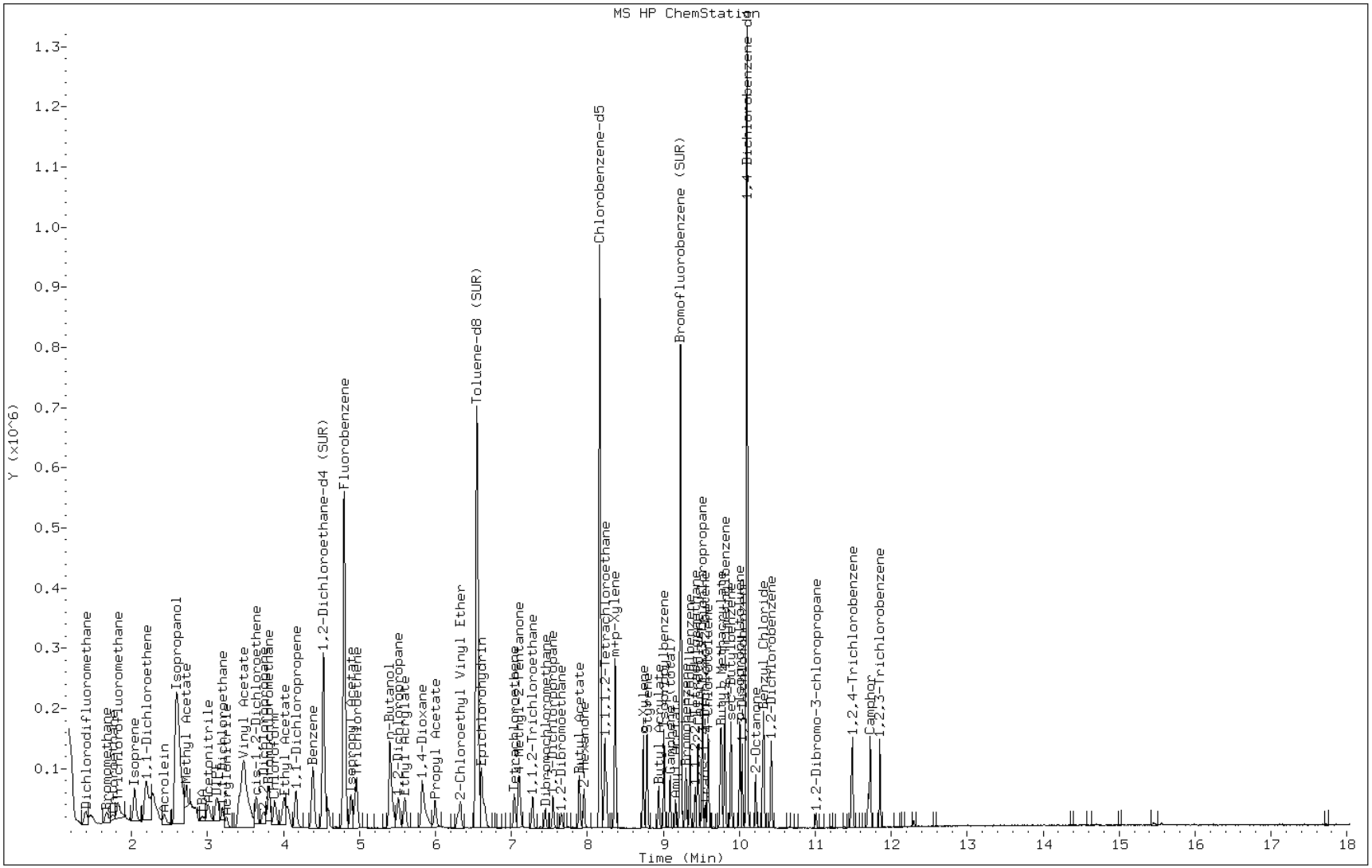
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d16203.d

Date: 02-FEB-2010 09:15

Client ID: Instrument: VOAMS4.i

Sample Info: IC-VM8CAL2 Operator:



Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16205.d
Report Date: 09-Feb-2010 11:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16205.d
Lab Smp Id: IC-VM8CAL1
Inj Date : 02-FEB-2010 10:04
Operator : Inst ID: VOAMS4.i
Smp Info : IC-VM8CAL1
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/8260DE_09.m
Meth Date : 09-Feb-2010 10:42 pritch Quant Type: ISTD
Cal Date : 02-FEB-2010 08:26 Cal File: d16201.d
Als bottle: 5 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.276	1.300	(0.266)	3073	1.00000	0.97(a)
3 Chloromethane	50	1.382	1.394	(0.288)	6937	1.00000	1.1
4 Vinyl Chloride	62	1.470	1.464	(0.307)	6234	1.00000	1.1
6 Bromomethane	94	1.658	1.676	(0.346)	4314	1.00000	1.2
5 Chloroethane	64	1.747	1.752	(0.364)	3456	1.00000	1.0
7 Trichlorofluoromethane	101	1.823	1.835	(0.380)	4536	1.00000	0.74(a)
8 n-Pentane	72	1.805	1.823	(0.377)	539	1.00000	1.1(a)
10 Isoprene	67	2.023	2.035	(0.422)	5616	1.00000	1.1
11 Ethyl Ether	59	2.047	2.052	(0.427)	3504	1.00000	1.1
13 Acrolein	56	2.423	2.435	(0.505)	4285	4.00000	5.1
15 1,1-Dichloroethene	96	2.176	2.182	(0.454)	2896	1.00000	0.97(a)
14 Freon TF	101	2.235	2.276	(0.466)	2275	1.00000	0.83(a)
16 Acetone	58	2.641	2.652	(0.551)	6631	10.0000	12
17 Iodomethane	142	2.270	2.288	(0.474)	5026	1.00000	0.81(a)
18 Carbon Disulfide	76	2.194	2.200	(0.458)	11957	1.00000	0.93(a)
19 Isopropanol	45	2.582	2.588	(0.539)	371035	1000.00	1000

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16205.d
Report Date: 09-Feb-2010 11:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	3.017	3.011	(0.629)	3696	20.0000	24
	27 Methyl Acetate	74	2.741	2.747	(0.572)	898	1.00000	0.91(a)
	22 Methylene Chloride	84	2.594	2.605	(0.541)	4810	1.00000	1.1
	24 TBA	59	2.952	2.958	(0.616)	11529	20.0000	21
	25 trans-1,2-Dichloroethene	96	2.717	2.723	(0.567)	3955	1.00000	1.0
	26 Acrylonitrile	53	3.246	3.247	(0.677)	3716	2.00000	2.2
	28 MTBE	73	2.823	2.835	(0.589)	13241	1.00000	1.0
	29 Hexane	56	2.770	2.782	(0.578)	3179	1.00000	1.1
	30 1,1-Dichloroethane	63	3.188	3.199	(0.665)	7332	1.00000	1.0
	32 DIPE	45	3.117	3.123	(0.650)	16512	1.00000	1.1
	35 t-Butyl-ethyl-ether	59	3.405	3.411	(0.710)	12896	1.00000	0.89(a)
	37 2,2-Dichloropropane	77	3.741	3.741	(0.780)	5329	1.00000	1.1
	36 cis-1,2-Dichloroethene	96	3.629	3.641	(0.757)	4366	1.00000	1.0
	38 2-Butanone	72	4.158	4.158	(0.867)	5578	10.0000	8.9(aH)
	39 Ethyl Acetate	70	4.017	4.005	(0.838)	778	2.00000	1.9(a)
	40 Bromochloromethane	128	3.799	3.805	(0.793)	2326	1.00000	1.1
	41 Tetrahydrofuran	42	4.011	4.017	(0.837)	2753	1.00000	1.3
	42 Chloroform	83	3.876	3.882	(0.809)	6745	1.00000	0.97(a)
	43 1,1,1-Trichloroethane	97	4.058	4.058	(0.847)	5883	1.00000	1.00
	44 Cyclohexane	56	3.793	3.799	(0.791)	6950	1.00000	1.1
	45 Carbon Tetrachloride	117	3.988	3.994	(0.832)	5507	1.00000	0.97(a)
	46 1,1-Dichloropropene	75	4.152	4.158	(0.866)	5223	1.00000	1.0
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.523	4.523	(0.944)	23673	50.0000	48
	48 Benzene	78	4.388	4.388	(0.537)	15952	1.00000	1.1
	49 1,2-Dichloroethane	62	4.588	4.588	(0.957)	5396	1.00000	1.0
	51 n-Heptane	57	4.376	4.376	(0.913)	2825	1.00000	1.2(a)
	50 t-Amyl-methyl-ether	73	4.523	4.529	(0.944)	11769	1.00000	0.99(a)
	61 Isopropyl Acetate	43	4.888	4.888	(1.020)	15083	2.00000	1.8(a)
*	52 Fluorobenzene	96	4.793	4.799	(1.000)	566464	50.0000	
	54 Trichloroethene	95	4.958	4.964	(1.034)	3528	1.00000	0.95(a)
	53 n-Butanol	56	5.399	5.399	(1.126)	50707	500.000	420(a)
	56 Methyl cyclohexane	83	4.952	4.952	(1.033)	6798	1.00000	1.1
	55 Ethyl Acrylate	55	5.593	5.593	(1.167)	4583	1.00000	0.97(a)
	57 1,2-Dichloropropane	63	5.511	5.511	(1.150)	4401	1.00000	1.0
	58 Dibromomethane	93	5.393	5.399	(1.125)	2330	1.00000	0.96(a)
	60 1,4-Dioxane	88	5.829	5.835	(1.216)	53851	1000.00	1000
	59 Methyl Methacrylate	100	5.829	5.817	(1.216)	1047	1.00000	1.1
	75 Propyl Acetate	43	5.999	5.993	(1.252)	12312	2.00000	2.1
	68 Bromodichloromethane	83	5.593	5.599	(1.167)	4636	1.00000	0.91(a)
	62 2-Chloroethyl Vinyl Ether	63	6.282	6.287	(1.310)	2097	1.00000	0.90(a)
	63 Epichlorohydrin	57	6.646	6.646	(0.814)	7545	20.0000	19
	67 cis-1,3-Dichloropropene	75	6.323	6.329	(0.774)	5207	1.00000	0.93(a)
	70 4-Methyl-2-Pentanone	43	7.093	7.093	(0.869)	43199	10.0000	10
$	65 Toluene-d8 (SUR)	98	6.546	6.546	(0.802)	515422	50.0000	50
	66 Toluene	91	6.605	6.605	(0.809)	18322	1.00000	1.2
	64 trans-1,3-Dichloropropene	75	7.111	7.111	(0.871)	4605	1.00000	0.91(a)
	69 1,1,2-Trichloroethane	83	7.276	7.276	(0.891)	2597	1.00000	0.96(a)

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16205.d
Report Date: 09-Feb-2010 11:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	7.040	7.040	(0.862)	3472	1.00000	0.95(a)
	72 1,3-Dichloropropane	76	7.546	7.546	(0.924)	5533	1.00000	1.0
	73 2-Hexanone	43	7.952	7.952	(0.974)	27873	10.0000	9.6(aH)
	74 Dibromochloromethane	129	7.446	7.446	(0.912)	3061	1.00000	0.90(a)
	76 Butyl Acetate	73	7.893	7.887	(0.967)	1887	2.00000	2.0
	77 1,2-Dibromoethane	107	7.658	7.658	(0.938)	2905	1.00000	0.93(a)
*	78 Chlorobenzene-d5	117	8.164	8.164	(1.000)	411519	50.0000	
	79 Chlorobenzene	112	8.176	8.176	(1.001)	9383	1.00000	1.0
	80 1,1,1,2-Tetrachloroethane	131	8.246	8.252	(1.010)	3383	1.00000	0.88(a)
	81 Ethylbenzene	106	8.228	8.229	(1.008)	4893	1.00000	0.96(a)
	82 m+p-Xylene	106	8.364	8.364	(1.024)	12013	2.00000	1.9
	84 o-Xylene	106	8.734	8.734	(1.070)	5908	1.00000	0.91(a)
	85 Styrene	104	8.781	8.781	(1.076)	8784	1.00000	0.88(a)
	83 Butyl Acrylate	73	8.940	8.940	(1.095)	2391	1.00000	0.89(a)
	86 Bromoform	173	8.787	8.781	(1.076)	1859	1.00000	0.81(a)
	87 Amyl Acetate	43	9.158	9.158	(0.907)	4235	1.00000	0.88(a)
	88 Isopropylbenzene	105	9.011	9.011	(1.104)	14438	1.00000	0.85(a)
$	89 Bromofluorobenzene (SUR)	174	9.228	9.223	(0.914)	177315	50.0000	48
	90 Camphene (total)	93	9.087	9.087	(1.113)	5080	1.00000	0.97(a)
	91 Bromobenzene	156	9.299	9.299	(0.921)	4346	1.00000	1.0
	92 1,1,2,2-Tetrachloroethane	83	9.417	9.417	(0.932)	4079	1.00000	0.86(a)
	93 1,2,3-Trichloropropane	110	9.505	9.505	(0.941)	1230	1.00000	0.90(a)
	94 trans-1,4-Dichloro-2-butene	53	9.552	9.552	(0.946)	1211	1.00000	0.96(a)
	95 n-Propylbenzene	91	9.346	9.346	(0.925)	18190	1.00000	0.88(a)
	96 2-Chlorotoluene	91	9.458	9.452	(0.936)	11433	1.00000	0.90(a)
	97 1,3,5-Trimethylbenzene	105	9.511	9.511	(0.942)	12756	1.00000	0.84(a)
	98 4-Chlorotoluene	91	9.587	9.587	(0.949)	11351	1.00000	0.92(a)
	99 Butyl Methacrylate	87	9.770	9.770	(0.967)	3704	1.00000	0.73(a)
	100 tert-Butylbenzene	119	9.752	9.752	(0.966)	9803	1.00000	0.79(a)
	101 1,2,4-Trimethylbenzene	105	9.811	9.811	(0.971)	13388	1.00000	0.86(a)
	102 2-Octanone	43	10.217	10.217	(1.012)	5807	1.00000	0.76(a)
	103 sec-Butylbenzene	105	9.893	9.893	(0.980)	15213	1.00000	0.79(a)
	105 1,3-Dichlorobenzene	146	10.040	10.040	(0.994)	8020	1.00000	0.97(a)
	107 p-Isopropyltoluene	119	10.005	10.005	(0.991)	12532	1.00000	0.78(a)
*	108 1,4-Dichlorobenzene-d4	152	10.099	10.099	(1.000)	223676	50.0000	
	109 1,4-Dichlorobenzene	146	10.111	10.111	(1.001)	8307	1.00000	1.00
	110 Benzyl Chloride	91	10.322	10.323	(1.022)	19080	1.00000	0.82(a)
	106 n-Butylbenzene	91	10.322	10.323	(1.022)	19080	1.00000	0.82(a)
	111 1,2-Dichlorobenzene	146	10.422	10.423	(1.032)	7892	1.00000	0.94(a)
	112 1,2-Dibromo-3-chloropropane	75	11.005	11.011	(1.090)	853	1.00000	0.97(a)
	113 Camphor	95	11.699	11.699	(1.158)	1901	5.00000	2.5(a)
	114 1,2,4-Trichlorobenzene	180	11.493	11.493	(1.138)	5639	1.00000	0.90(a)
	115 Hexachlorobutadiene	225	11.475	11.475	(1.136)	2299	1.00000	0.85(a)
	116 Naphthalene	128	11.722	11.722	(1.161)	13099	1.00000	0.90(a)
	117 1,2,3-Trichlorobenzene	180	11.852	11.852	(1.174)	5837	1.00000	1.00
M	120 1,2-Dichloroethene (Total)	100				8321	2.00000	2.0
M	121 Xylene (Total)	100				17921	3.00000	2.8(a)

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16205.d
Report Date: 09-Feb-2010 11:01

QC Flag Legend

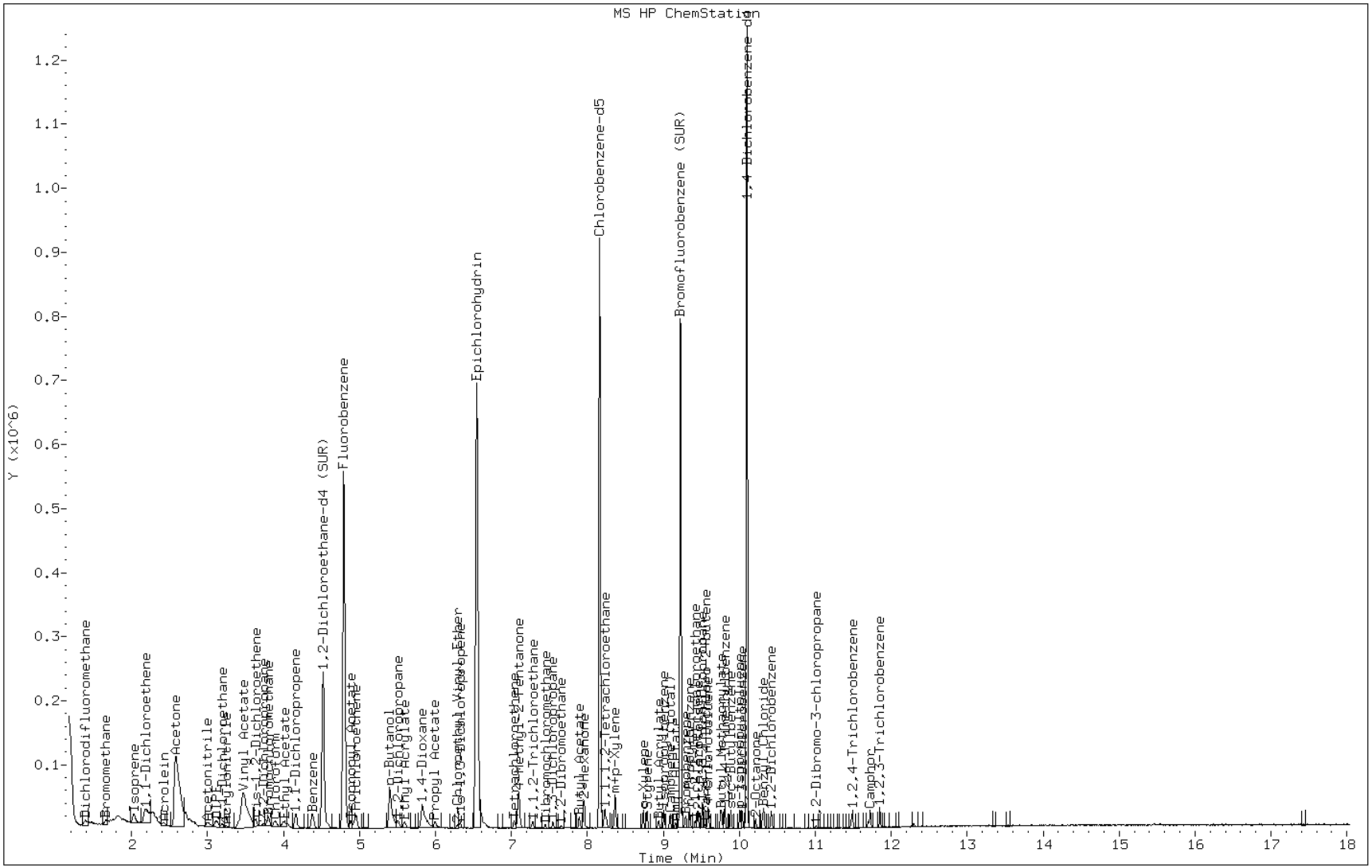
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: d16205.d

Date: 02-FEB-2010 10:04

Client ID: Instrument: VOAMS4.i

Sample Info: IC-VM8CAL1 Operator:



Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16206.d
Report Date: 09-Feb-2010 11:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16206.d
Lab Smp Id: IC-VM8CAL4
Inj Date : 02-FEB-2010 10:28
Operator : Inst ID: VOAMS4.i
Smp Info : IC-VM8CAL4
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/8260DE_09.m
Meth Date : 09-Feb-2010 10:42 pritch Quant Type: ISTD
Cal Date : 02-FEB-2010 08:26 Cal File: d16201.d
Als bottle: 6 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.288	1.300	(0.268)	135346	50.0000	42
3 Chloromethane	50	1.399	1.394	(0.292)	282863	50.0000	43
4 Vinyl Chloride	62	1.470	1.464	(0.306)	265531	50.0000	44
6 Bromomethane	94	1.676	1.676	(0.349)	157719	50.0000	42
5 Chloroethane	64	1.758	1.752	(0.366)	155773	50.0000	46
7 Trichlorofluoromethane	101	1.852	1.835	(0.386)	263459	50.0000	42
8 n-Pentane	72	1.823	1.823	(0.380)	24858	50.0000	51
10 Isoprene	67	2.035	2.035	(0.424)	247765	50.0000	50
11 Ethyl Ether	59	2.052	2.052	(0.428)	158999	50.0000	49
13 Acrolein	56	2.435	2.435	(0.507)	72532	100.000	85
15 1,1-Dichloroethene	96	2.182	2.182	(0.455)	164589	50.0000	54
14 Freon TF	101	2.258	2.276	(0.471)	109089	50.0000	39
16 Acetone	58	2.652	2.652	(0.553)	27028	50.0000	48
17 Iodomethane	142	2.288	2.288	(0.477)	323831	50.0000	52
18 Carbon Disulfide	76	2.199	2.200	(0.458)	641711	50.0000	49
19 Isopropanol	45	2.593	2.588	(0.540)	1363379	4000.00	3800

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16206.d
Report Date: 09-Feb-2010 11:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	3.017	3.011	(0.629)	167380	1000.00	1000
	27 Methyl Acetate	74	2.746	2.747	(0.572)	52375	50.0000	52
	22 Methylene Chloride	84	2.611	2.605	(0.544)	248054	50.0000	54
	24 TBA	59	2.946	2.958	(0.614)	528495	1000.00	960
	25 trans-1,2-Dichloroethene	96	2.723	2.723	(0.567)	212217	50.0000	54
	26 Acrylonitrile	53	3.252	3.247	(0.678)	81412	50.0000	46
	28 MTBE	73	2.841	2.835	(0.592)	635095	50.0000	50
	29 Hexane	56	2.782	2.782	(0.580)	151439	50.0000	51
	30 1,1-Dichloroethane	63	3.199	3.199	(0.667)	395623	50.0000	54
	32 DIPE	45	3.123	3.123	(0.651)	749582	50.0000	49
	35 t-Butyl-ethyl-ether	59	3.423	3.411	(0.713)	804303	50.0000	55
	37 2,2-Dichloropropane	77	3.740	3.741	(0.779)	269207	50.0000	54
	36 cis-1,2-Dichloroethene	96	3.640	3.641	(0.759)	231051	50.0000	54
	38 2-Butanone	72	4.164	4.158	(0.868)	34373	50.0000	54(H)
	39 Ethyl Acetate	70	4.011	4.005	(0.836)	41495	100.000	100
	40 Bromochloromethane	128	3.811	3.805	(0.794)	112144	50.0000	53
	41 Tetrahydrofuran	42	4.017	4.017	(0.837)	95645	50.0000	44
	42 Chloroform	83	3.888	3.882	(0.810)	377043	50.0000	54
	43 1,1,1-Trichloroethane	97	4.058	4.058	(0.846)	329071	50.0000	55
	44 Cyclohexane	56	3.805	3.799	(0.793)	312103	50.0000	48
	45 Carbon Tetrachloride	117	3.993	3.994	(0.832)	327729	50.0000	57
	46 1,1-Dichloropropene	75	4.164	4.158	(0.868)	271994	50.0000	53
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.523	4.523	(0.942)	24325	50.0000	49
	48 Benzene	78	4.393	4.388	(0.538)	836806	50.0000	53
	49 1,2-Dichloroethane	62	4.593	4.588	(0.957)	280567	50.0000	53
	51 n-Heptane	57	4.382	4.376	(0.913)	118349	50.0000	48
	50 t-Amyl-methyl-ether	73	4.535	4.529	(0.945)	607350	50.0000	50
	61 Isopropyl Acetate	43	4.887	4.888	(1.018)	824891	100.000	100
*	52 Fluorobenzene	96	4.799	4.799	(1.000)	574891	50.0000	
	54 Trichloroethene	95	4.970	4.964	(1.036)	201093	50.0000	53
	53 n-Butanol	56	5.405	5.399	(1.126)	234244	2000.00	1900
	56 Methyl cyclohexane	83	4.952	4.952	(1.032)	325544	50.0000	52
	55 Ethyl Acrylate	55	5.593	5.593	(1.165)	229218	50.0000	48
	57 1,2-Dichloropropane	63	5.517	5.511	(1.150)	221212	50.0000	52
	58 Dibromomethane	93	5.399	5.399	(1.125)	133714	50.0000	54
	60 1,4-Dioxane	88	5.834	5.835	(1.216)	193674	4000.00	3700
	59 Methyl Methacrylate	100	5.817	5.817	(1.212)	45993	50.0000	47
	75 Propyl Acetate	43	5.993	5.993	(1.249)	565515	100.000	95
	68 Bromodichloromethane	83	5.599	5.599	(1.167)	275524	50.0000	53
	62 2-Chloroethyl Vinyl Ether	63	6.293	6.287	(1.311)	117719	50.0000	50
	63 Epichlorohydrin	57	6.646	6.646	(0.814)	414553	1000.00	1000
	67 cis-1,3-Dichloropropene	75	6.329	6.329	(0.775)	315943	50.0000	54
	70 4-Methyl-2-Pentanone	43	7.093	7.093	(0.869)	227303	50.0000	50
$	65 Toluene-d8 (SUR)	98	6.546	6.546	(0.802)	535044	50.0000	49
	66 Toluene	91	6.611	6.605	(0.810)	841532	50.0000	51
	64 trans-1,3-Dichloropropene	75	7.117	7.111	(0.872)	284452	50.0000	54
	69 1,1,2-Trichloroethane	83	7.281	7.276	(0.892)	150179	50.0000	53

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16206.d
Report Date: 09-Feb-2010 11:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	7.040	7.040	(0.862)	202410	50.0000	53
	72 1,3-Dichloropropane	76	7.552	7.546	(0.925)	304148	50.0000	53
	73 2-Hexanone	43	7.952	7.952	(0.974)	151056	50.0000	50(H)
	74 Dibromochloromethane	129	7.446	7.446	(0.912)	191747	50.0000	54
	76 Butyl Acetate	73	7.893	7.887	(0.967)	98522	100.000	98
	77 1,2-Dibromoethane	107	7.658	7.658	(0.938)	177037	50.0000	54
*	78 Chlorobenzene-d5	117	8.164	8.164	(1.000)	428957	50.0000	
	79 Chlorobenzene	112	8.181	8.176	(1.002)	509787	50.0000	52
	80 1,1,1,2-Tetrachloroethane	131	8.252	8.252	(1.011)	221899	50.0000	55
	81 Ethylbenzene	106	8.228	8.229	(1.008)	283279	50.0000	53
	82 m+p-Xylene	106	8.370	8.364	(1.025)	699856	100.000	100
	84 o-Xylene	106	8.740	8.734	(1.071)	368527	50.0000	54
	85 Styrene	104	8.787	8.781	(1.076)	562364	50.0000	54
	83 Butyl Acrylate	73	8.940	8.940	(1.095)	141789	50.0000	50
	86 Bromoform	173	8.787	8.781	(1.076)	131664	50.0000	55
	87 Amyl Acetate	43	9.158	9.158	(0.907)	243318	50.0000	49
	88 Isopropylbenzene	105	9.011	9.011	(1.104)	978325	50.0000	55
$	89 Bromofluorobenzene (SUR)	174	9.228	9.223	(0.914)	182929	50.0000	49
	90 Camphene (total)	93	9.087	9.087	(1.113)	280466	50.0000	52
	91 Bromobenzene	156	9.299	9.299	(0.921)	231018	50.0000	52
	92 1,1,2,2-Tetrachloroethane	83	9.417	9.417	(0.932)	266865	50.0000	55
	93 1,2,3-Trichloropropane	110	9.511	9.505	(0.942)	74614	50.0000	53
	94 trans-1,4-Dichloro-2-butene	53	9.552	9.552	(0.946)	63418	50.0000	49
	95 n-Propylbenzene	91	9.352	9.346	(0.926)	1157108	50.0000	55
	96 2-Chlorotoluene	91	9.458	9.452	(0.936)	691433	50.0000	53
	97 1,3,5-Trimethylbenzene	105	9.517	9.511	(0.942)	845772	50.0000	54
	98 4-Chlorotoluene	91	9.593	9.587	(0.950)	663333	50.0000	53
	99 Butyl Methacrylate	87	9.769	9.770	(0.967)	263222	50.0000	51
	100 tert-Butylbenzene	119	9.758	9.752	(0.966)	687891	50.0000	54
	101 1,2,4-Trimethylbenzene	105	9.811	9.811	(0.971)	857458	50.0000	54
	102 2-Octanone	43	10.217	10.217	(1.012)	378737	50.0000	48
	103 sec-Butylbenzene	105	9.893	9.893	(0.980)	1095496	50.0000	55
	105 1,3-Dichlorobenzene	146	10.040	10.040	(0.994)	440068	50.0000	52
	107 p-Isopropyltoluene	119	10.011	10.005	(0.991)	906066	50.0000	55
*	108 1,4-Dichlorobenzene-d4	152	10.099	10.099	(1.000)	228910	50.0000	
	109 1,4-Dichlorobenzene	146	10.111	10.111	(1.001)	443525	50.0000	52
	110 Benzyl Chloride	91	10.322	10.323	(1.022)	1251856	50.0000	52
	106 n-Butylbenzene	91	10.322	10.323	(1.022)	1251856	50.0000	52
	111 1,2-Dichlorobenzene	146	10.422	10.423	(1.032)	453168	50.0000	53
	112 1,2-Dibromo-3-chloropropane	75	11.011	11.011	(1.090)	46722	50.0000	52
	113 Camphor	95	11.699	11.699	(1.158)	118404	250.000	150
	114 1,2,4-Trichlorobenzene	180	11.493	11.493	(1.138)	330474	50.0000	52
	115 Hexachlorobutadiene	225	11.475	11.475	(1.136)	138186	50.0000	50
	116 Naphthalene	128	11.722	11.722	(1.161)	791135	50.0000	53
	117 1,2,3-Trichlorobenzene	180	11.852	11.852	(1.174)	303587	50.0000	51
M	120 1,2-Dichloroethene (Total)	100				443268	100.000	110
M	121 Xylene (Total)	100				1068383	150.000	160

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16206.d
Report Date: 09-Feb-2010 11:06

QC Flag Legend

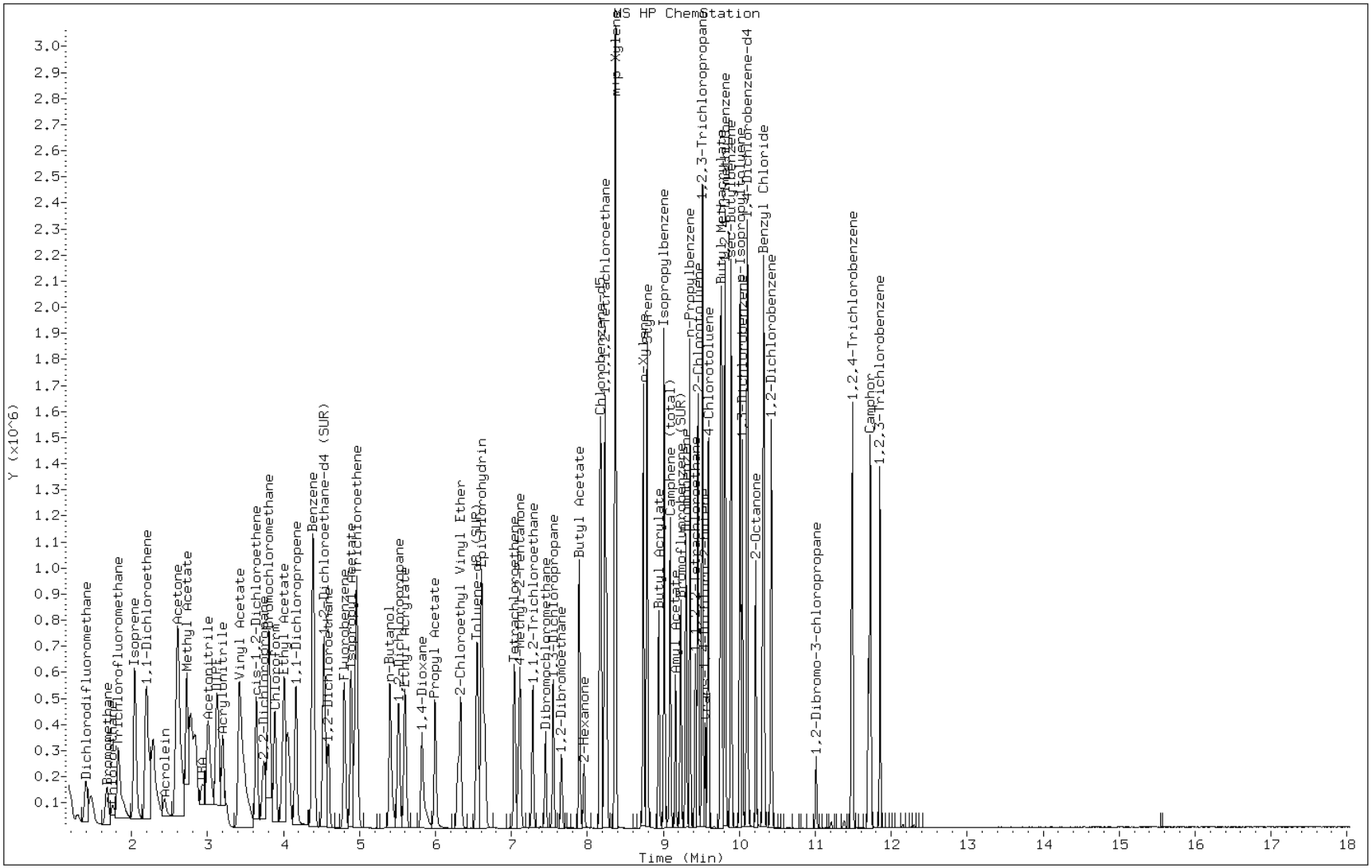
H - Operator selected an alternate compound hit.

Data File: d16206.d

Date: 02-FEB-2010 10:28

Client ID: Instrument: VOAMS4.i

Sample Info: IC-VM8CAL4 Operator:



Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16207.d
Report Date: 09-Feb-2010 11:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16207.d
Lab Smp Id: IC-VM8CAL5
Inj Date : 02-FEB-2010 10:52
Operator : Inst ID: VOAMS4.i
Smp Info : IC-VM8CAL5
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/8260DE_09.m
Meth Date : 09-Feb-2010 10:42 pritch Quant Type: ISTD
Cal Date : 02-FEB-2010 08:26 Cal File: d16201.d
Als bottle: 7 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.288	1.300	(0.268)	785254	200.000	250
3 Chloromethane	50	1.405	1.394	(0.293)	1484985	200.000	230
4 Vinyl Chloride	62	1.470	1.464	(0.306)	1359182	200.000	230
6 Bromomethane	94	1.682	1.676	(0.350)	822667	200.000	220
5 Chloroethane	64	1.758	1.752	(0.366)	763499	200.000	230
7 Trichlorofluoromethane	101	1.882	1.835	(0.392)	1742594	200.000	290
8 n-Pentane	72	1.823	1.823	(0.380)	103162	200.000	220
10 Isoprene	67	2.035	2.035	(0.424)	1073606	200.000	220
11 Ethyl Ether	59	2.052	2.052	(0.428)	685893	200.000	220
13 Acrolein	56	2.435	2.435	(0.507)	172979	200.000	210
15 1,1-Dichloroethene	96	2.182	2.182	(0.455)	591964	200.000	200
14 Freon TF	101	1.882	2.276	(0.392)	813055	200.000	300
16 Acetone	58	2.652	2.652	(0.553)	93412	200.000	170
17 Iodomethane	142	2.288	2.288	(0.477)	1438901	200.000	230
18 Carbon Disulfide	76	2.199	2.200	(0.458)	2938772	200.000	230
19 Isopropanol	45	2.588	2.588	(0.539)	1790575	5000.00	5100

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16207.d
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	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	3.005	3.011	(0.626)	561477	4000.00	3600
	27 Methyl Acetate	74	2.746	2.747	(0.572)	220442	200.000	220
	22 Methylene Chloride	84	2.611	2.605	(0.544)	861580	200.000	190
	24 TBA	59	2.952	2.958	(0.615)	2367875	4000.00	4400
	25 trans-1,2-Dichloroethene	96	2.723	2.723	(0.567)	770603	200.000	200
	26 Acrylonitrile	53	3.252	3.247	(0.678)	186789	100.000	110
	28 MTBE	73	2.835	2.835	(0.591)	2753751	200.000	220
	29 Hexane	56	2.776	2.782	(0.578)	642836	200.000	220
	30 1,1-Dichloroethane	63	3.199	3.199	(0.667)	1419785	200.000	200
	32 DIPE	45	3.129	3.123	(0.652)	3312137	200.000	220
	35 t-Butyl-ethyl-ether	59	3.423	3.411	(0.713)	3176591	200.000	220
	37 2,2-Dichloropropane	77	3.740	3.741	(0.779)	906618	200.000	190
	36 cis-1,2-Dichloroethene	96	3.641	3.641	(0.759)	825847	200.000	200
	38 2-Butanone	72	4.164	4.158	(0.868)	137487	200.000	220(H)
	39 Ethyl Acetate	70	4.011	4.005	(0.836)	181972	400.000	460
	40 Bromochloromethane	128	3.811	3.805	(0.794)	401073	200.000	190
	41 Tetrahydrofuran	42	4.011	4.017	(0.836)	431273	200.000	200
	42 Chloroform	83	3.888	3.882	(0.810)	1368023	200.000	200
	43 1,1,1-Trichloroethane	97	4.058	4.058	(0.846)	1161861	200.000	200
	44 Cyclohexane	56	3.805	3.799	(0.793)	1518807	200.000	240
	45 Carbon Tetrachloride	117	3.999	3.994	(0.833)	1177781	200.000	210
	46 1,1-Dichloropropene	75	4.164	4.158	(0.868)	1007977	200.000	200
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.529	4.523	(0.944)	26596	50.0000	54
	48 Benzene	78	4.393	4.388	(0.538)	3112474	200.000	200
	49 1,2-Dichloroethane	62	4.593	4.588	(0.957)	1008885	200.000	200
	51 n-Heptane	57	4.382	4.376	(0.913)	535546	200.000	220
	50 t-Amyl-methyl-ether	73	4.535	4.529	(0.945)	2740409	200.000	230
	61 Isopropyl Acetate	43	4.887	4.888	(1.018)	3814337	400.000	470
*	52 Fluorobenzene	96	4.799	4.799	(1.000)	562236	50.0000	
	54 Trichloroethene	95	4.970	4.964	(1.036)	747471	200.000	200
	53 n-Butanol	56	5.405	5.399	(1.126)	333698	2500.00	2800
	56 Methyl cyclohexane	83	4.952	4.952	(1.032)	1372467	200.000	220
	55 Ethyl Acrylate	55	5.593	5.593	(1.165)	1108462	200.000	240
	57 1,2-Dichloropropane	63	5.517	5.511	(1.150)	828214	200.000	200
	58 Dibromomethane	93	5.399	5.399	(1.125)	489097	200.000	200
	60 1,4-Dioxane	88	5.834	5.835	(1.216)	268263	5000.00	5200
	59 Methyl Methacrylate	100	5.817	5.817	(1.212)	219474	200.000	230
	75 Propyl Acetate	43	5.993	5.993	(1.249)	2663235	400.000	460
	68 Bromodichloromethane	83	5.605	5.599	(1.168)	1054190	200.000	210
	62 2-Chloroethyl Vinyl Ether	63	6.299	6.287	(1.313)	553502	200.000	240
	63 Epichlorohydrin	57	6.646	6.646	(0.814)	1946054	4000.00	4600
	67 cis-1,3-Dichloropropene	75	6.329	6.329	(0.775)	1239911	200.000	210
	70 4-Methyl-2-Pentanone	43	7.093	7.093	(0.869)	1062605	200.000	230
$	65 Toluene-d8 (SUR)	98	6.552	6.546	(0.803)	599485	50.0000	55
	66 Toluene	91	6.611	6.605	(0.810)	3215082	200.000	190
	64 trans-1,3-Dichloropropene	75	7.117	7.111	(0.872)	1126204	200.000	210
	69 1,1,2-Trichloroethane	83	7.281	7.276	(0.892)	575220	200.000	200

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16207.d
Report Date: 09-Feb-2010 11:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	7.040	7.040	(0.862)	787524	200.000	200
	72 1,3-Dichloropropane	76	7.552	7.546	(0.925)	1170212	200.000	200
	73 2-Hexanone	43	7.952	7.952	(0.974)	686829	200.000	220(H)
	74 Dibromochloromethane	129	7.452	7.446	(0.913)	767745	200.000	210
	76 Butyl Acetate	73	7.893	7.887	(0.967)	475971	400.000	460
	77 1,2-Dibromoethane	107	7.658	7.658	(0.938)	669327	200.000	200
*	78 Chlorobenzene-d5	117	8.164	8.164	(1.000)	434666	50.0000	
	79 Chlorobenzene	112	8.181	8.176	(1.002)	1989641	200.000	200
	80 1,1,1,2-Tetrachloroethane	131	8.252	8.252	(1.011)	857409	200.000	210
	81 Ethylbenzene	106	8.228	8.229	(1.008)	1099547	200.000	200
	82 m+p-Xylene	106	8.370	8.364	(1.025)	2763712	400.000	410
	84 o-Xylene	106	8.740	8.734	(1.071)	1431002	200.000	210
	85 Styrene	104	8.787	8.781	(1.076)	2213065	200.000	210
	83 Butyl Acrylate	73	8.940	8.940	(1.095)	686793	200.000	240
	86 Bromoform	173	8.787	8.781	(1.076)	532819	200.000	220
	87 Amyl Acetate	43	9.158	9.158	(0.907)	1161715	200.000	240
	88 Isopropylbenzene	105	9.011	9.011	(1.104)	3883836	200.000	220
$	89 Bromofluorobenzene (SUR)	174	9.228	9.223	(0.914)	201596	50.0000	56
	90 Camphene (total)	93	9.087	9.087	(1.113)	1359765	200.000	250
	91 Bromobenzene	156	9.299	9.299	(0.921)	870845	200.000	200
	92 1,1,2,2-Tetrachloroethane	83	9.422	9.417	(0.933)	994813	200.000	210
	93 1,2,3-Trichloropropane	110	9.511	9.505	(0.942)	278841	200.000	210
	94 trans-1,4-Dichloro-2-butene	53	9.552	9.552	(0.946)	283125	200.000	230
	95 n-Propylbenzene	91	9.352	9.346	(0.926)	4536088	200.000	220
	96 2-Chlorotoluene	91	9.458	9.452	(0.936)	2647686	200.000	210
	97 1,3,5-Trimethylbenzene	105	9.517	9.511	(0.942)	3362384	200.000	220
	98 4-Chlorotoluene	91	9.593	9.587	(0.950)	2521825	200.000	210
	99 Butyl Methacrylate	87	9.770	9.770	(0.967)	1273126	200.000	250
	100 tert-Butylbenzene	119	9.758	9.752	(0.966)	2783574	200.000	230
	101 1,2,4-Trimethylbenzene	105	9.811	9.811	(0.971)	3361723	200.000	220
	102 2-Octanone	43	10.217	10.217	(1.012)	1829439	200.000	240
	103 sec-Butylbenzene	105	9.893	9.893	(0.980)	4431129	200.000	230
	105 1,3-Dichlorobenzene	146	10.040	10.040	(0.994)	1632151	200.000	200
	107 p-Isopropyltoluene	119	10.011	10.005	(0.991)	3633189	200.000	230
*	108 1,4-Dichlorobenzene-d4	152	10.099	10.099	(1.000)	220614	50.0000	
	109 1,4-Dichlorobenzene	146	10.111	10.111	(1.001)	1630233	200.000	200
	110 Benzyl Chloride	91	10.322	10.323	(1.022)	5268840	200.000	230
	106 n-Butylbenzene	91	10.322	10.323	(1.022)	5268840	200.000	230
	111 1,2-Dichlorobenzene	146	10.422	10.423	(1.032)	1676003	200.000	200
	112 1,2-Dibromo-3-chloropropane	75	11.011	11.011	(1.090)	179454	200.000	210
	113 Camphor	95	11.699	11.699	(1.158)	654639	1000.00	880
	114 1,2,4-Trichlorobenzene	180	11.493	11.493	(1.138)	1230067	200.000	200
	115 Hexachlorobutadiene	225	11.475	11.475	(1.136)	562194	200.000	210
	116 Naphthalene	128	11.722	11.722	(1.161)	2995585	200.000	210
	117 1,2,3-Trichlorobenzene	180	11.852	11.852	(1.174)	1130216	200.000	200
M	120 1,2-Dichloroethene (Total)	100				1596450	400.000	400
M	121 Xylene (Total)	100				4194714	600.000	620

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16207.d
Report Date: 09-Feb-2010 11:10

QC Flag Legend

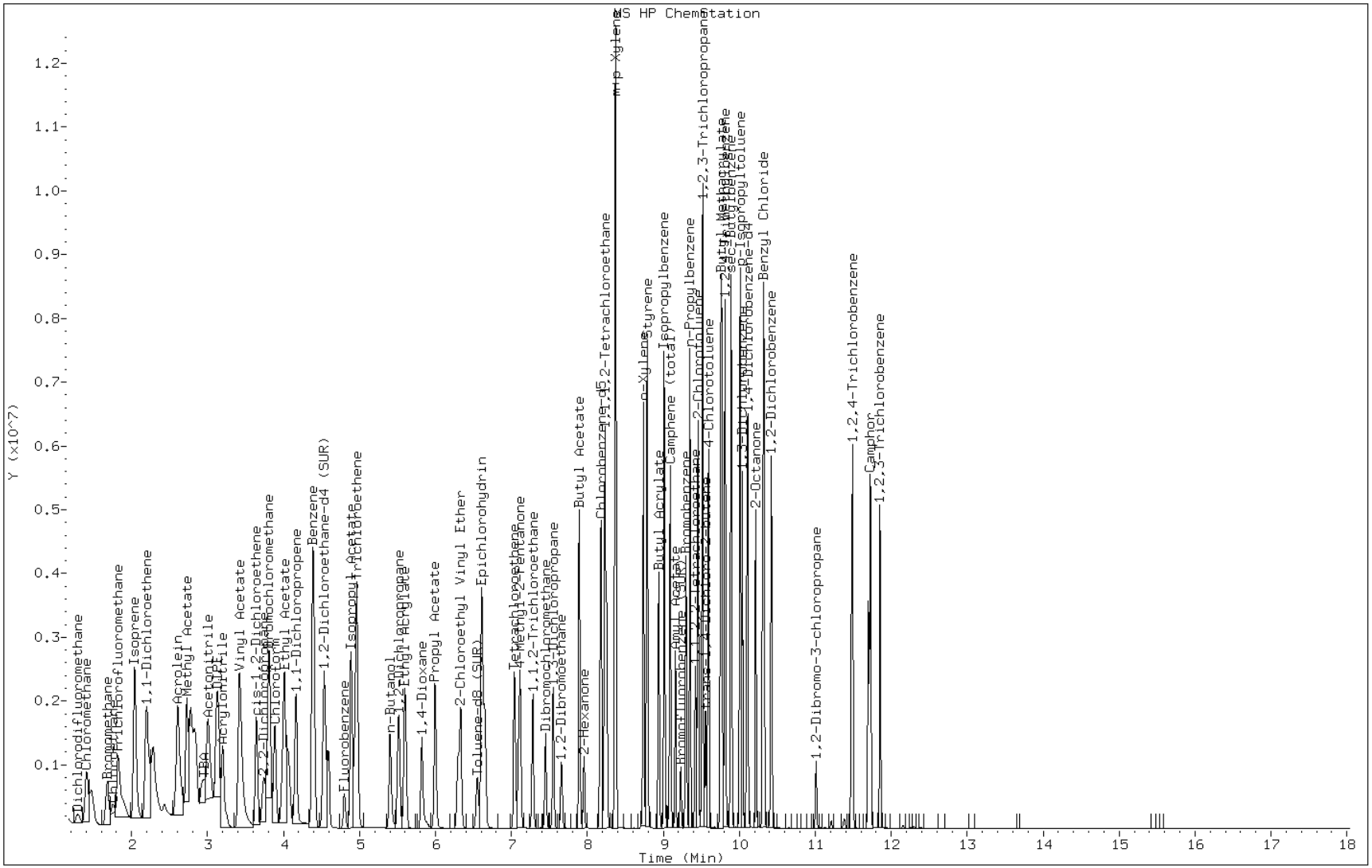
H - Operator selected an alternate compound hit.

Data File: d16207.d

Date: 02-FEB-2010 10:52

Client ID: Instrument: VOAMS4.i

Sample Info: IC-VM8CAL5 Operator:



Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16208.d
Report Date: 09-Feb-2010 11:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16208.d
Lab Smp Id: IC-VM8CAL6
Inj Date : 02-FEB-2010 11:16
Operator : Inst ID: VOAMS4.i
Smp Info : IC-VM8CAL6
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/8260DE_09.m
Meth Date : 09-Feb-2010 10:42 pritch Quant Type: ISTD
Cal Date : 02-FEB-2010 08:26 Cal File: d16201.d
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.294	1.300	(0.269)	2020038	500.000	500
3 Chloromethane	50	1.411	1.394	(0.294)	3811974	500.000	460
4 Vinyl Chloride	62	1.470	1.464	(0.306)	3505402	500.000	460
6 Bromomethane	94	1.682	1.676	(0.350)	2174925	500.000	460
5 Chloroethane	64	1.764	1.752	(0.367)	1904392	500.000	440
7 Trichlorofluoromethane	101	1.888	1.835	(0.393)	4516358	500.000	580(A)
8 n-Pentane	72	1.823	1.823	(0.379)	256579	500.000	420
10 Isoprene	67	2.035	2.035	(0.423)	2697634	500.000	430
11 Ethyl Ether	59	2.053	2.052	(0.427)	1754513	500.000	430
13 Acrolein	56	2.429	2.435	(0.505)	360124	400.000	340
15 1,1-Dichloroethene	96	2.182	2.182	(0.454)	1797771	500.000	470
14 Freon TF	101	2.270	2.276	(0.472)	1830854	500.000	520(A)
16 Acetone	58	2.658	2.652	(0.553)	240954	500.000	340
17 Iodomethane	142	2.294	2.288	(0.477)	3971461	500.000	500(A)
18 Carbon Disulfide	76	2.205	2.200	(0.459)	8329965	500.000	510(A)
19 Isopropanol	45	2.594	2.588	(0.540)	2964540	6000.00	6600(A)

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16208.d
Report Date: 09-Feb-2010 11:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	3.011	3.011	(0.627)	1860558	10000.0	9300
	27 Methyl Acetate	74	2.753	2.747	(0.573)	599885	500.000	480
	22 Methylene Chloride	84	2.611	2.605	(0.543)	2555038	500.000	440
	24 TBA	59	2.970	2.958	(0.618)	6960595	10000.0	10000(A)
	25 trans-1,2-Dichloroethene	96	2.723	2.723	(0.567)	2258714	500.000	450
	26 Acrylonitrile	53	3.252	3.247	(0.677)	429486	200.000	190
	28 MTBE	73	2.841	2.835	(0.591)	7304047	500.000	450
	29 Hexane	56	2.782	2.782	(0.579)	1662693	500.000	450
	30 1,1-Dichloroethane	63	3.200	3.199	(0.666)	4212596	500.000	460
	32 DIPE	45	3.135	3.123	(0.652)	8703507	500.000	450
	35 t-Butyl-ethyl-ether	59	3.429	3.411	(0.714)	8034769	500.000	430
	37 2,2-Dichloropropane	77	3.747	3.741	(0.780)	2496848	500.000	400
	36 cis-1,2-Dichloroethene	96	3.647	3.641	(0.759)	2484743	500.000	460
	38 2-Butanone	72	4.170	4.158	(0.868)	405937	500.000	500(AH)
	39 Ethyl Acetate	70	4.017	4.005	(0.836)	523201	1000.00	1000(A)
	40 Bromochloromethane	128	3.811	3.805	(0.793)	1207568	500.000	450
	41 Tetrahydrofuran	42	4.017	4.017	(0.836)	1422741	500.000	520(A)
	42 Chloroform	83	3.888	3.882	(0.809)	4134049	500.000	470
	43 1,1,1-Trichloroethane	97	4.064	4.058	(0.846)	3278128	500.000	430
	44 Cyclohexane	56	3.805	3.799	(0.792)	4001114	500.000	490
	45 Carbon Tetrachloride	117	3.994	3.994	(0.831)	3416417	500.000	470
	46 1,1-Dichloropropene	75	4.164	4.158	(0.867)	3110345	500.000	480
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.529	4.523	(0.942)	31375	50.0000	50
	48 Benzene	78	4.399	4.388	(0.538)	9741167	500.000	440
	49 1,2-Dichloroethane	62	4.594	4.588	(0.956)	3114370	500.000	470
	51 n-Heptane	57	4.382	4.376	(0.912)	1364939	500.000	440
	50 t-Amyl-methyl-ether	73	4.547	4.529	(0.946)	7048353	500.000	460
	61 Isopropyl Acetate	43	4.894	4.888	(1.018)	10891091	1000.00	1000(A)
*	52 Fluorobenzene	96	4.805	4.799	(1.000)	725058	50.0000	
	54 Trichloroethene	95	4.970	4.964	(1.034)	2365848	500.000	500
	53 n-Butanol	56	5.411	5.399	(1.126)	636986	3000.00	4100(A)
	56 Methyl cyclohexane	83	4.958	4.952	(1.032)	3287013	500.000	420
	55 Ethyl Acrylate	55	5.599	5.593	(1.165)	3266405	500.000	540(A)
	57 1,2-Dichloropropane	63	5.523	5.511	(1.149)	2597403	500.000	480
	58 Dibromomethane	93	5.405	5.399	(1.125)	1545414	500.000	500
	60 1,4-Dioxane	88	5.841	5.835	(1.215)	470109	6000.00	7100(A)
	59 Methyl Methacrylate	100	5.823	5.817	(1.212)	637007	500.000	520(A)
	75 Propyl Acetate	43	5.999	5.993	(1.248)	7902535	1000.00	1000(A)
	68 Bromodichloromethane	83	5.605	5.599	(1.166)	3407791	500.000	520(A)
	62 2-Chloroethyl Vinyl Ether	63	6.299	6.287	(1.311)	1628761	500.000	540(A)
	63 Epichlorohydrin	57	6.658	6.646	(0.815)	6061459	10000.0	10000(A)
	67 cis-1,3-Dichloropropene	75	6.335	6.329	(0.775)	4039986	500.000	490
	70 4-Methyl-2-Pentanone	43	7.099	7.093	(0.869)	3214394	500.000	510(A)
$	65 Toluene-d8 (SUR)	98	6.552	6.546	(0.802)	710540	50.0000	47
	66 Toluene	91	6.617	6.605	(0.810)	10432082	500.000	450
	64 trans-1,3-Dichloropropene	75	7.123	7.111	(0.872)	3727619	500.000	500(A)
	69 1,1,2-Trichloroethane	83	7.282	7.276	(0.891)	1869425	500.000	470

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16208.d
Report Date: 09-Feb-2010 11:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	7.046	7.040	(0.862)	2540198	500.000	470
	72 1,3-Dichloropropane	76	7.552	7.546	(0.924)	3827426	500.000	480
	73 2-Hexanone	43	7.958	7.952	(0.974)	2121167	500.000	500(H)
	74 Dibromochloromethane	129	7.452	7.446	(0.912)	2585825	500.000	520(A)
	76 Butyl Acetate	73	7.899	7.887	(0.967)	1466085	1000.00	1000(A)
	77 1,2-Dibromoethane	107	7.664	7.658	(0.938)	2224973	500.000	490
*	78 Chlorobenzene-d5	117	8.170	8.164	(1.000)	602277	50.0000	
	79 Chlorobenzene	112	8.182	8.176	(1.001)	6753989	500.000	490
	80 1,1,1,2-Tetrachloroethane	131	8.258	8.252	(1.011)	2768279	500.000	490
	81 Ethylbenzene	106	8.235	8.229	(1.008)	3686211	500.000	490
	82 m+p-Xylene	106	8.376	8.364	(1.025)	9270892	1000.00	1000
	84 o-Xylene	106	8.740	8.734	(1.070)	4720971	500.000	500
	85 Styrene	104	8.787	8.781	(1.076)	7735282	500.000	530(A)
	83 Butyl Acrylate	73	8.940	8.940	(1.094)	2099284	500.000	530(A)
	86 Bromoform	173	8.793	8.781	(1.076)	1857223	500.000	550(A)
	87 Amyl Acetate	43	9.158	9.158	(0.906)	3605377	500.000	540(A)
	88 Isopropylbenzene	105	9.017	9.011	(1.104)	11905179	500.000	480
$	89 Bromofluorobenzene (SUR)	174	9.229	9.223	(0.913)	249083	50.0000	49
	90 Camphene (total)	93	9.093	9.087	(1.113)	3690534	500.000	480
	91 Bromobenzene	156	9.299	9.299	(0.920)	2919764	500.000	480
	92 1,1,2,2-Tetrachloroethane	83	9.423	9.417	(0.932)	3349077	500.000	500(A)
	93 1,2,3-Trichloropropane	110	9.511	9.505	(0.941)	929780	500.000	490
	94 trans-1,4-Dichloro-2-butene	53	9.558	9.552	(0.946)	868423	500.000	490
	95 n-Propylbenzene	91	9.352	9.346	(0.925)	12630573	500.000	440
	96 2-Chlorotoluene	91	9.458	9.452	(0.936)	9046437	500.000	510(A)
	97 1,3,5-Trimethylbenzene	105	9.517	9.511	(0.942)	10645915	500.000	500(A)
	98 4-Chlorotoluene	91	9.593	9.587	(0.949)	8579030	500.000	500(A)
	99 Butyl Methacrylate	87	9.776	9.770	(0.967)	3953836	500.000	560(A)
	100 tert-Butylbenzene	119	9.758	9.752	(0.966)	9053196	500.000	520(A)
	101 1,2,4-Trimethylbenzene	105	9.817	9.811	(0.971)	10583678	500.000	490
	102 2-Octanone	43	10.217	10.217	(1.011)	6159339	500.000	580(A)
	103 sec-Butylbenzene	105	9.893	9.893	(0.979)	12123847	500.000	450
	105 1,3-Dichlorobenzene	146	10.046	10.040	(0.994)	5507009	500.000	480
	107 p-Isopropyltoluene	119	10.011	10.005	(0.991)	10637150	500.000	470
*	108 1,4-Dichlorobenzene-d4	152	10.105	10.099	(1.000)	311838	50.0000	
	109 1,4-Dichlorobenzene	146	10.117	10.111	(1.001)	5562062	500.000	480
	110 Benzyl Chloride	91	10.323	10.323	(1.022)	16046627	500.000	490
	106 n-Butylbenzene	91	10.323	10.323	(1.022)	16046627	500.000	490
	111 1,2-Dichlorobenzene	146	10.428	10.423	(1.032)	5724981	500.000	490
	112 1,2-Dibromo-3-chloropropane	75	11.011	11.011	(1.090)	661024	500.000	540(A)
	113 Camphor	95	11.699	11.699	(1.158)	2687472	2500.00	2500(A)
	114 1,2,4-Trichlorobenzene	180	11.493	11.493	(1.137)	4278767	500.000	490
	115 Hexachlorobutadiene	225	11.481	11.475	(1.136)	1830282	500.000	490
	116 Naphthalene	128	11.728	11.722	(1.161)	10167495	500.000	500
	117 1,2,3-Trichlorobenzene	180	11.858	11.852	(1.173)	3918607	500.000	480
M	120 1,2-Dichloroethene (Total)	100				4743457	1000.00	910
M	121 Xylene (Total)	100				13991863	1500.00	1500

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16208.d
Report Date: 09-Feb-2010 11:14

QC Flag Legend

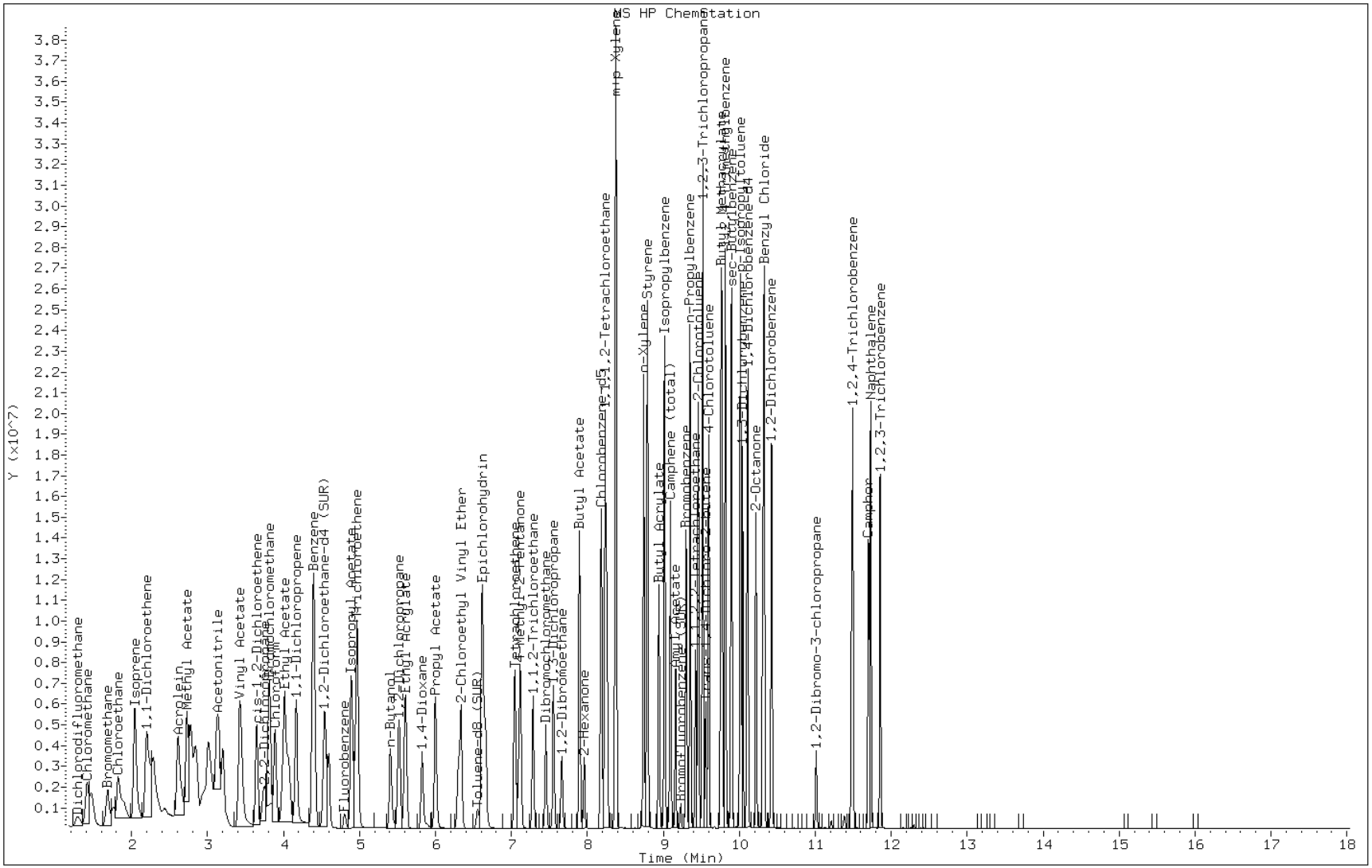
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: d16208.d

Date: 02-FEB-2010 11:16

Client ID: Instrument: VOAMS4.i

Sample Info: IC-VM8CAL6 Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCVIS 460-31311/2 Calibration Date: 03/05/2010 07:02

Instrument ID: VOAMS4 Calib Start Date: 02/02/2010 08:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/02/2010 11:16

Lab File ID: d16904.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2792	0.2145	0.1000	15.4	20.0	-23.2	25.0
Chloromethane	Ave	0.5663	0.6220	0.1000	22.0	20.0	9.8	25.0
Vinyl chloride	Ave	0.5188	0.4516	0.1000	17.4	20.0	-13.0	25.0
Bromomethane	Ave	0.3282	0.3981	0.1000	24.3	20.0	21.3	25.0
Chloroethane	Ave	0.2975	0.3189	0.1000	21.4	20.0	7.2	25.0
Pentane	Ave	0.0423	0.0587*	0.1000	27.7	20.0	38.6*	25.0
Trichlorofluoromethane	Ave	0.5384	0.5145	0.1000	19.1	20.0	-4.4	25.0
2-Methyl-1,3-butadiene	Ave	0.4338	0.5210	0.1000	24.0	20.0	20.1	25.0
Ethyl ether	Ave	0.2821	0.3380	0.1000	24.0	20.0	19.8	25.0
1,1-Dichloroethene	Ave	0.2626	0.2713	0.1000	20.7	20.0	3.3	25.0
Carbon disulfide	Ave	1.132	1.202	0.1000	21.2	20.0	6.2	25.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2409	0.2514	0.1000	20.9	20.0	4.4	25.0
Iodomethane	Ave	0.5464	0.6066	0.1000	22.2	20.0	11.0	25.0
Acrolein	Ave	0.0741	0.0744*	0.1000	40.2	40.0	0.4	25.0
Isopropyl alcohol	Ave	0.0310	0.0261*	0.1000	2530	3000	-15.8	25.0
Methylene Chloride	Ave	0.3956	0.3751	0.1000	19.0	20.0	-5.2	25.0
Acetone	Ave	0.0484	0.0568*	0.1000	23.5	20.0	17.4	25.0
trans-1,2-Dichloroethene	Ave	0.3427	0.3726	0.1000	21.7	20.0	8.7	25.0
Methyl acetate	Ave	0.0870	0.0894*	0.1000	20.6	20.0	2.8	25.0
Hexane	Ave	0.2565	0.3178	0.1000	24.8	20.0	23.9	25.0
Methyl tert-butyl ether	Ave	1.110	0.9934	0.1000	17.9	20.0	-10.5	25.0
2-Methyl-2-propanol	Ave	0.0477	0.0372*	0.1000	312	400	-22.0	25.0
Acetonitrile	Ave	0.0138	0.0108*	0.1000	314	400	-21.4	25.0
Isopropyl ether	Ave	1.332	1.254	0.1000	18.8	20.0	-5.8	25.0
1,1-Dichloroethane	Ave	0.6342	0.6634	0.1000	20.9	20.0	4.6	25.0
Acrylonitrile	Ave	0.1520	0.1588	0.1000	20.9	20.0	4.5	25.0
Tert-butyl ethyl ether	Ave	1.279	1.444	0.1000	22.6	20.0	12.9	25.0
cis-1,2-Dichloroethene	Ave	0.3730	0.3828	0.1000	20.5	20.0	2.6	25.0
2,2-Dichloropropane	Ave	0.4299	0.4177	0.1000	19.4	20.0	-2.8	25.0
Chlorobromomethane	Ave	0.1842	0.1887	0.1000	20.5	20.0	2.4	25.0
Cyclohexane	Ave	0.5670	0.4963	0.1000	17.5	20.0	-12.5	25.0
Chloroform	Ave	0.6107	0.6578	0.1000	21.5	20.0	7.7	25.0
Carbon tetrachloride	Ave	0.5016	0.5375	0.1000	21.4	20.0	7.2	25.0
Ethyl acetate	Ave	0.0355	0.0335*	0.1000	37.7	40.0	-5.7	25.0
Tetrahydrofuran	Ave	0.1884	0.1476	0.1000	15.7	20.0	-21.7	25.0
1,1,1-Trichloroethane	Ave	0.5200	0.5261	0.1000	20.2	20.0	1.2	25.0
1,1-Dichloropropene	Ave	0.4441	0.4350	0.1000	19.6	20.0	-2.0	25.0
2-Butanone (MEK)	Ave	0.0554	0.0557*	0.1000	20.1	20.0	0.6	25.0
n-Heptane	Ave	0.2133	0.2259	0.1000	21.2	20.0	5.9	25.0
Benzene	Ave	1.824	1.813	0.1000	19.9	20.0	-0.6	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCVIS 460-31311/2 Calibration Date: 03/05/2010 07:02

Instrument ID: VOAMS4 Calib Start Date: 02/02/2010 08:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/02/2010 11:16

Lab File ID: d16904.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	1.052	0.9796	0.1000	18.6	20.0	-6.9	25.0
1,2-Dichloroethane	Ave	0.4582	0.4907	0.1000	21.4	20.0	7.1	25.0
Isopropyl acetate	Ave	0.7183	0.6556	0.1000	36.5	40.0	-8.7	25.0
Methylcyclohexane	Ave	0.5432	0.5734	0.1000	21.1	20.0	5.6	25.0
Trichloroethene	Ave	0.3277	0.3365	0.1000	20.5	20.0	2.7	25.0
Dibromomethane	Ave	0.2145	0.2071	0.1000	19.3	20.0	-3.5	25.0
n-Butanol	Ave	0.0107	0.0081*	0.1000	1140	1500	-24.0	25.0
1,2-Dichloropropane	Ave	0.3695	0.3402	0.1000	18.4	20.0	-7.9	25.0
Ethyl acrylate	Ave	0.4163	0.3403	0.1000	16.3	20.0	-18.3	25.0
Dichlorobromomethane	Ave	0.4488	0.4486	0.1000	20.0	20.0	0.0	25.0
Methyl methacrylate	Ave	0.0842	0.0770*	0.1000	18.3	20.0	-8.6	25.0
1,4-Dioxane	Ave	0.0046	0.0038*	0.1000	2480	3000	-17.5	25.0
n-Propyl acetate	Ave	0.5169	0.4305	0.1000	33.3	40.0	-16.7	25.0
2-Chloroethyl vinyl ether	Ave	0.2062	0.1724	0.1000	16.7	20.0	-16.4	25.0
cis-1,3-Dichloropropene	Ave	0.6801	0.6485	0.1000	19.1	20.0	-4.6	25.0
Toluene	Ave	1.931	1.806	0.1000	18.7	20.0	-6.5	25.0
Epichlorohydrin	Ave	0.0485	0.0447*	0.1000	369	400	-7.7	25.0
Tetrachloroethene	Ave	0.4447	0.4497	0.1000	20.2	20.0	1.1	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5261	0.4386	0.1000	16.7	20.0	-16.6	25.0
trans-1,3-Dichloropropene	Ave	0.6129	0.5821	0.1000	19.0	20.0	-5.0	25.0
1,1,2-Trichloroethane	Ave	0.3277	0.3093	0.1000	18.9	20.0	-5.6	25.0
Chlorodibromomethane	Ave	0.4119	0.4033	0.1000	19.6	20.0	-2.1	25.0
1,3-Dichloropropane	Ave	0.6674	0.5993	0.1000	18.0	20.0	-10.2	25.0
1,2-Dibromoethane	Ave	0.3795	0.3431	0.1000	18.1	20.0	-9.6	25.0
n-Butyl acetate	Ave	0.1175	0.1003	0.1000	34.1	40.0	-14.6	25.0
2-Hexanone	Ave	0.3535	0.3280	0.1000	18.6	20.0	-7.2	25.0
Chlorobenzene	Ave	1.139	1.109	0.1000	19.5	20.0	-2.7	25.0
Ethylbenzene	Ave	0.6218	0.5839	0.1000	18.8	20.0	-6.1	25.0
1,1,1,2-Tetrachloroethane	Ave	0.4689	0.4822	0.1000	20.6	20.0	2.8	25.0
m-Xylene & p-Xylene	Ave	0.7712	0.7313	0.1000	37.9	40.0	-5.2	25.0
o-Xylene	Ave	0.7911	0.7150	0.1000	18.1	20.0	-9.6	25.0
Bromoform	Ave	0.2793	0.2822	0.1000	20.2	20.0	1.0	25.0
Styrene	Ave	1.215	1.123	0.1000	18.5	20.0	-7.6	25.0
n-Butyl acrylate	Ave	0.3274	0.2961	0.1000	18.1	20.0	-9.6	25.0
Isopropylbenzene	Ave	2.069	1.956	0.1000	18.9	20.0	-5.4	25.0
Camphene	Ave	0.6344	0.7296	0.1000	23.0	20.0	15.0	25.0
Amyl acetate (mixed isomers)	Ave	1.079	0.7680	0.1000	14.2	20.0	-28.8*	25.0
Bromobenzene	Ave	0.9710	0.8596	0.1000	17.7	20.0	-11.5	25.0
N-Propylbenzene	Ave	4.627	4.084	0.1000	17.7	20.0	-11.7	25.0
1,1,2,2-Tetrachloroethane	Ave	1.066	0.8702	0.1000	16.3	20.0	-18.3	25.0
2-Chlorotoluene	Ave	2.851	2.466	0.1000	17.3	20.0	-13.5	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCVIS 460-31311/2 Calibration Date: 03/05/2010 07:02

Instrument ID: VOAMS4 Calib Start Date: 02/02/2010 08:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/02/2010 11:16

Lab File ID: d16904.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichloropropane	Ave	0.3065	0.2694	0.1000	17.6	20.0	-12.1	25.0
1,3,5-Trimethylbenzene	Ave	3.403	2.931	0.1000	17.2	20.0	-13.9	25.0
trans-1,4-Dichloro-2-butene	Ave	0.2828	0.2753	0.1000	19.5	20.0	-2.7	25.0
4-Chlorotoluene	Ave	2.748	2.418	0.1000	17.6	20.0	-12.0	25.0
tert-Butylbenzene	Ave	2.763	2.318	0.1000	16.8	20.0	-16.1	25.0
Butyl Methacrylate	Ave	1.132	1.002	0.1000	17.7	20.0	-11.4	25.0
1,2,4-Trimethylbenzene	Ave	3.479	3.108	0.1000	17.9	20.0	-10.7	25.0
sec-Butylbenzene	Ave	4.314	3.741	0.1000	17.3	20.0	-13.3	25.0
4-Isopropyltoluene	Ave	3.595	3.179	0.1000	17.7	20.0	-11.6	25.0
1,3-Dichlorobenzene	Ave	1.844	1.705	0.1000	18.5	20.0	-7.6	25.0
1,4-Dichlorobenzene	Ave	1.864	1.720	0.1000	18.5	20.0	-7.7	25.0
2-Octanone	Ave	1.716	1.539	0.1000	17.9	20.0	-10.4	25.0
Benzyl chloride	Ave	5.226	5.089	0.1000	19.5	20.0	-2.6	25.0
n-Butylbenzene	Ave	5.226	5.089	0.1000	19.5	20.0	-2.6	25.0
1,2-Dichlorobenzene	Ave	1.879	1.715	0.1000	18.3	20.0	-8.7	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.1972	0.1611	0.1000	16.3	20.0	-18.3	25.0
Hexachlorobutadiene	Ave	0.6024	0.6619	0.1000	22.0	20.0	9.9	25.0
1,2,4-Trichlorobenzene	Ave	1.395	1.239	0.1000	17.8	20.0	-11.2	25.0
Naphthalene	Ave	3.262	2.796	0.1000	17.1	20.0	-14.3	25.0
1,2,3-Trichlorobenzene	Ave	1.306	1.168	0.1000	17.9	20.0	-10.6	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0434	0.0511*	0.1000	58.8	50.0	17.6	25.0
Toluene-d8 (Surr)	Ave	1.261	1.336	0.1000	53.0	50.0	5.9	25.0
4-Bromofluorobenzene	Ave	0.8212	0.8299	0.1000	50.5	50.0	1.1	25.0

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16904.d
Report Date: 05-Mar-2010 08:33

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16904.d
Lab Smp Id: CCVIS
Inj Date : 05-MAR-2010 07:02
Operator : Inst ID: VOAMS4.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.323	1.323	(0.277)	41472	20.0000	15
3 Chloromethane	50	1.406	1.406	(0.294)	120254	20.0000	22
4 Vinyl Chloride	62	1.482	1.482	(0.310)	87308	20.0000	17
6 Bromomethane	94	1.700	1.700	(0.356)	76971	20.0000	24
5 Chloroethane	64	1.776	1.776	(0.372)	61653	20.0000	21
7 Trichlorofluoromethane	101	1.823	1.823	(0.382)	99483	20.0000	19
8 n-Pentane	72	1.823	1.823	(0.382)	11345	20.0000	28
10 Isoprene	67	2.029	2.029	(0.425)	100723	20.0000	24
11 Ethyl Ether	59	2.041	2.041	(0.427)	65347	20.0000	24
13 Acrolein	56	2.423	2.423	(0.507)	28771	40.0000	40
15 1,1-Dichloroethene	96	2.176	2.176	(0.456)	52448	20.0000	21
14 Freon TF	101	2.247	2.247	(0.470)	48613	20.0000	21
16 Acetone	58	2.641	2.641	(0.553)	10987	20.0000	23
17 Iodomethane	142	2.276	2.276	(0.477)	117280	20.0000	22
18 Carbon Disulfide	76	2.194	2.194	(0.459)	232485	20.0000	21
19 Isopropanol	45	2.576	2.576	(0.539)	757870	3000.00	2500

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16904.d
Report Date: 05-Mar-2010 08:33

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	2.994	2.994	(0.627)	41861	400.000	310
	27 Methyl Acetate	74	2.729	2.729	(0.571)	17292	20.0000	20
	22 Methylene Chloride	84	2.594	2.594	(0.543)	72524	20.0000	19
	24 TBA	59	2.923	2.923	(0.612)	143883	400.000	310
	25 trans-1,2-Dichloroethene	96	2.711	2.711	(0.568)	72036	20.0000	22
	26 Acrylonitrile	53	3.241	3.241	(0.679)	30701	20.0000	21
	28 MTBE	73	2.823	2.823	(0.591)	192070	20.0000	18
	29 Hexane	56	2.770	2.770	(0.580)	61453	20.0000	25
	30 1,1-Dichloroethane	63	3.182	3.182	(0.666)	128268	20.0000	21
	32 DIPE	45	3.111	3.111	(0.651)	242537	20.0000	19
	35 t-Butyl-ethyl-ether	59	3.400	3.400	(0.712)	279103	20.0000	22
	37 2,2-Dichloropropane	77	3.717	3.717	(0.778)	80766	20.0000	19
	36 cis-1,2-Dichloroethene	96	3.623	3.623	(0.759)	74005	20.0000	20
	38 2-Butanone	72	4.152	4.152	(0.869)	10772	20.0000	20
	39 Ethyl Acetate	70	3.988	3.988	(0.835)	12951	40.0000	38
	40 Bromochloromethane	128	3.788	3.788	(0.793)	36486	20.0000	20
	41 Tetrahydrofuran	42	3.994	3.994	(0.836)	28537	20.0000	16
	42 Chloroform	83	3.864	3.864	(0.809)	127182	20.0000	22
	43 1,1,1-Trichloroethane	97	4.035	4.035	(0.845)	101715	20.0000	20
	44 Cyclohexane	56	3.788	3.788	(0.793)	95951	20.0000	18
	45 Carbon Tetrachloride	117	3.982	3.982	(0.834)	103923	20.0000	21
	46 1,1-Dichloropropene	75	4.141	4.141	(0.867)	84106	20.0000	20
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.505	4.505	(0.943)	24689	50.0000	59
	48 Benzene	78	4.370	4.370	(0.537)	258465	20.0000	20
	49 1,2-Dichloroethane	62	4.570	4.570	(0.957)	94881	20.0000	21
	51 n-Heptane	57	4.352	4.352	(0.911)	43682	20.0000	21
	50 t-Amyl-methyl-ether	73	4.511	4.511	(0.945)	189403	20.0000	19
	61 Isopropyl Acetate	43	4.864	4.864	(1.018)	253491	40.0000	36
*	52 Fluorobenzene	96	4.776	4.776	(1.000)	483359	50.0000	
	54 Trichloroethene	95	4.941	4.941	(1.034)	65058	20.0000	20
	53 n-Butanol	56	5.376	5.376	(1.126)	117414	1500.00	1100
	56 Methyl cyclohexane	83	4.929	4.929	(1.032)	110863	20.0000	21
	55 Ethyl Acrylate	55	5.564	5.564	(1.165)	65799	20.0000	16
	57 1,2-Dichloropropane	63	5.488	5.488	(1.149)	65781	20.0000	18
	58 Dibromomethane	93	5.370	5.370	(1.124)	40031	20.0000	19
	60 1,4-Dioxane	88	5.805	5.805	(1.216)	109360	3000.00	2500
	59 Methyl Methacrylate	100	5.794	5.794	(1.213)	14883	20.0000	18
	75 Propyl Acetate	43	5.970	5.970	(1.250)	166470	40.0000	33
	68 Bromodichloromethane	83	5.576	5.576	(1.167)	86738	20.0000	20
	62 2-Chloroethyl Vinyl Ether	63	6.264	6.264	(1.312)	33324	20.0000	17
	63 Epichlorohydrin	57	6.617	6.617	(0.813)	127560	400.000	370
	67 cis-1,3-Dichloropropene	75	6.299	6.299	(0.774)	92460	20.0000	19
	70 4-Methyl-2-Pentanone	43	7.070	7.070	(0.868)	62541	20.0000	17
$	65 Toluene-d8 (SUR)	98	6.517	6.517	(0.801)	476118	50.0000	53
	66 Toluene	91	6.582	6.582	(0.809)	257451	20.0000	19
	64 trans-1,3-Dichloropropene	75	7.093	7.093	(0.871)	82994	20.0000	19
	69 1,1,2-Trichloroethane	83	7.252	7.252	(0.891)	44097	20.0000	19

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16904.d
Report Date: 05-Mar-2010 08:33

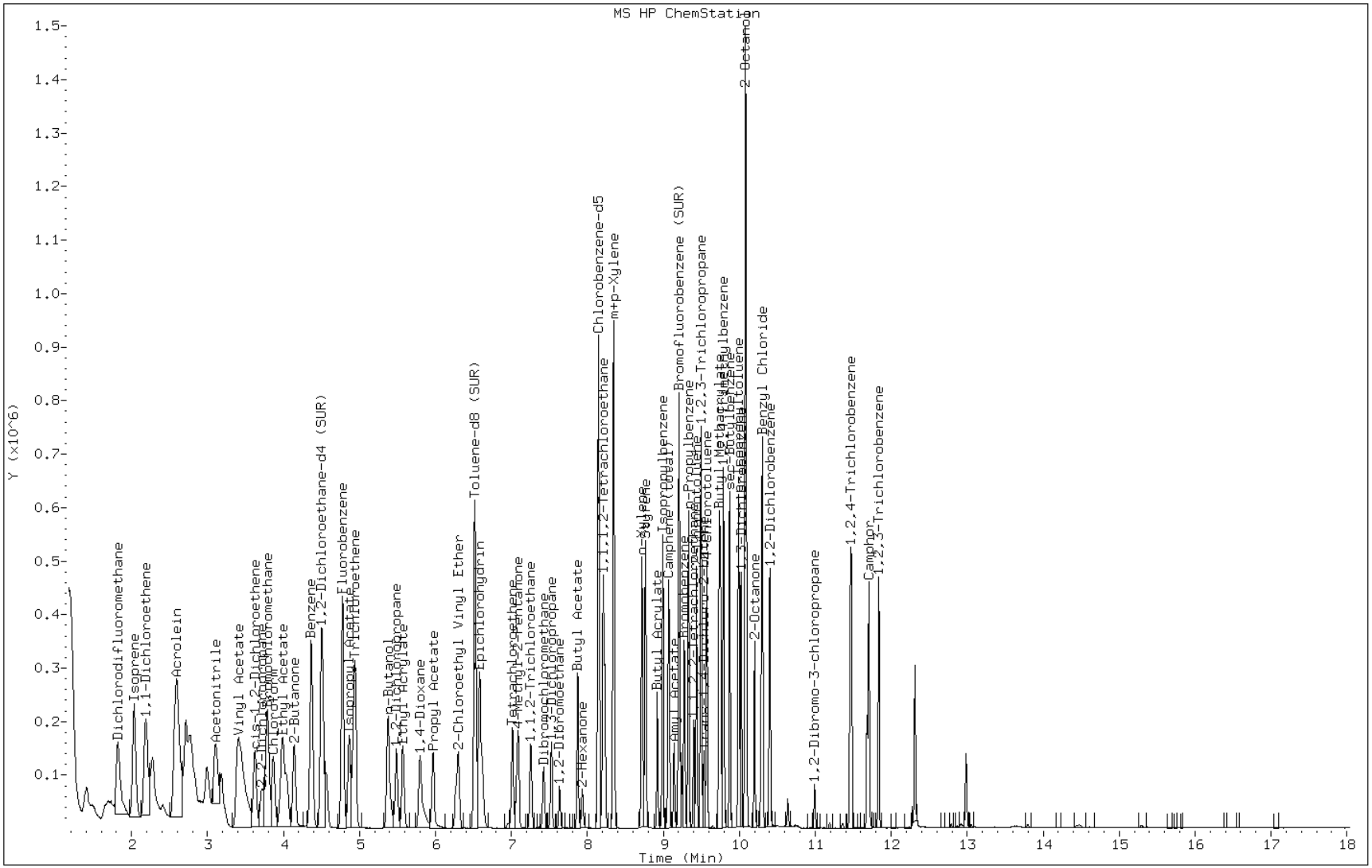
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	7.017	7.017	(0.862)	64113	20.0000	20
	72 1,3-Dichloropropane	76	7.523	7.523	(0.924)	85450	20.0000	18
	73 2-Hexanone	43	7.935	7.935	(0.975)	46771	20.0000	18
	74 Dibromochloromethane	129	7.423	7.423	(0.912)	57501	20.0000	20
	76 Butyl Acetate	73	7.870	7.870	(0.967)	28604	40.0000	34
	77 1,2-Dibromoethane	107	7.635	7.635	(0.938)	48912	20.0000	18
*	78 Chlorobenzene-d5	117	8.140	8.140	(1.000)	356446	50.0000	
	79 Chlorobenzene	112	8.158	8.158	(1.002)	158071	20.0000	19
	80 1,1,1,2-Tetrachloroethane	131	8.235	8.235	(1.012)	68752	20.0000	20
	81 Ethylbenzene	106	8.205	8.205	(1.008)	83256	20.0000	19
	82 m+p-Xylene	106	8.346	8.346	(1.025)	208536	40.0000	38
	84 o-Xylene	106	8.717	8.717	(1.071)	101948	20.0000	18
	85 Styrene	104	8.764	8.764	(1.077)	160113	20.0000	18
	83 Butyl Acrylate	73	8.923	8.923	(1.096)	42214	20.0000	18
	86 Bromoform	173	8.764	8.764	(1.077)	40228	20.0000	20
	87 Amyl Acetate	43	9.140	9.140	(0.907)	64126	20.0000	14
	88 Isopropylbenzene	105	8.993	8.993	(1.105)	278950	20.0000	19
$	89 Bromofluorobenzene (SUR)	174	9.205	9.205	(0.913)	173245	50.0000	50
	90 Camphene (total)	93	9.070	9.070	(1.114)	104018	20.0000	23
	91 Bromobenzene	156	9.276	9.276	(0.920)	71771	20.0000	18
	92 1,1,2,2-Tetrachloroethane	83	9.399	9.399	(0.932)	72659	20.0000	16
	93 1,2,3-Trichloropropane	110	9.487	9.487	(0.941)	22493	20.0000	18
	94 trans-1,4-Dichloro-2-butene	53	9.534	9.534	(0.946)	22983	20.0000	19
	95 n-Propylbenzene	91	9.329	9.329	(0.925)	341031	20.0000	18
	96 2-Chlorotoluene	91	9.435	9.435	(0.936)	205887	20.0000	17
	97 1,3,5-Trimethylbenzene	105	9.499	9.499	(0.942)	244741	20.0000	17
	98 4-Chlorotoluene	91	9.570	9.570	(0.949)	201891	20.0000	18
	99 Butyl Methacrylate	87	9.752	9.752	(0.967)	83690	20.0000	18
	100 tert-Butylbenzene	119	9.734	9.734	(0.966)	193538	20.0000	17
	101 1,2,4-Trimethylbenzene	105	9.793	9.793	(0.971)	259493	20.0000	18
	102 2-Octanone	43	10.199	10.199	(1.012)	128477	20.0000	18
	103 sec-Butylbenzene	105	9.876	9.876	(0.980)	312354	20.0000	17
	105 1,3-Dichlorobenzene	146	10.023	10.023	(0.994)	142339	20.0000	18
	107 p-Isopropyltoluene	119	9.993	9.993	(0.991)	265460	20.0000	18
*	108 1,4-Dichlorobenzene-d4	152	10.082	10.082	(1.000)	208745	50.0000	
	109 1,4-Dichlorobenzene	146	10.093	10.093	(1.001)	143654	20.0000	18
	110 Benzyl Chloride	91	10.305	10.305	(1.022)	424913	20.0000	19
	106 n-Butylbenzene	91	10.305	10.305	(1.022)	424913	20.0000	19
	111 1,2-Dichlorobenzene	146	10.405	10.405	(1.032)	143233	20.0000	18
	112 1,2-Dibromo-3-chloropropane	75	10.993	10.993	(1.090)	13454	20.0000	16
	113 Camphor	95	11.681	11.681	(1.159)	34997	100.000	50
	114 1,2,4-Trichlorobenzene	180	11.476	11.476	(1.138)	103417	20.0000	18
	115 Hexachlorobutadiene	225	11.458	11.458	(1.137)	55264	20.0000	22
	116 Naphthalene	128	11.705	11.705	(1.161)	233424	20.0000	17
	117 1,2,3-Trichlorobenzene	180	11.834	11.834	(1.174)	97535	20.0000	18
M	120 1,2-Dichloroethene (Total)	100				146042	40.0000	42
M	121 Xylene (Total)	100				310485	60.0000	56

Data File: d16904.d

Date: 05-MAR-2010 07:02

Client ID: Instrument: VOAMS4.i

Sample Info: CCVIS Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCV 460-31311/17 Calibration Date: 03/05/2010 18:51

Instrument ID: VOAMS4 Calib Start Date: 02/02/2010 08:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/02/2010 11:16

Lab File ID: d16932.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2792	0.2396	0.1000	17.2	20.0	-14.2	25.0
Chloromethane	Ave	0.5663	0.5968	0.1000	21.1	20.0	5.4	25.0
Vinyl chloride	Ave	0.5188	0.5761	0.1000	22.2	20.0	11.0	25.0
Bromomethane	Ave	0.3282	0.3371	0.1000	20.5	20.0	2.7	25.0
Chloroethane	Ave	0.2975	0.3348	0.1000	22.5	20.0	12.5	25.0
Pentane	Ave	0.0423	0.0470*	0.1000	22.2	20.0	11.0	25.0
Trichlorofluoromethane	Ave	0.5384	0.5038	0.1000	18.7	20.0	-6.4	25.0
2-Methyl-1,3-butadiene	Ave	0.4338	0.4207	0.1000	19.4	20.0	-3.0	25.0
Ethyl ether	Ave	0.2821	0.3226	0.1000	22.9	20.0	14.4	25.0
1,1-Dichloroethene	Ave	0.2626	0.2390	0.1000	18.2	20.0	-9.0	25.0
Carbon disulfide	Ave	1.132	1.007	0.1000	17.8	20.0	-11.0	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2409	0.2572	0.1000	21.3	20.0	6.7	25.0
Iodomethane	Ave	0.5464	0.5331	0.1000	19.5	20.0	-2.4	25.0
Acrolein	Ave	0.0741	0.0594*	0.1000	32.1	40.0	-19.9	25.0
Isopropyl alcohol	Ave	0.0310	0.0285*	0.1000	2750	3000	-8.3	25.0
Methylene Chloride	Ave	0.3956	0.3334	0.1000	16.9	20.0	-15.7	25.0
Acetone	Ave	0.0484	0.0442*	0.1000	18.2	20.0	-8.8	25.0
trans-1,2-Dichloroethene	Ave	0.3427	0.3539	0.1000	20.7	20.0	3.3	25.0
Methyl acetate	Ave	0.0870	0.0995*	0.1000	22.9	20.0	14.3	25.0
Hexane	Ave	0.2565	0.2449	0.1000	19.1	20.0	-4.5	25.0
Methyl tert-butyl ether	Ave	1.110	0.8431	0.1000	15.2	20.0	-24.0	25.0
2-Methyl-2-propanol	Ave	0.0477	0.0384*	0.1000	322	400	-19.5	25.0
Acetonitrile	Ave	0.0138	0.0127*	0.1000	368	400	-7.9	25.0
Isopropyl ether	Ave	1.332	1.182	0.1000	17.7	20.0	-11.3	25.0
1,1-Dichloroethane	Ave	0.6342	0.6496	0.1000	20.5	20.0	2.4	25.0
Acrylonitrile	Ave	0.1520	0.1440	0.1000	19.0	20.0	-5.2	25.0
Tert-butyl ethyl ether	Ave	1.279	1.388	0.1000	21.7	20.0	8.5	25.0
cis-1,2-Dichloroethene	Ave	0.3730	0.3764	0.1000	20.2	20.0	0.9	25.0
2,2-Dichloropropane	Ave	0.4299	0.3736	0.1000	17.4	20.0	-13.1	25.0
Chlorobromomethane	Ave	0.1842	0.1824	0.1000	19.8	20.0	-1.0	25.0
Cyclohexane	Ave	0.5670	0.4120	0.1000	14.5	20.0	-27.3*	25.0
Chloroform	Ave	0.6107	0.6326	0.1000	20.7	20.0	3.6	25.0
Carbon tetrachloride	Ave	0.5016	0.4623	0.1000	18.4	20.0	-7.8	25.0
Ethyl acetate	Ave	0.0355	0.0348*	0.1000	39.2	40.0	-1.9	25.0
Tetrahydrofuran	Ave	0.1884	0.1688	0.1000	17.9	20.0	-10.4	25.0
1,1,1-Trichloroethane	Ave	0.5200	0.5105	0.1000	19.6	20.0	-1.8	25.0
1,1-Dichloropropene	Ave	0.4441	0.4307	0.1000	19.4	20.0	-3.0	25.0
2-Butanone (MEK)	Ave	0.0554	0.0617*	0.1000	22.3	20.0	11.4	25.0
n-Heptane	Ave	0.2133	0.1754	0.1000	16.4	20.0	-17.8	25.0
Benzene	Ave	1.824	1.831	0.1000	20.1	20.0	0.4	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCV 460-31311/17 Calibration Date: 03/05/2010 18:51

Instrument ID: VOAMS4 Calib Start Date: 02/02/2010 08:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/02/2010 11:16

Lab File ID: d16932.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	1.052	0.9127	0.1000	17.4	20.0	-13.2	25.0
1,2-Dichloroethane	Ave	0.4582	0.4854	0.1000	21.2	20.0	5.9	25.0
Isopropyl acetate	Ave	0.7183	0.6788	0.1000	37.8	40.0	-5.5	25.0
Methylcyclohexane	Ave	0.5432	0.4444	0.1000	16.4	20.0	-18.2	25.0
Trichloroethene	Ave	0.3277	0.3346	0.1000	20.4	20.0	2.1	25.0
Dibromomethane	Ave	0.2145	0.2103	0.1000	19.6	20.0	-2.0	25.0
n-Butanol	Ave	0.0107	0.0092*	0.1000	1300	1500	-13.3	25.0
1,2-Dichloropropane	Ave	0.3695	0.3375	0.1000	18.3	20.0	-8.6	25.0
Ethyl acrylate	Ave	0.4163	0.3618	0.1000	17.4	20.0	-13.1	25.0
Dichlorobromomethane	Ave	0.4488	0.4432	0.1000	19.8	20.0	-1.2	25.0
Methyl methacrylate	Ave	0.0842	0.0736*	0.1000	17.5	20.0	-12.7	25.0
1,4-Dioxane	Ave	0.0046	0.0039*	0.1000	2570	3000	-14.4	25.0
n-Propyl acetate	Ave	0.5169	0.4613	0.1000	35.7	40.0	-10.8	25.0
2-Chloroethyl vinyl ether	Ave	0.2062	0.1857	0.1000	18.0	20.0	-9.9	25.0
cis-1,3-Dichloropropene	Ave	0.6801	0.6512	0.1000	19.2	20.0	-4.2	25.0
Toluene	Ave	1.931	1.852	0.1000	19.2	20.0	-4.1	25.0
Epichlorohydrin	Ave	0.0485	0.0473*	0.1000	390	400	-2.4	25.0
Tetrachloroethene	Ave	0.4447	0.4471	0.1000	20.1	20.0	0.5	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5261	0.4786	0.1000	18.2	20.0	-9.0	25.0
trans-1,3-Dichloropropene	Ave	0.6129	0.5725	0.1000	18.7	20.0	-6.6	25.0
1,1,2-Trichloroethane	Ave	0.3277	0.3110	0.1000	19.0	20.0	-5.1	25.0
Chlorodibromomethane	Ave	0.4119	0.4163	0.1000	20.2	20.0	1.1	25.0
1,3-Dichloropropane	Ave	0.6674	0.6133	0.1000	18.4	20.0	-8.1	25.0
1,2-Dibromoethane	Ave	0.3795	0.3597	0.1000	19.0	20.0	-5.2	25.0
n-Butyl acetate	Ave	0.1175	0.1057	0.1000	36.0	40.0	-10.1	25.0
2-Hexanone	Ave	0.3535	0.3688	0.1000	20.9	20.0	4.3	25.0
Chlorobenzene	Ave	1.139	1.106	0.1000	19.4	20.0	-3.0	25.0
Ethylbenzene	Ave	0.6218	0.5954	0.1000	19.2	20.0	-4.2	25.0
1,1,1,2-Tetrachloroethane	Ave	0.4689	0.4703	0.1000	20.1	20.0	0.3	25.0
m-Xylene & p-Xylene	Ave	0.7712	0.7365	0.1000	38.2	40.0	-4.5	25.0
o-Xylene	Ave	0.7911	0.7426	0.1000	18.8	20.0	-6.1	25.0
Bromoform	Ave	0.2793	0.2867	0.1000	20.5	20.0	2.6	25.0
Styrene	Ave	1.215	1.133	0.1000	18.6	20.0	-6.8	25.0
n-Butyl acrylate	Ave	0.3274	0.3001	0.1000	18.3	20.0	-8.3	25.0
Isopropylbenzene	Ave	2.069	2.014	0.1000	19.5	20.0	-2.6	25.0
Camphene	Ave	0.6344	0.6129	0.1000	19.3	20.0	-3.4	25.0
Amyl acetate (mixed isomers)	Ave	1.079	0.7820	0.1000	14.5	20.0	-27.5*	25.0
Bromobenzene	Ave	0.9710	0.8697	0.1000	17.9	20.0	-10.4	25.0
N-Propylbenzene	Ave	4.627	4.291	0.1000	18.5	20.0	-7.3	25.0
1,1,2,2-Tetrachloroethane	Ave	1.066	0.9139	0.1000	17.2	20.0	-14.2	25.0
2-Chlorotoluene	Ave	2.851	2.515	0.1000	17.6	20.0	-11.8	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCV 460-31311/17 Calibration Date: 03/05/2010 18:51

Instrument ID: VOAMS4 Calib Start Date: 02/02/2010 08:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/02/2010 11:16

Lab File ID: d16932.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichloropropane	Ave	0.3065	0.2900	0.1000	18.9	20.0	-5.4	25.0
1,3,5-Trimethylbenzene	Ave	3.403	3.025	0.1000	17.8	20.0	-11.1	25.0
trans-1,4-Dichloro-2-butene	Ave	0.2828	0.2549	0.1000	18.0	20.0	-9.9	25.0
4-Chlorotoluene	Ave	2.748	2.502	0.1000	18.2	20.0	-9.0	25.0
tert-Butylbenzene	Ave	2.763	2.440	0.1000	17.7	20.0	-11.7	25.0
Butyl Methacrylate	Ave	1.132	1.006	0.1000	17.8	20.0	-11.1	25.0
1,2,4-Trimethylbenzene	Ave	3.479	3.218	0.1000	18.5	20.0	-7.5	25.0
sec-Butylbenzene	Ave	4.314	3.861	0.1000	17.9	20.0	-10.5	25.0
4-Isopropyltoluene	Ave	3.595	3.258	0.1000	18.1	20.0	-9.4	25.0
1,3-Dichlorobenzene	Ave	1.844	1.698	0.1000	18.4	20.0	-7.9	25.0
1,4-Dichlorobenzene	Ave	1.864	1.724	0.1000	18.5	20.0	-7.5	25.0
2-Octanone	Ave	1.716	1.629	0.1000	19.0	20.0	-5.1	25.0
Benzyl chloride	Ave	5.226	4.726	0.1000	18.1	20.0	-9.6	25.0
n-Butylbenzene	Ave	5.226	4.726	0.1000	18.1	20.0	-9.6	25.0
1,2-Dichlorobenzene	Ave	1.879	1.733	0.1000	18.4	20.0	-7.8	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.1972	0.1893	0.1000	19.2	20.0	-4.0	25.0
Hexachlorobutadiene	Ave	0.6024	0.5230	0.1000	17.4	20.0	-13.2	25.0
1,2,4-Trichlorobenzene	Ave	1.395	1.258	0.1000	18.0	20.0	-9.8	25.0
Naphthalene	Ave	3.262	3.166	0.1000	19.4	20.0	-3.0	25.0
1,2,3-Trichlorobenzene	Ave	1.306	1.236	0.1000	18.9	20.0	-5.4	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0434	0.0429*	0.1000	49.4	50.0	-1.2	25.0
Toluene-d8 (Surr)	Ave	1.261	1.234	0.1000	49.0	50.0	-2.1	25.0
4-Bromofluorobenzene	Ave	0.8212	0.7630	0.1000	46.5	50.0	-7.1	25.0

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16932.d
Report Date: 05-Mar-2010 20:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16932.d
Lab Smp Id: CCV
Inj Date : 05-MAR-2010 18:51
Operator : Inst ID: VOAMS4.i
Smp Info : CCV
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 20:36 eddie Quant Type: ISTD
Cal Date : 05-MAR-2010 18:51 Cal File: d16932.d
Als bottle: 29 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.311	1.311	(0.275)	52796	20.0000	17
3 Chloromethane	50	1.400	1.400	(0.293)	131497	20.0000	21
4 Vinyl Chloride	62	1.488	1.488	(0.312)	126927	20.0000	22
6 Bromomethane	94	1.688	1.688	(0.353)	74265	20.0000	20
5 Chloroethane	64	1.776	1.776	(0.372)	73759	20.0000	22
7 Trichlorofluoromethane	101	1.817	1.817	(0.380)	111001	20.0000	19
8 n-Pentane	72	1.817	1.817	(0.380)	10350	20.0000	22
10 Isoprene	67	2.029	2.029	(0.425)	92696	20.0000	19
11 Ethyl Ether	59	2.047	2.047	(0.429)	71071	20.0000	23
13 Acrolein	56	2.423	2.423	(0.507)	26173	40.0000	32
15 1,1-Dichloroethene	96	2.176	2.176	(0.456)	52668	20.0000	18
14 Freon TF	101	2.235	2.235	(0.468)	56659	20.0000	21
16 Acetone	58	2.641	2.641	(0.553)	9729	20.0000	18
17 Iodomethane	142	2.276	2.276	(0.477)	117465	20.0000	20
18 Carbon Disulfide	76	2.194	2.194	(0.459)	221919	20.0000	18
19 Isopropanol	45	2.588	2.588	(0.542)	940425	3000.00	2800

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16932.d
Report Date: 05-Mar-2010 20:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	2.994	2.994	(0.627)	55945	400.000	370
	27 Methyl Acetate	74	2.735	2.735	(0.573)	21923	20.0000	23
	22 Methylene Chloride	84	2.600	2.600	(0.544)	73454	20.0000	17
	24 TBA	59	2.941	2.941	(0.616)	169224	400.000	320
	25 trans-1,2-Dichloroethene	96	2.711	2.711	(0.568)	77980	20.0000	21
	26 Acrylonitrile	53	3.241	3.241	(0.679)	31735	20.0000	19
	28 MTBE	73	2.835	2.835	(0.594)	185750	20.0000	15
	29 Hexane	56	2.764	2.764	(0.579)	53967	20.0000	19
	30 1,1-Dichloroethane	63	3.182	3.182	(0.666)	143126	20.0000	20
	32 DIPE	45	3.117	3.117	(0.653)	260481	20.0000	18
	35 t-Butyl-ethyl-ether	59	3.394	3.394	(0.711)	305794	20.0000	22
	37 2,2-Dichloropropane	77	3.717	3.717	(0.778)	82318	20.0000	17
	36 cis-1,2-Dichloroethene	96	3.623	3.623	(0.759)	82935	20.0000	20
	38 2-Butanone	72	4.152	4.152	(0.869)	13591	20.0000	22
	39 Ethyl Acetate	70	3.988	3.988	(0.835)	15351	40.0000	39
	40 Bromochloromethane	128	3.794	3.794	(0.794)	40179	20.0000	20
	41 Tetrahydrofuran	42	3.994	3.994	(0.836)	37184	20.0000	18
	42 Chloroform	83	3.870	3.870	(0.810)	139381	20.0000	21
	43 1,1,1-Trichloroethane	97	4.041	4.041	(0.846)	112476	20.0000	20
	44 Cyclohexane	56	3.794	3.794	(0.794)	90783	20.0000	14
	45 Carbon Tetrachloride	117	3.976	3.976	(0.832)	101865	20.0000	18
	46 1,1-Dichloropropene	75	4.141	4.141	(0.867)	94897	20.0000	19
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.500	4.500	(0.942)	23635	50.0000	49
	48 Benzene	78	4.370	4.370	(0.537)	291291	20.0000	20
	49 1,2-Dichloroethane	62	4.564	4.564	(0.956)	106940	20.0000	21
	51 n-Heptane	57	4.358	4.358	(0.913)	38641	20.0000	16
	50 t-Amyl-methyl-ether	73	4.505	4.505	(0.943)	201100	20.0000	17
	61 Isopropyl Acetate	43	4.864	4.864	(1.018)	299120	40.0000	38
*	52 Fluorobenzene	96	4.776	4.776	(1.000)	550828	50.0000	
	54 Trichloroethene	95	4.941	4.941	(1.034)	73712	20.0000	20
	53 n-Butanol	56	5.376	5.376	(1.126)	152656	1500.00	1300
	56 Methyl cyclohexane	83	4.923	4.923	(1.031)	97918	20.0000	16
	55 Ethyl Acrylate	55	5.564	5.564	(1.165)	79713	20.0000	17
	57 1,2-Dichloropropane	63	5.488	5.488	(1.149)	74367	20.0000	18
	58 Dibromomethane	93	5.376	5.376	(1.126)	46338	20.0000	20
	60 1,4-Dioxane	88	5.805	5.805	(1.216)	129287	3000.00	2600
	59 Methyl Methacrylate	100	5.788	5.788	(1.212)	16206	20.0000	17
	75 Propyl Acetate	43	5.964	5.964	(1.249)	203255	40.0000	36
	68 Bromodichloromethane	83	5.570	5.570	(1.166)	97652	20.0000	20
	62 2-Chloroethyl Vinyl Ether	63	6.264	6.264	(1.312)	40922	20.0000	18
	63 Epichlorohydrin	57	6.611	6.611	(0.812)	150518	400.000	390
	67 cis-1,3-Dichloropropene	75	6.299	6.299	(0.774)	103591	20.0000	19
	70 4-Methyl-2-Pentanone	43	7.070	7.070	(0.868)	76129	20.0000	18
$	65 Toluene-d8 (SUR)	98	6.517	6.517	(0.801)	490892	50.0000	49
	66 Toluene	91	6.576	6.576	(0.808)	294588	20.0000	19
	64 trans-1,3-Dichloropropene	75	7.088	7.088	(0.871)	91069	20.0000	19
	69 1,1,2-Trichloroethane	83	7.252	7.252	(0.891)	49471	20.0000	19

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16932.d
Report Date: 05-Mar-2010 20:36

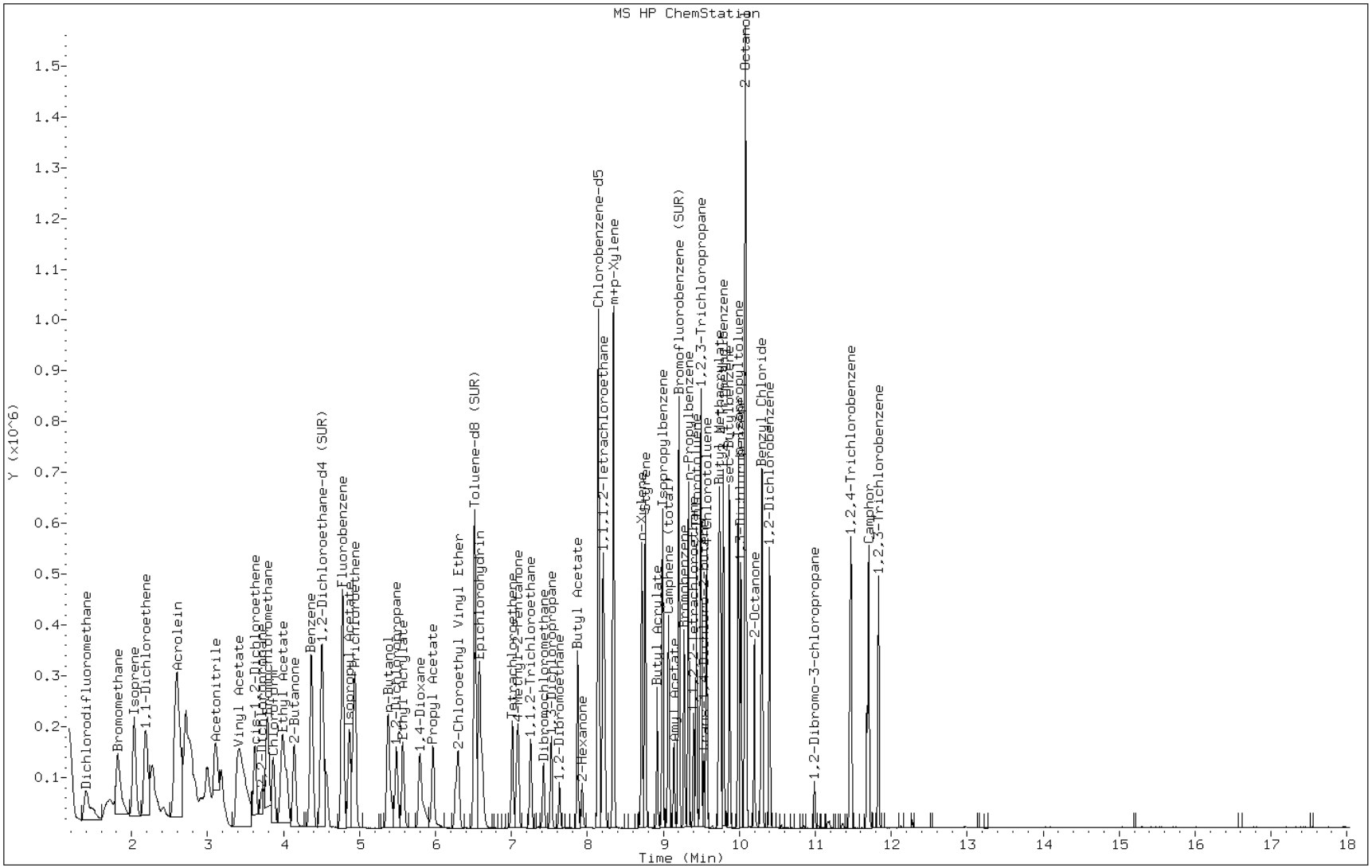
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	7.011	7.011	(0.861)	71115	20.0000	20
	72 1,3-Dichloropropane	76	7.523	7.523	(0.924)	97561	20.0000	18
	73 2-Hexanone	43	7.929	7.929	(0.974)	58672	20.0000	21
	74 Dibromochloromethane	129	7.423	7.423	(0.912)	66217	20.0000	20
	76 Butyl Acetate	73	7.870	7.870	(0.967)	33616	40.0000	36
	77 1,2-Dibromoethane	107	7.635	7.635	(0.938)	57215	20.0000	19
*	78 Chlorobenzene-d5	117	8.140	8.140	(1.000)	397687	50.0000	
	79 Chlorobenzene	112	8.152	8.152	(1.001)	175872	20.0000	19
	80 1,1,1,2-Tetrachloroethane	131	8.229	8.229	(1.011)	74806	20.0000	20
	81 Ethylbenzene	106	8.205	8.205	(1.008)	94714	20.0000	19
	82 m+p-Xylene	106	8.346	8.346	(1.025)	234305	40.0000	38
	84 o-Xylene	106	8.717	8.717	(1.071)	118124	20.0000	19
	85 Styrene	104	8.764	8.764	(1.077)	180222	20.0000	19
	83 Butyl Acrylate	73	8.917	8.917	(1.095)	47739	20.0000	18
	86 Bromoform	173	8.764	8.764	(1.077)	45599	20.0000	20
	87 Amyl Acetate	43	9.140	9.140	(0.907)	70657	20.0000	14
	88 Isopropylbenzene	105	8.987	8.987	(1.104)	320362	20.0000	19
$	89 Bromofluorobenzene (SUR)	174	9.205	9.205	(0.914)	172370	50.0000	46
	90 Camphene (total)	93	9.064	9.064	(1.113)	97502	20.0000	19
	91 Bromobenzene	156	9.276	9.276	(0.921)	78588	20.0000	18
	92 1,1,2,2-Tetrachloroethane	83	9.399	9.399	(0.933)	82580	20.0000	17
	93 1,2,3-Trichloropropane	110	9.487	9.487	(0.942)	26207	20.0000	19
	94 trans-1,4-Dichloro-2-butene	53	9.534	9.534	(0.946)	23031	20.0000	18
	95 n-Propylbenzene	91	9.329	9.329	(0.926)	387745	20.0000	18
	96 2-Chlorotoluene	91	9.434	9.434	(0.936)	227247	20.0000	18
	97 1,3,5-Trimethylbenzene	105	9.493	9.493	(0.942)	273378	20.0000	18
	98 4-Chlorotoluene	91	9.570	9.570	(0.950)	226071	20.0000	18
	99 Butyl Methacrylate	87	9.752	9.752	(0.968)	90894	20.0000	18
	100 tert-Butylbenzene	119	9.734	9.734	(0.966)	220485	20.0000	18
	101 1,2,4-Trimethylbenzene	105	9.793	9.793	(0.972)	290769	20.0000	18
	102 2-Octanone	43	10.199	10.199	(1.012)	147191	20.0000	19
	103 sec-Butylbenzene	105	9.870	9.870	(0.980)	348910	20.0000	18
	105 1,3-Dichlorobenzene	146	10.017	10.017	(0.994)	153474	20.0000	18
	107 p-Isopropyltoluene	119	9.987	9.987	(0.991)	294370	20.0000	18
*	108 1,4-Dichlorobenzene-d4	152	10.076	10.076	(1.000)	225898	50.0000	
	109 1,4-Dichlorobenzene	146	10.087	10.087	(1.001)	155745	20.0000	18
	110 Benzyl Chloride	91	10.299	10.299	(1.022)	427014	20.0000	18
	106 n-Butylbenzene	91	10.299	10.299	(1.022)	427014	20.0000	18
	111 1,2-Dichlorobenzene	146	10.399	10.399	(1.032)	156570	20.0000	18
	112 1,2-Dibromo-3-chloropropane	75	10.993	10.993	(1.091)	17106	20.0000	19
	113 Camphor	95	11.681	11.681	(1.159)	43146	100.000	56
	114 1,2,4-Trichlorobenzene	180	11.470	11.470	(1.138)	113656	20.0000	18
	115 Hexachlorobutadiene	225	11.458	11.458	(1.137)	47261	20.0000	17
	116 Naphthalene	128	11.705	11.705	(1.162)	286078	20.0000	19
	117 1,2,3-Trichlorobenzene	180	11.834	11.834	(1.175)	111649	20.0000	19
M	120 1,2-Dichloroethene (Total)	100				160915	40.0000	41
M	121 Xylene (Total)	100				352429	60.0000	57

Data File: d16932.d

Date: 05-MAR-2010 18:51

Client ID: Instrument: VOAMS4.i

Sample Info: CCV Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCVIS 460-31440/1 Calibration Date: 03/08/2010 08:03

Instrument ID: VOAMS4 Calib Start Date: 02/02/2010 08:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/02/2010 11:16

Lab File ID: d16997.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2792	0.2461	0.1000	17.6	20.0	-11.9	25.0
Chloromethane	Ave	0.5663	0.6392	0.1000	22.6	20.0	12.9	25.0
Vinyl chloride	Ave	0.5188	0.4695	0.1000	18.1	20.0	-9.5	25.0
Bromomethane	Ave	0.3282	0.3600	0.1000	21.9	20.0	9.7	25.0
Chloroethane	Ave	0.2975	0.3047	0.1000	20.5	20.0	2.4	25.0
Pentane	Ave	0.0423	0.0582*	0.1000	27.5	20.0	37.4*	25.0
Trichlorofluoromethane	Ave	0.5384	0.6010	0.1000	22.3	20.0	11.6	25.0
2-Methyl-1,3-butadiene	Ave	0.4338	0.5048	0.1000	23.3	20.0	16.4	25.0
Ethyl ether	Ave	0.2821	0.3140	0.1000	22.3	20.0	11.3	25.0
1,1-Dichloroethene	Ave	0.2626	0.2475	0.1000	18.9	20.0	-5.7	25.0
Carbon disulfide	Ave	1.132	1.079	0.1000	19.1	20.0	-4.7	25.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2409	0.1974	0.1000	16.4	20.0	-18.1	25.0
Iodomethane	Ave	0.5464	0.5268	0.1000	19.3	20.0	-3.6	25.0
Acrolein	Ave	0.0741	0.0696*	0.1000	37.6	40.0	-6.1	25.0
Isopropyl alcohol	Ave	0.0310	0.0264*	0.1000	2550	3000	-15.1	25.0
Methylene Chloride	Ave	0.3956	0.3544	0.1000	17.9	20.0	-10.4	25.0
Acetone	Ave	0.0484	0.0483*	0.1000	20.0	20.0	-0.2	25.0
trans-1,2-Dichloroethene	Ave	0.3427	0.3650	0.1000	21.3	20.0	6.5	25.0
Methyl acetate	Ave	0.0870	0.0821*	0.1000	18.9	20.0	-5.7	25.0
Hexane	Ave	0.2565	0.2795	0.1000	21.8	20.0	9.0	25.0
Methyl tert-butyl ether	Ave	1.110	0.8634	0.1000	15.6	20.0	-22.2	25.0
Acetonitrile	Ave	0.0138	0.0115*	0.1000	335	400	-16.4	25.0
Isopropyl ether	Ave	1.332	1.160	0.1000	17.4	20.0	-12.9	25.0
1,1-Dichloroethane	Ave	0.6342	0.6568	0.1000	20.7	20.0	3.6	25.0
Acrylonitrile	Ave	0.1520	0.1666	0.1000	21.9	20.0	9.6	25.0
Tert-butyl ethyl ether	Ave	1.279	1.336	0.1000	20.9	20.0	4.5	25.0
cis-1,2-Dichloroethene	Ave	0.3730	0.3826	0.1000	20.5	20.0	2.6	25.0
2,2-Dichloropropane	Ave	0.4299	0.4358	0.1000	20.3	20.0	1.4	25.0
Cyclohexane	Ave	0.5670	0.4878	0.1000	17.2	20.0	-14.0	25.0
Chlorobromomethane	Ave	0.1842	0.1855	0.1000	20.1	20.0	0.7	25.0
Chloroform	Ave	0.6107	0.6496	0.1000	21.3	20.0	6.4	25.0
Carbon tetrachloride	Ave	0.5016	0.5615	0.1000	22.4	20.0	11.9	25.0
Ethyl acetate	Ave	0.0355	0.0317*	0.1000	35.7	40.0	-10.7	25.0
Tetrahydrofuran	Ave	0.1884	0.1461	0.1000	15.5	20.0	-22.5	25.0
1,1,1-Trichloroethane	Ave	0.5200	0.5468	0.1000	21.0	20.0	5.2	25.0
1,1-Dichloropropene	Ave	0.4441	0.4518	0.1000	20.3	20.0	1.7	25.0
2-Butanone (MEK)	Ave	0.0554	0.0559*	0.1000	20.2	20.0	1.0	25.0
n-Heptane	Ave	0.2133	0.2091	0.1000	19.6	20.0	-2.0	25.0
Benzene	Ave	1.824	1.793	0.1000	19.7	20.0	-1.7	25.0
Tert-amyl methyl ether	Ave	1.052	0.9031	0.1000	17.2	20.0	-14.1	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCVIS 460-31440/1 Calibration Date: 03/08/2010 08:03

Instrument ID: VOAMS4 Calib Start Date: 02/02/2010 08:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/02/2010 11:16

Lab File ID: d16997.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane	Ave	0.4582	0.4977	0.1000	21.7	20.0	8.6	25.0
Isopropyl acetate	Ave	0.7183	0.6356	0.1000	35.4	40.0	-11.5	25.0
Methylcyclohexane	Ave	0.5432	0.5393	0.1000	19.9	20.0	-0.7	25.0
Trichloroethene	Ave	0.3277	0.3322	0.1000	20.3	20.0	1.4	25.0
n-Butanol	Ave	0.0107	0.0083*	0.1000	1170	1500	-21.8	25.0
Dibromomethane	Ave	0.2145	0.2047	0.1000	19.1	20.0	-4.6	25.0
1,2-Dichloropropane	Ave	0.3695	0.3392	0.1000	18.4	20.0	-8.2	25.0
Ethyl acrylate	Ave	0.4163	0.3300	0.1000	15.9	20.0	-20.7	25.0
Dichlorobromomethane	Ave	0.4488	0.4568	0.1000	20.4	20.0	1.8	25.0
Methyl methacrylate	Ave	0.0842	0.0701*	0.1000	16.6	20.0	-16.8	25.0
1,4-Dioxane	Ave	0.0046	0.0035*	0.1000	2300	3000	-23.4	25.0
n-Propyl acetate	Ave	0.5169	0.4121	0.1000	31.9	40.0	-20.3	25.0
2-Chloroethyl vinyl ether	Ave	0.2062	0.1719	0.1000	16.7	20.0	-16.7	25.0
cis-1,3-Dichloropropene	Ave	0.6801	0.6437	0.1000	18.9	20.0	-5.3	25.0
Toluene	Ave	1.931	1.810	0.1000	18.7	20.0	-6.3	25.0
Epichlorohydrin	Ave	0.0485	0.0422*	0.1000	348	400	-12.9	25.0
Tetrachloroethene	Ave	0.4447	0.4500	0.1000	20.2	20.0	1.2	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5261	0.4103	0.1000	15.6	20.0	-22.0	25.0
trans-1,3-Dichloropropene	Ave	0.6129	0.5776	0.1000	18.8	20.0	-5.8	25.0
1,1,2-Trichloroethane	Ave	0.3277	0.2975	0.1000	18.2	20.0	-9.2	25.0
Chlorodibromomethane	Ave	0.4119	0.4095	0.1000	19.9	20.0	-0.6	25.0
1,3-Dichloropropane	Ave	0.6674	0.5823	0.1000	17.4	20.0	-12.8	25.0
1,2-Dibromoethane	Ave	0.3795	0.3414	0.1000	18.0	20.0	-10.0	25.0
n-Butyl acetate	Ave	0.1175	0.0943*	0.1000	32.1	40.0	-19.8	25.0
2-Hexanone	Ave	0.3535	0.3146	0.1000	17.8	20.0	-11.0	25.0
Chlorobenzene	Ave	1.139	1.080	0.1000	19.0	20.0	-5.2	25.0
Ethylbenzene	Ave	0.6218	0.5990	0.1000	19.3	20.0	-3.7	25.0
1,1,1,2-Tetrachloroethane	Ave	0.4689	0.4742	0.1000	20.2	20.0	1.1	25.0
m-Xylene & p-Xylene	Ave	0.7712	0.7398	0.1000	38.4	40.0	-4.1	25.0
o-Xylene	Ave	0.7911	0.7315	0.1000	18.5	20.0	-7.5	25.0
Bromoform	Ave	0.2793	0.2737	0.1000	19.6	20.0	-2.0	25.0
Styrene	Ave	1.215	1.122	0.1000	18.5	20.0	-7.7	25.0
n-Butyl acrylate	Ave	0.3274	0.2732	0.1000	16.7	20.0	-16.5	25.0
Isopropylbenzene	Ave	2.069	2.008	0.1000	19.4	20.0	-2.9	25.0
Camphene	Ave	0.6344	0.7073	0.1000	22.3	20.0	11.5	25.0
Amyl acetate (mixed isomers)	Ave	1.079	0.7126	0.1000	13.2	20.0	-34.0*	25.0
Bromobenzene	Ave	0.9710	0.8683	0.1000	17.9	20.0	-10.6	25.0
N-Propylbenzene	Ave	4.627	4.288	0.1000	18.5	20.0	-7.3	25.0
1,1,2,2-Tetrachloroethane	Ave	1.066	0.8649	0.1000	16.2	20.0	-18.8	25.0
2-Chlorotoluene	Ave	2.851	2.566	0.1000	18.0	20.0	-10.0	25.0
1,2,3-Trichloropropane	Ave	0.3065	0.2647	0.1000	17.3	20.0	-13.6	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCVIS 460-31440/1 Calibration Date: 03/08/2010 08:03

Instrument ID: VOAMS4 Calib Start Date: 02/02/2010 08:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/02/2010 11:16

Lab File ID: d16997.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3,5-Trimethylbenzene	Ave	3.403	3.060	0.1000	18.0	20.0	-10.1	25.0
trans-1,4-Dichloro-2-butene	Ave	0.2828	0.2688	0.1000	19.0	20.0	-5.0	25.0
4-Chlorotoluene	Ave	2.748	2.502	0.1000	18.2	20.0	-8.9	25.0
tert-Butylbenzene	Ave	2.763	2.475	0.1000	17.9	20.0	-10.4	25.0
Butyl Methacrylate	Ave	1.132	0.9564	0.1000	16.9	20.0	-15.5	25.0
1,2,4-Trimethylbenzene	Ave	3.479	3.238	0.1000	18.6	20.0	-6.9	25.0
sec-Butylbenzene	Ave	4.314	4.023	0.1000	18.6	20.0	-6.8	25.0
4-Isopropyltoluene	Ave	3.595	3.307	0.1000	18.4	20.0	-8.0	25.0
1,3-Dichlorobenzene	Ave	1.844	1.739	0.1000	18.9	20.0	-5.7	25.0
1,4-Dichlorobenzene	Ave	1.864	1.749	0.1000	18.8	20.0	-6.2	25.0
2-Octanone	Ave	1.716	1.416	0.1000	16.5	20.0	-17.5	25.0
Benzyl chloride	Ave	5.226	4.998	0.1000	19.1	20.0	-4.4	25.0
n-Butylbenzene	Ave	5.226	4.998	0.1000	19.1	20.0	-4.4	25.0
1,2-Dichlorobenzene	Ave	1.879	1.717	0.1000	18.3	20.0	-8.6	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.1972	0.1673	0.1000	17.0	20.0	-15.1	25.0
Hexachlorobutadiene	Ave	0.6024	0.5650	0.1000	18.8	20.0	-6.2	25.0
1,2,4-Trichlorobenzene	Ave	1.395	1.256	0.1000	18.0	20.0	-10.0	25.0
Naphthalene	Ave	3.262	2.846	0.1000	17.4	20.0	-12.8	25.0
1,2,3-Trichlorobenzene	Ave	1.306	1.214	0.1000	18.6	20.0	-7.0	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0434	0.0444*	0.1000	51.1	50.0	2.2	25.0
Toluene-d8 (Surr)	Ave	1.261	1.224	0.1000	48.5	50.0	-3.0	25.0
4-Bromofluorobenzene	Ave	0.8212	0.7535	0.1000	45.9	50.0	-8.2	25.0

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d16997.d
Report Date: 11-Mar-2010 11:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d16997.d
Lab Smp Id: CCVIS
Inj Date : 08-MAR-2010 08:03
Operator : Inst ID: VOAMS4.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 11-Mar-2010 11:20 vibha Quant Type: ISTD
Cal Date : 08-MAR-2010 08:03 Cal File: d16997.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.323	1.323	(0.277)	46683	20.0000	18
3 Chloromethane	50	1.411	1.411	(0.295)	121251	20.0000	22
4 Vinyl Chloride	62	1.505	1.505	(0.315)	89057	20.0000	18
6 Bromomethane	94	1.705	1.705	(0.357)	68285	20.0000	22
5 Chloroethane	64	1.788	1.788	(0.374)	57798	20.0000	20
7 Trichlorofluoromethane	101	1.835	1.835	(0.384)	114009	20.0000	22
8 n-Pentane	72	1.829	1.829	(0.382)	11034	20.0000	27
10 Isoprene	67	2.035	2.035	(0.426)	95753	20.0000	23
11 Ethyl Ether	59	2.052	2.052	(0.429)	59554	20.0000	22
13 Acrolein	56	2.423	2.423	(0.507)	26403	40.0000	38
15 1,1-Dichloroethene	96	2.182	2.182	(0.456)	46951	20.0000	19
14 Freon TF	101	2.264	2.264	(0.474)	37445	20.0000	16
16 Acetone	58	2.641	2.641	(0.552)	9164	20.0000	20
17 Iodomethane	142	2.288	2.288	(0.478)	99928	20.0000	19
18 Carbon Disulfide	76	2.199	2.199	(0.460)	204590	20.0000	19
19 Isopropanol	45	2.576	2.576	(0.539)	749722	3000.00	2500

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d16997.d
Report Date: 11-Mar-2010 11:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	3.005	3.005	(0.628)	43737	400.000	330
	27 Methyl Acetate	74	2.741	2.741	(0.573)	15574	20.0000	19
	22 Methylene Chloride	84	2.605	2.605	(0.545)	67230	20.0000	18
	24 TBA	59	2.923	2.923	(0.611)	132217	400.000	290
	25 trans-1,2-Dichloroethene	96	2.723	2.723	(0.569)	69234	20.0000	21
	26 Acrylonitrile	53	3.241	3.241	(0.678)	31595	20.0000	22
	28 MTBE	73	2.829	2.829	(0.592)	163783	20.0000	16
	29 Hexane	56	2.770	2.770	(0.579)	53016	20.0000	22
	30 1,1-Dichloroethane	63	3.193	3.193	(0.668)	124591	20.0000	21
	32 DIPE	45	3.111	3.111	(0.651)	220112	20.0000	17
	35 t-Butyl-ethyl-ether	59	3.399	3.399	(0.711)	253373	20.0000	21
	37 2,2-Dichloropropane	77	3.729	3.729	(0.780)	82659	20.0000	20
	36 cis-1,2-Dichloroethene	96	3.629	3.629	(0.759)	72579	20.0000	20
	38 2-Butanone	72	4.146	4.146	(0.867)	10609	20.0000	20
	39 Ethyl Acetate	70	3.988	3.988	(0.834)	12041	40.0000	36
	40 Bromochloromethane	128	3.793	3.793	(0.793)	35187	20.0000	20
	41 Tetrahydrofuran	42	3.999	3.999	(0.836)	27719	20.0000	16
	42 Chloroform	83	3.870	3.870	(0.809)	123230	20.0000	21
	43 1,1,1-Trichloroethane	97	4.040	4.040	(0.845)	103718	20.0000	21
	44 Cyclohexane	56	3.788	3.788	(0.792)	92526	20.0000	17
	45 Carbon Tetrachloride	117	3.970	3.970	(0.830)	106511	20.0000	22
	46 1,1-Dichloropropene	75	4.146	4.146	(0.867)	85705	20.0000	20
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.505	4.505	(0.942)	21055	50.0000	51
	48 Benzene	78	4.376	4.376	(0.538)	251842	20.0000	20
	49 1,2-Dichloroethane	62	4.570	4.570	(0.956)	94408	20.0000	22
	51 n-Heptane	57	4.358	4.358	(0.911)	39662	20.0000	20
	50 t-Amyl-methyl-ether	73	4.511	4.511	(0.943)	171320	20.0000	17
	61 Isopropyl Acetate	43	4.864	4.864	(1.017)	241127	40.0000	35
*	52 Fluorobenzene	96	4.782	4.782	(1.000)	474234	50.0000	
	54 Trichloroethene	95	4.946	4.946	(1.034)	63021	20.0000	20
	53 n-Butanol	56	5.370	5.370	(1.123)	118573	1500.00	1200
	56 Methyl cyclohexane	83	4.935	4.935	(1.032)	102295	20.0000	20
	55 Ethyl Acrylate	55	5.570	5.570	(1.165)	62598	20.0000	16
	57 1,2-Dichloropropane	63	5.487	5.487	(1.148)	64348	20.0000	18
	58 Dibromomethane	93	5.376	5.376	(1.124)	38827	20.0000	19
	60 1,4-Dioxane	88	5.805	5.805	(1.214)	99535	3000.00	2300
	59 Methyl Methacrylate	100	5.793	5.793	(1.212)	13291	20.0000	17
	75 Propyl Acetate	43	5.970	5.970	(1.248)	156351	40.0000	32
	68 Bromodichloromethane	83	5.576	5.576	(1.166)	86644	20.0000	20
	62 2-Chloroethyl Vinyl Ether	63	6.270	6.270	(1.311)	32601	20.0000	17
	63 Epichlorohydrin	57	6.617	6.617	(0.813)	118582	400.000	350
	67 cis-1,3-Dichloropropene	75	6.299	6.299	(0.774)	90428	20.0000	19
	70 4-Methyl-2-Pentanone	43	7.070	7.070	(0.868)	57634	20.0000	16
$	65 Toluene-d8 (SUR)	98	6.523	6.523	(0.801)	429779	50.0000	48
	66 Toluene	91	6.582	6.582	(0.808)	254306	20.0000	19
	64 trans-1,3-Dichloropropene	75	7.087	7.087	(0.871)	81144	20.0000	19
	69 1,1,2-Trichloroethane	83	7.252	7.252	(0.891)	41796	20.0000	18

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d16997.d
Report Date: 11-Mar-2010 11:21

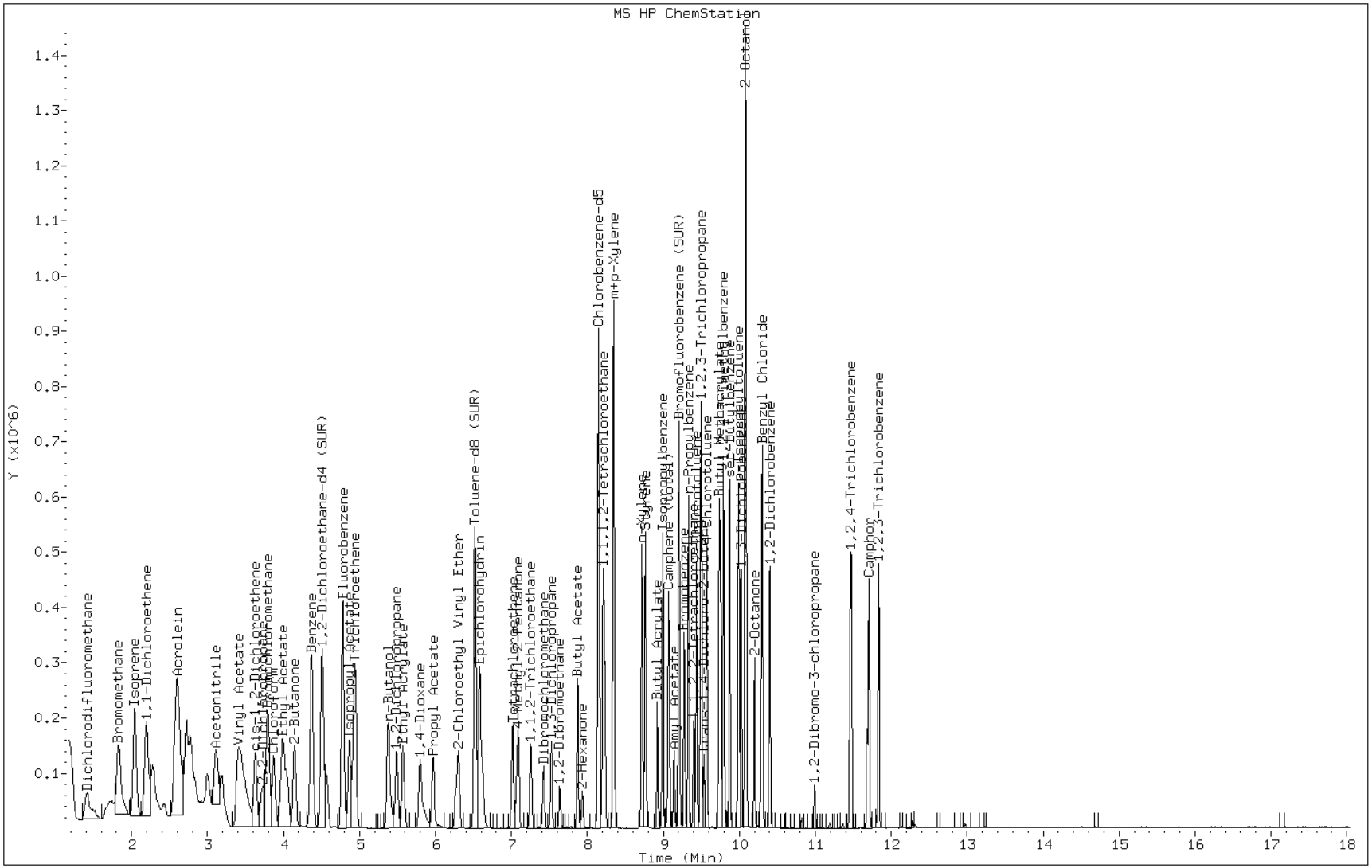
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	7.017	7.017	(0.862)	63207	20.0000	20
	72 1,3-Dichloropropane	76	7.529	7.529	(0.925)	81793	20.0000	17
	73 2-Hexanone	43	7.934	7.934	(0.975)	44196	20.0000	18
	74 Dibromochloromethane	129	7.423	7.423	(0.912)	57528	20.0000	20
	76 Butyl Acetate	73	7.870	7.870	(0.967)	26486	40.0000	32
	77 1,2-Dibromoethane	107	7.634	7.634	(0.938)	47960	20.0000	18
*	78 Chlorobenzene-d5	117	8.140	8.140	(1.000)	351189	50.0000	
	79 Chlorobenzene	112	8.158	8.158	(1.002)	151753	20.0000	19
	80 1,1,1,2-Tetrachloroethane	131	8.228	8.228	(1.011)	66617	20.0000	20
	81 Ethylbenzene	106	8.205	8.205	(1.008)	84142	20.0000	19
	82 m+p-Xylene	106	8.346	8.346	(1.025)	207835	40.0000	38
	84 o-Xylene	106	8.717	8.717	(1.071)	102755	20.0000	18
	85 Styrene	104	8.764	8.764	(1.077)	157630	20.0000	18
	83 Butyl Acrylate	73	8.923	8.923	(1.096)	38380	20.0000	17
	86 Bromoform	173	8.764	8.764	(1.077)	38443	20.0000	20
	87 Amyl Acetate	43	9.140	9.140	(0.907)	57244	20.0000	13
	88 Isopropylbenzene	105	8.993	8.993	(1.105)	282097	20.0000	19
$	89 Bromofluorobenzene (SUR)	174	9.205	9.205	(0.913)	151327	50.0000	46
	90 Camphene (total)	93	9.070	9.070	(1.114)	99361	20.0000	22
	91 Bromobenzene	156	9.275	9.275	(0.920)	69744	20.0000	18
	92 1,1,2,2-Tetrachloroethane	83	9.399	9.399	(0.932)	69476	20.0000	16
	93 1,2,3-Trichloropropane	110	9.487	9.487	(0.941)	21261	20.0000	17
	94 trans-1,4-Dichloro-2-butene	53	9.534	9.534	(0.946)	21592	20.0000	19
	95 n-Propylbenzene	91	9.328	9.328	(0.925)	344403	20.0000	18
	96 2-Chlorotoluene	91	9.434	9.434	(0.936)	206154	20.0000	18
	97 1,3,5-Trimethylbenzene	105	9.493	9.493	(0.942)	245778	20.0000	18
	98 4-Chlorotoluene	91	9.570	9.570	(0.949)	200983	20.0000	18
	99 Butyl Methacrylate	87	9.752	9.752	(0.967)	76826	20.0000	17
	100 tert-Butylbenzene	119	9.734	9.734	(0.966)	198795	20.0000	18
	101 1,2,4-Trimethylbenzene	105	9.793	9.793	(0.971)	260112	20.0000	19
	102 2-Octanone	43	10.199	10.199	(1.012)	113754	20.0000	16
	103 sec-Butylbenzene	105	9.875	9.875	(0.980)	323146	20.0000	19
	105 1,3-Dichlorobenzene	146	10.022	10.022	(0.994)	139715	20.0000	19
	107 p-Isopropyltoluene	119	9.993	9.993	(0.991)	265655	20.0000	18
*	108 1,4-Dichlorobenzene-d4	152	10.081	10.081	(1.000)	200816	50.0000	
	109 1,4-Dichlorobenzene	146	10.093	10.093	(1.001)	140456	20.0000	19
	110 Benzyl Chloride	91	10.305	10.305	(1.022)	401502	20.0000	19
	106 n-Butylbenzene	91	10.305	10.305	(1.022)	401502	20.0000	19
	111 1,2-Dichlorobenzene	146	10.405	10.405	(1.032)	137911	20.0000	18
	112 1,2-Dibromo-3-chloropropane	75	10.993	10.993	(1.090)	13438	20.0000	17
	113 Camphor	95	11.681	11.681	(1.159)	31251	100.000	46
	114 1,2,4-Trichlorobenzene	180	11.475	11.475	(1.138)	100862	20.0000	18
	115 Hexachlorobutadiene	225	11.458	11.458	(1.137)	45383	20.0000	19
	116 Naphthalene	128	11.705	11.705	(1.161)	228640	20.0000	17
	117 1,2,3-Trichlorobenzene	180	11.834	11.834	(1.174)	97549	20.0000	18
M	120 1,2-Dichloroethene (Total)	100				141813	40.0000	42
M	121 Xylene (Total)	100				310590	60.0000	57

Data File: d16997.d

Date: 08-MAR-2010 08:03

Client ID: Instrument: VOAMS4.i

Sample Info: CCVIS Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCV 460-31440/17 Calibration Date: 03/08/2010 17:53

Instrument ID: VOAMS4 Calib Start Date: 02/02/2010 08:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/02/2010 11:16

Lab File ID: d17020.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2792	0.3387	0.1000	24.3	20.0	21.3	25.0
Chloromethane	Ave	0.5663	0.5472	0.1000	19.3	20.0	-3.4	25.0
Vinyl chloride	Ave	0.5188	0.5667	0.1000	21.8	20.0	9.2	25.0
Bromomethane	Ave	0.3282	0.2909	0.1000	17.7	20.0	-11.4	25.0
Chloroethane	Ave	0.2975	0.3377	0.1000	22.7	20.0	13.5	25.0
Pentane	Ave	0.0423	0.0617*	0.1000	29.1	20.0	45.7*	25.0
Trichlorofluoromethane	Ave	0.5384	0.4957	0.1000	18.4	20.0	-7.9	25.0
2-Methyl-1,3-butadiene	Ave	0.4338	0.5738	0.1000	26.5	20.0	32.3*	25.0
Ethyl ether	Ave	0.2821	0.3957	0.1000	28.1	20.0	40.3*	25.0
1,1-Dichloroethene	Ave	0.2626	0.2408	0.1000	18.3	20.0	-8.3	25.0
Carbon disulfide	Ave	1.132	1.242	0.1000	21.9	20.0	9.7	25.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2409	0.2473	0.1000	20.5	20.0	2.6	25.0
Iodomethane	Ave	0.5464	0.6312	0.1000	23.1	20.0	15.5	25.0
Acrolein	Ave	0.0741	0.0593*	0.1000	32.0	40.0	-20.0	25.0
Isopropyl alcohol	Ave	0.0310	0.0286*	0.1000	2760	3000	-7.9	25.0
Methylene Chloride	Ave	0.3956	0.3557	0.1000	18.0	20.0	-10.1	25.0
Acetone	Ave	0.0484	0.0463*	0.1000	19.1	20.0	-4.3	25.0
trans-1,2-Dichloroethene	Ave	0.3427	0.3532	0.1000	20.6	20.0	3.1	25.0
Methyl acetate	Ave	0.0870	0.1254	0.1000	28.8	20.0	44.1*	25.0
Hexane	Ave	0.2565	0.3190	0.1000	24.9	20.0	24.4	25.0
Methyl tert-butyl ether	Ave	1.110	1.131	0.1000	20.4	20.0	1.9	25.0
2-Methyl-2-propanol	Ave	0.0477	0.0619*	0.1000	519	400	29.8*	25.0
Acetonitrile	Ave	0.0138	0.0153*	0.1000	444	400	11.1	25.0
Isopropyl ether	Ave	1.332	1.447	0.1000	21.7	20.0	8.6	25.0
1,1-Dichloroethane	Ave	0.6342	0.6431	0.1000	20.3	20.0	1.4	25.0
Acrylonitrile	Ave	0.1520	0.1601	0.1000	21.1	20.0	5.3	25.0
Tert-butyl ethyl ether	Ave	1.279	1.579	0.1000	24.7	20.0	23.5	25.0
cis-1,2-Dichloroethene	Ave	0.3730	0.3684	0.1000	19.8	20.0	-1.2	25.0
2,2-Dichloropropane	Ave	0.4299	0.3985	0.1000	18.5	20.0	-7.3	25.0
Chlorobromomethane	Ave	0.1842	0.1868	0.1000	20.3	20.0	1.4	25.0
Cyclohexane	Ave	0.5670	0.6059	0.1000	21.4	20.0	6.9	25.0
Chloroform	Ave	0.6107	0.6336	0.1000	20.7	20.0	3.7	25.0
Carbon tetrachloride	Ave	0.5016	0.5179	0.1000	20.6	20.0	3.2	25.0
Ethyl acetate	Ave	0.0355	0.0455*	0.1000	51.2	40.0	28.1*	25.0
Tetrahydrofuran	Ave	0.1884	0.2090	0.1000	22.2	20.0	10.9	25.0
1,1,1-Trichloroethane	Ave	0.5200	0.5208	0.1000	20.0	20.0	0.2	25.0
1,1-Dichloropropene	Ave	0.4441	0.4427	0.1000	19.9	20.0	-0.3	25.0
2-Butanone (MEK)	Ave	0.0554	0.0700*	0.1000	25.3	20.0	26.5*	25.0
n-Heptane	Ave	0.2133	0.2515	0.1000	23.6	20.0	17.9	25.0
Benzene	Ave	1.824	1.781	0.1000	19.5	20.0	-2.4	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCV 460-31440/17 Calibration Date: 03/08/2010 17:53

Instrument ID: VOAMS4 Calib Start Date: 02/02/2010 08:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/02/2010 11:16

Lab File ID: d17020.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	1.052	1.182	0.1000	22.5	20.0	12.4	25.0
1,2-Dichloroethane	Ave	0.4582	0.5055	0.1000	22.1	20.0	10.3	25.0
Isopropyl acetate	Ave	0.7183	0.8897	0.1000	49.5	40.0	23.9	25.0
Methylcyclohexane	Ave	0.5432	0.6544	0.1000	24.1	20.0	20.5	25.0
Trichloroethene	Ave	0.3277	0.3385	0.1000	20.7	20.0	3.3	25.0
Dibromomethane	Ave	0.2145	0.2178	0.1000	20.3	20.0	1.5	25.0
n-Butanol	Ave	0.0107	0.0094*	0.1000	1320	1500	-11.7	25.0
1,2-Dichloropropane	Ave	0.3695	0.3486	0.1000	18.9	20.0	-5.6	25.0
Ethyl acrylate	Ave	0.4163	0.4771	0.1000	22.9	20.0	14.6	25.0
Dichlorobromomethane	Ave	0.4488	0.4516	0.1000	20.1	20.0	0.6	25.0
Methyl methacrylate	Ave	0.0842	0.1011	0.1000	24.0	20.0	20.0	25.0
1,4-Dioxane	Ave	0.0046	0.0038*	0.1000	2490	3000	-16.8	25.0
n-Propyl acetate	Ave	0.5169	0.6004	0.1000	46.5	40.0	16.2	25.0
2-Chloroethyl vinyl ether	Ave	0.2062	0.2291	0.1000	22.2	20.0	11.1	25.0
cis-1,3-Dichloropropene	Ave	0.6801	0.6518	0.1000	19.2	20.0	-4.2	25.0
Toluene	Ave	1.931	1.793	0.1000	18.6	20.0	-7.1	25.0
Epichlorohydrin	Ave	0.0485	0.0589*	0.1000	486	400	21.5	25.0
Tetrachloroethene	Ave	0.4447	0.4393	0.1000	19.8	20.0	-1.2	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5261	0.6243	0.1000	23.7	20.0	18.7	25.0
trans-1,3-Dichloropropene	Ave	0.6129	0.5870	0.1000	19.2	20.0	-4.2	25.0
1,1,2-Trichloroethane	Ave	0.3277	0.3096	0.1000	18.9	20.0	-5.5	25.0
Chlorodibromomethane	Ave	0.4119	0.4099	0.1000	19.9	20.0	-0.5	25.0
1,3-Dichloropropane	Ave	0.6674	0.6233	0.1000	18.7	20.0	-6.6	25.0
1,2-Dibromoethane	Ave	0.3795	0.3592	0.1000	18.9	20.0	-5.3	25.0
n-Butyl acetate	Ave	0.1175	0.1362	0.1000	46.3	40.0	15.9	25.0
2-Hexanone	Ave	0.3535	0.4660	0.1000	26.4	20.0	31.8*	25.0
Chlorobenzene	Ave	1.139	1.098	0.1000	19.3	20.0	-3.6	25.0
Ethylbenzene	Ave	0.6218	0.5762	0.1000	18.5	20.0	-7.3	25.0
1,1,1,2-Tetrachloroethane	Ave	0.4689	0.4599	0.1000	19.6	20.0	-1.9	25.0
m-Xylene & p-Xylene	Ave	0.7712	0.7248	0.1000	37.6	40.0	-6.0	25.0
o-Xylene	Ave	0.7911	0.7293	0.1000	18.4	20.0	-7.8	25.0
Bromoform	Ave	0.2793	0.2890	0.1000	20.7	20.0	3.5	25.0
Styrene	Ave	1.215	1.122	0.1000	18.5	20.0	-7.6	25.0
n-Butyl acrylate	Ave	0.3274	0.3804	0.1000	23.2	20.0	16.2	25.0
Isopropylbenzene	Ave	2.069	1.968	0.1000	19.0	20.0	-4.9	25.0
Camphene	Ave	0.6344	0.8305	0.1000	26.2	20.0	30.9*	25.0
Amyl acetate (mixed isomers)	Ave	1.079	1.028	0.1000	19.1	20.0	-4.7	25.0
Bromobenzene	Ave	0.9710	0.8737	0.1000	18.0	20.0	-10.0	25.0
N-Propylbenzene	Ave	4.627	4.269	0.1000	18.5	20.0	-7.7	25.0
1,1,2,2-Tetrachloroethane	Ave	1.066	0.9504	0.1000	17.8	20.0	-10.8	25.0
2-Chlorotoluene	Ave	2.851	2.540	0.1000	17.8	20.0	-10.9	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCV 460-31440/17 Calibration Date: 03/08/2010 17:53

Instrument ID: VOAMS4 Calib Start Date: 02/02/2010 08:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/02/2010 11:16

Lab File ID: d17020.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichloropropane	Ave	0.3065	0.2900	0.1000	18.9	20.0	-5.4	25.0
1,3,5-Trimethylbenzene	Ave	3.403	3.025	0.1000	17.8	20.0	-11.1	25.0
trans-1,4-Dichloro-2-butene	Ave	0.2828	0.3187	0.1000	22.5	20.0	12.7	25.0
4-Chlorotoluene	Ave	2.748	2.483	0.1000	18.1	20.0	-9.6	25.0
tert-Butylbenzene	Ave	2.763	2.407	0.1000	17.4	20.0	-12.9	25.0
Butyl Methacrylate	Ave	1.132	1.260	0.1000	22.3	20.0	11.3	25.0
1,2,4-Trimethylbenzene	Ave	3.479	3.188	0.1000	18.3	20.0	-8.4	25.0
sec-Butylbenzene	Ave	4.314	3.863	0.1000	17.9	20.0	-10.5	25.0
4-Isopropyltoluene	Ave	3.595	3.239	0.1000	18.0	20.0	-9.9	25.0
1,3-Dichlorobenzene	Ave	1.844	1.645	0.1000	17.8	20.0	-10.8	25.0
1,4-Dichlorobenzene	Ave	1.864	1.708	0.1000	18.3	20.0	-8.3	25.0
2-Octanone	Ave	1.716	2.105	0.1000	24.5	20.0	22.7	25.0
Benzyl chloride	Ave	5.226	5.293	0.1000	20.3	20.0	1.3	25.0
n-Butylbenzene	Ave	5.226	5.293	0.1000	20.3	20.0	1.3	25.0
1,2-Dichlorobenzene	Ave	1.879	1.739	0.1000	18.5	20.0	-7.5	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.1972	0.1866	0.1000	18.9	20.0	-5.4	25.0
Hexachlorobutadiene	Ave	0.6024	0.5088	0.1000	16.9	20.0	-15.5	25.0
1,2,4-Trichlorobenzene	Ave	1.395	1.227	0.1000	17.6	20.0	-12.0	25.0
Camphor	LinF	0.1162	0.1202	0.1000	71.1	100	-28.9*	25.0
Naphthalene	Ave	3.262	3.180	0.1000	19.5	20.0	-2.5	25.0
1,2,3-Trichlorobenzene	Ave	1.306	1.207	0.1000	18.5	20.0	-7.6	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0434	0.0458*	0.1000	52.7	50.0	5.4	25.0
Toluene-d8 (Surr)	Ave	1.261	1.304	0.1000	51.7	50.0	3.4	25.0
4-Bromofluorobenzene	Ave	0.8212	0.8178	0.1000	49.8	50.0	-0.4	25.0

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17020.d
Report Date: 08-Mar-2010 19:43

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17020.d
Lab Smp Id: CCV
Inj Date : 08-MAR-2010 17:53
Operator : Inst ID: VOAMS4.i
Smp Info : CCV
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 08-Mar-2010 19:43 eddie Quant Type: ISTD
Cal Date : 08-MAR-2010 17:53 Cal File: d17020.d
Als bottle: 25 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.317	1.317	(0.275)	68136	20.0000	24
3 Chloromethane	50	1.405	1.405	(0.294)	110091	20.0000	19
4 Vinyl Chloride	62	1.511	1.511	(0.316)	114014	20.0000	22
6 Bromomethane	94	1.711	1.711	(0.357)	58519	20.0000	18
5 Chloroethane	64	1.788	1.788	(0.373)	67937	20.0000	23
7 Trichlorofluoromethane	101	1.835	1.835	(0.383)	99722	20.0000	18
8 n-Pentane	72	1.817	1.817	(0.380)	12406	20.0000	29
10 Isoprene	67	2.029	2.029	(0.424)	115434	20.0000	26
11 Ethyl Ether	59	2.047	2.047	(0.427)	79597	20.0000	28
13 Acrolein	56	2.429	2.429	(0.507)	23854	40.0000	32
15 1,1-Dichloroethene	96	2.176	2.176	(0.454)	48446	20.0000	18
14 Freon TF	101	2.270	2.270	(0.474)	49755	20.0000	20
16 Acetone	58	2.647	2.647	(0.553)	9322	20.0000	19
17 Iodomethane	142	2.276	2.276	(0.475)	126985	20.0000	23
18 Carbon Disulfide	76	2.200	2.200	(0.459)	249817	20.0000	22
19 Isopropanol	45	2.588	2.588	(0.540)	862105	3000.00	2800

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17020.d
Report Date: 08-Mar-2010 19:43

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	2.999	2.999	(0.626)	61624	400.000	440
	27 Methyl Acetate	74	2.741	2.741	(0.572)	25233	20.0000	29
	22 Methylene Chloride	84	2.599	2.599	(0.543)	71566	20.0000	18
	24 TBA	59	2.958	2.958	(0.618)	249172	400.000	520
	25 trans-1,2-Dichloroethene	96	2.717	2.717	(0.568)	71049	20.0000	21
	26 Acrylonitrile	53	3.246	3.246	(0.678)	32205	20.0000	21
	28 MTBE	73	2.823	2.823	(0.590)	227477	20.0000	20
	29 Hexane	56	2.770	2.770	(0.579)	64178	20.0000	25
	30 1,1-Dichloroethane	63	3.188	3.188	(0.666)	129385	20.0000	20
	32 DIPE	45	3.117	3.117	(0.651)	291148	20.0000	22
	35 t-Butyl-ethyl-ether	59	3.399	3.399	(0.710)	317637	20.0000	25
	37 2,2-Dichloropropane	77	3.723	3.723	(0.778)	80169	20.0000	18
	36 cis-1,2-Dichloroethene	96	3.629	3.629	(0.758)	74114	20.0000	20
	38 2-Butanone	72	4.152	4.152	(0.867)	14091	20.0000	25
	39 Ethyl Acetate	70	3.994	3.994	(0.834)	18312	40.0000	51
	40 Bromochloromethane	128	3.794	3.794	(0.792)	37570	20.0000	20
	41 Tetrahydrofuran	42	3.999	3.999	(0.835)	42040	20.0000	22
	42 Chloroform	83	3.876	3.876	(0.810)	127460	20.0000	21
	43 1,1,1-Trichloroethane	97	4.046	4.046	(0.845)	104774	20.0000	20
	44 Cyclohexane	56	3.794	3.794	(0.792)	121899	20.0000	21
	45 Carbon Tetrachloride	117	3.988	3.988	(0.833)	104188	20.0000	21
	46 1,1-Dichloropropene	75	4.146	4.146	(0.866)	89052	20.0000	20
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.511	4.511	(0.942)	23029	50.0000	53
	48 Benzene	78	4.382	4.382	(0.538)	268156	20.0000	20
	49 1,2-Dichloroethane	62	4.576	4.576	(0.956)	101704	20.0000	22
	51 n-Heptane	57	4.364	4.364	(0.912)	50602	20.0000	24
	50 t-Amyl-methyl-ether	73	4.517	4.517	(0.943)	237827	20.0000	22
	61 Isopropyl Acetate	43	4.876	4.876	(1.018)	357994	40.0000	50
*	52 Fluorobenzene	96	4.788	4.788	(1.000)	502952	50.0000	
	54 Trichloroethene	95	4.952	4.952	(1.034)	68096	20.0000	21
	53 n-Butanol	56	5.388	5.388	(1.125)	142018	1500.00	1300
	56 Methyl cyclohexane	83	4.935	4.935	(1.031)	131655	20.0000	24
	55 Ethyl Acrylate	55	5.576	5.576	(1.165)	95976	20.0000	23
	57 1,2-Dichloropropane	63	5.499	5.499	(1.149)	70132	20.0000	19
	58 Dibromomethane	93	5.382	5.382	(1.124)	43807	20.0000	20
	60 1,4-Dioxane	88	5.811	5.811	(1.214)	114586	3000.00	2500
	59 Methyl Methacrylate	100	5.799	5.799	(1.211)	20332	20.0000	24
	75 Propyl Acetate	43	5.976	5.976	(1.248)	241558	40.0000	46
	68 Bromodichloromethane	83	5.582	5.582	(1.166)	90857	20.0000	20
	62 2-Chloroethyl Vinyl Ether	63	6.276	6.276	(1.311)	46099	20.0000	22
	63 Epichlorohydrin	57	6.629	6.629	(0.814)	177463	400.000	490
	67 cis-1,3-Dichloropropene	75	6.311	6.311	(0.775)	98133	20.0000	19
	70 4-Methyl-2-Pentanone	43	7.082	7.082	(0.869)	93992	20.0000	24
$	65 Toluene-d8 (SUR)	98	6.529	6.529	(0.801)	490838	50.0000	52
	66 Toluene	91	6.587	6.587	(0.809)	270021	20.0000	18
	64 trans-1,3-Dichloropropene	75	7.099	7.099	(0.871)	88377	20.0000	19
	69 1,1,2-Trichloroethane	83	7.264	7.264	(0.892)	46606	20.0000	19

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17020.d
Report Date: 08-Mar-2010 19:43

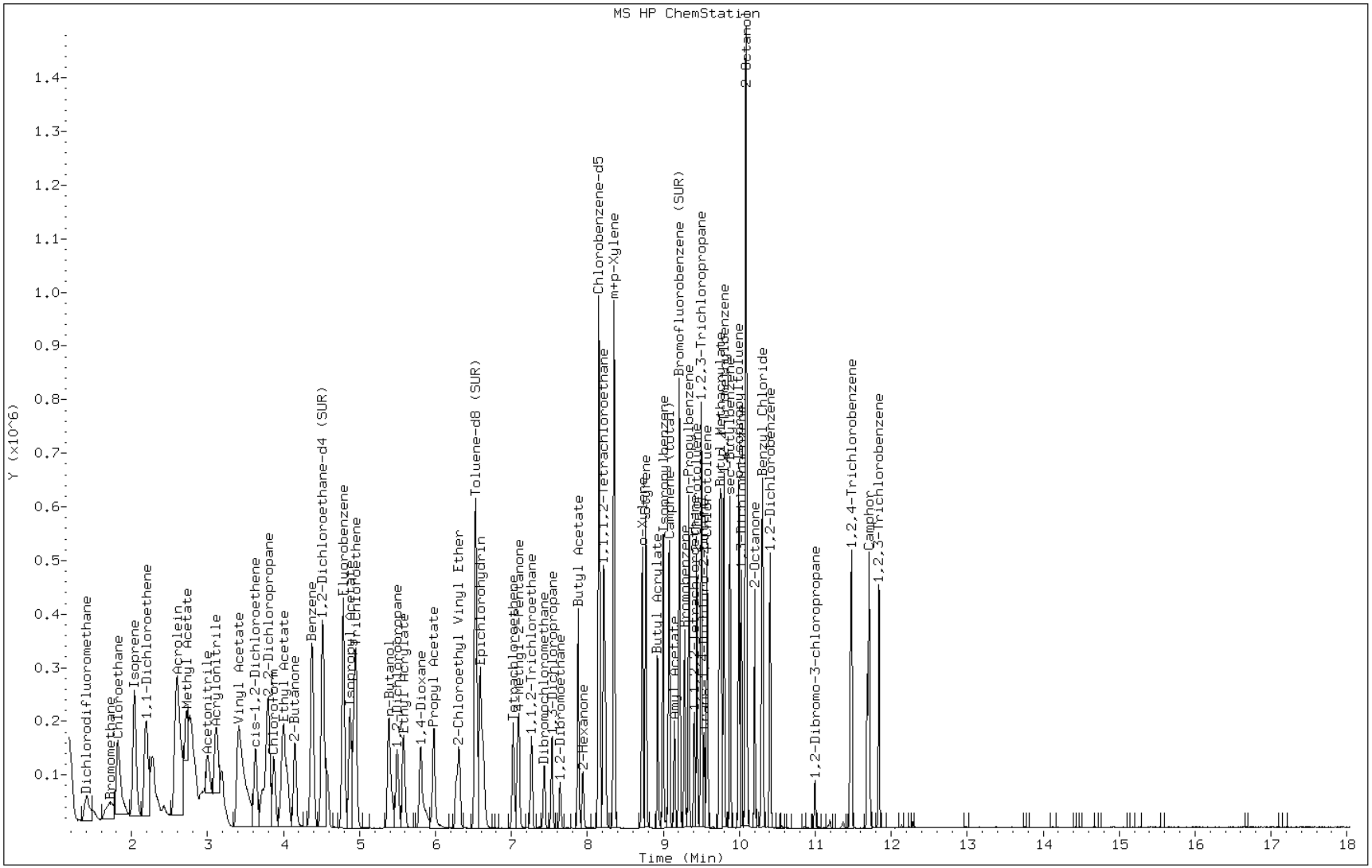
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	7.023	7.023	(0.862)	66136	20.0000	20
	72 1,3-Dichloropropane	76	7.534	7.534	(0.925)	93847	20.0000	19
	73 2-Hexanone	43	7.940	7.940	(0.975)	70162	20.0000	26
	74 Dibromochloromethane	129	7.429	7.429	(0.912)	61708	20.0000	20
	76 Butyl Acetate	73	7.881	7.881	(0.968)	41003	40.0000	46
	77 1,2-Dibromoethane	107	7.640	7.640	(0.938)	54088	20.0000	19
*	78 Chlorobenzene-d5	117	8.146	8.146	(1.000)	376403	50.0000	
	79 Chlorobenzene	112	8.164	8.164	(1.002)	165292	20.0000	19
	80 1,1,1,2-Tetrachloroethane	131	8.234	8.234	(1.011)	69237	20.0000	20
	81 Ethylbenzene	106	8.211	8.211	(1.008)	86746	20.0000	18
	82 m+p-Xylene	106	8.352	8.352	(1.025)	218249	40.0000	38
	84 o-Xylene	106	8.723	8.723	(1.071)	109811	20.0000	18
	85 Styrene	104	8.770	8.770	(1.077)	168991	20.0000	18
	83 Butyl Acrylate	73	8.928	8.928	(1.096)	57278	20.0000	23
	86 Bromoform	173	8.770	8.770	(1.077)	43516	20.0000	21
	87 Amyl Acetate	43	9.146	9.146	(0.907)	85894	20.0000	19
	88 Isopropylbenzene	105	8.993	8.993	(1.104)	296299	20.0000	19
$	89 Bromofluorobenzene (SUR)	174	9.211	9.211	(0.914)	170783	50.0000	50
	90 Camphene (total)	93	9.076	9.076	(1.114)	125046	20.0000	26
	91 Bromobenzene	156	9.281	9.281	(0.921)	72977	20.0000	18
	92 1,1,2,2-Tetrachloroethane	83	9.405	9.405	(0.933)	79387	20.0000	18
	93 1,2,3-Trichloropropane	110	9.493	9.493	(0.942)	24224	20.0000	19
	94 trans-1,4-Dichloro-2-butene	53	9.540	9.540	(0.946)	26617	20.0000	22
	95 n-Propylbenzene	91	9.334	9.334	(0.926)	356628	20.0000	18
	96 2-Chlorotoluene	91	9.440	9.440	(0.936)	212134	20.0000	18
	97 1,3,5-Trimethylbenzene	105	9.499	9.499	(0.942)	252717	20.0000	18
	98 4-Chlorotoluene	91	9.575	9.575	(0.950)	207439	20.0000	18
	99 Butyl Methacrylate	87	9.758	9.758	(0.968)	105233	20.0000	22
	100 tert-Butylbenzene	119	9.740	9.740	(0.966)	201039	20.0000	17
	101 1,2,4-Trimethylbenzene	105	9.799	9.799	(0.972)	266293	20.0000	18
	102 2-Octanone	43	10.205	10.205	(1.012)	175860	20.0000	24
	103 sec-Butylbenzene	105	9.875	9.875	(0.980)	322717	20.0000	18
	105 1,3-Dichlorobenzene	146	10.023	10.023	(0.994)	137407	20.0000	18
	107 p-Isopropyltoluene	119	9.993	9.993	(0.991)	270524	20.0000	18
*	108 1,4-Dichlorobenzene-d4	152	10.081	10.081	(1.000)	208828	50.0000	
	109 1,4-Dichlorobenzene	146	10.093	10.093	(1.001)	142691	20.0000	18
	110 Benzyl Chloride	91	10.305	10.305	(1.022)	442105	20.0000	20
	106 n-Butylbenzene	91	10.305	10.305	(1.022)	442105	20.0000	20
	111 1,2-Dichlorobenzene	146	10.405	10.405	(1.032)	145248	20.0000	18
	112 1,2-Dibromo-3-chloropropane	75	10.999	10.999	(1.091)	15585	20.0000	19
	113 Camphor	95	11.687	11.687	(1.159)	50188	100.000	71
	114 1,2,4-Trichlorobenzene	180	11.475	11.475	(1.138)	102494	20.0000	18
	115 Hexachlorobutadiene	225	11.464	11.464	(1.137)	42502	20.0000	17
	116 Naphthalene	128	11.711	11.711	(1.162)	265596	20.0000	19
	117 1,2,3-Trichlorobenzene	180	11.834	11.834	(1.174)	100862	20.0000	18
M	120 1,2-Dichloroethene (Total)	100				145163	40.0000	40
M	121 Xylene (Total)	100				328060	60.0000	56

Data File: d17020.d

Date: 08-MAR-2010 17:53

Client ID: Instrument: VOAMS4.i

Sample Info: CCV Operator:



Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16200.d
Report Date: 08-Feb-2010 17:01

TestAmerica

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16200.d
Lab Smp Id: BFB
Inj Date : 02-FEB-2010 08:08
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/VOABFB.m
Meth Date : 28-Apr-2009 16:44 haitmane Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

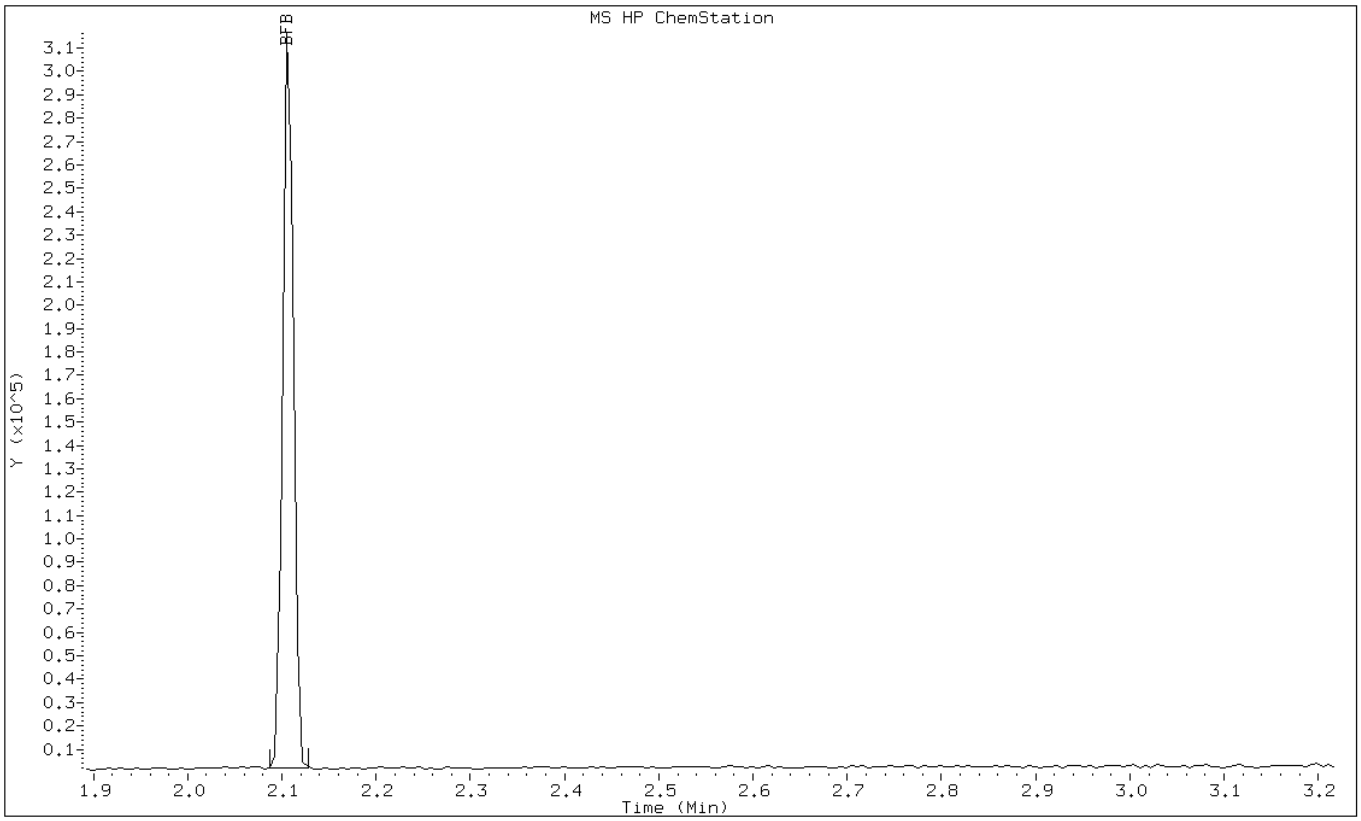
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.105	2.200 (0.000)	95	45072			0.00- 100.00	100.00
2.105	2.200 (0.000)	50	9056			15.00- 40.00	20.09
2.105	2.200 (0.000)	75	23256			30.00- 60.00	51.60
2.105	2.200 (0.000)	96	3152			5.00- 9.00	6.99
2.105	2.200 (0.000)	173	0			0.00- 2.00	0.00
2.105	2.200 (0.000)	174	38040			50.00- 100.00	84.40
2.105	2.200 (0.000)	175	2675			5.00- 9.00	7.03
2.105	2.200 (0.000)	176	36816			95.00- 101.00	96.78
2.105	2.200 (0.000)	177	2570			5.00- 9.00	6.98

Data File: d16200.d

Date: 02-FEB-2010 08:08

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1



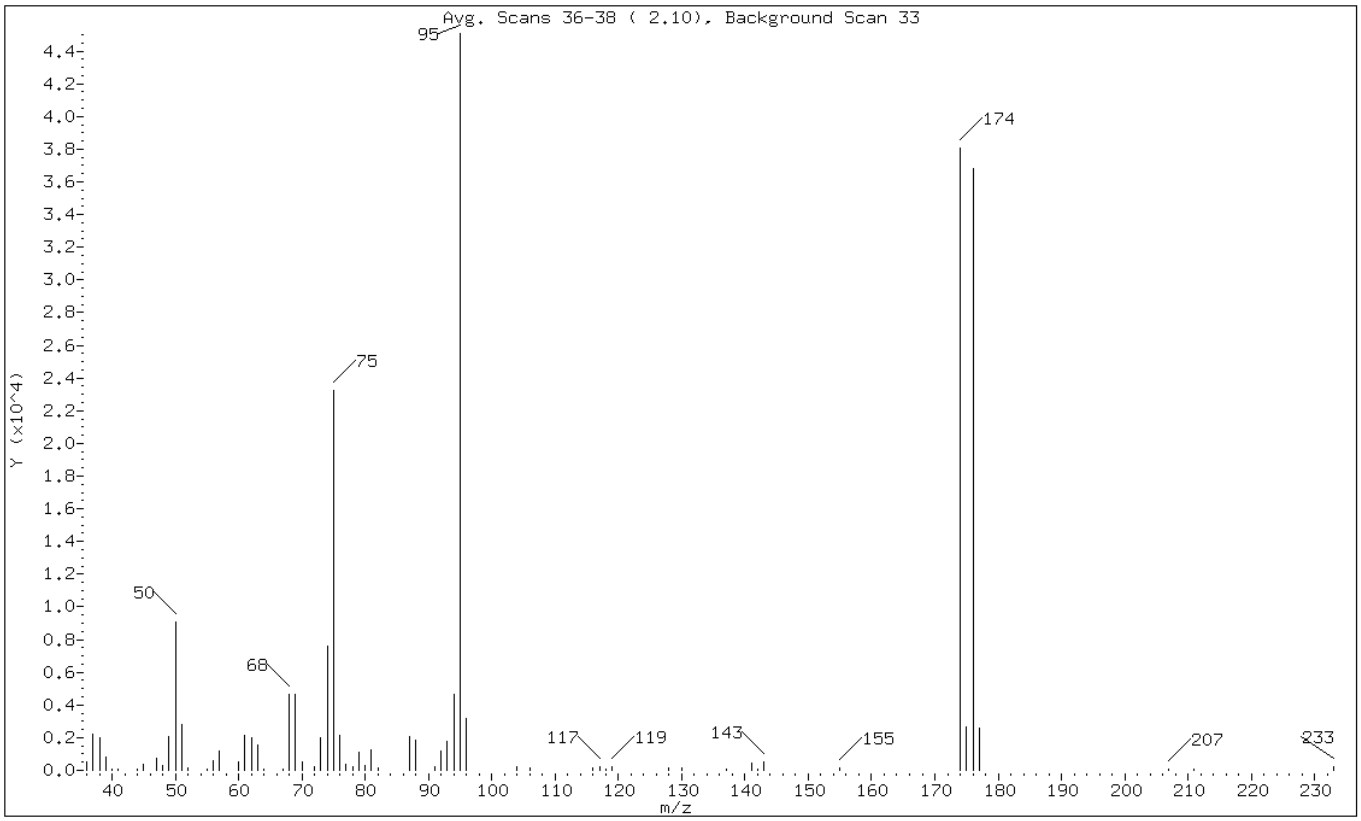
Data File: d16200.d

Date: 02-FEB-2010 08:08

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.09
75	30.00 - 60.00% of mass 95	51.60
96	5.00 - 9.00% of mass 95	6.99
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	84.40
175	5.00 - 9.00% of mass 174	5.93 (7.03)
176	95.00 - 101.00% of mass 174	81.68 (96.78)
177	5.00 - 9.00% of mass 176	5.70 (6.98)

Data File: d16200.d

Date: 02-FEB-2010 08:08

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b/d16200.d
Spectrum: Avg. Scans 36-38 (2.10), Background Scan 33
Location of Maximum: 95.00
Number of points: 65

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	519	60.00	528	80.00	325	128.00	160
37.00	2216	61.00	2151	81.00	1233	130.00	122
38.00	1964	62.00	2007	82.00	170	137.00	73
39.00	840	63.00	1530	87.00	2095	141.00	424
40.00	80	64.00	51	88.00	1863	142.00	52
41.00	52	67.00	69	91.00	196	143.00	498
44.00	50	68.00	4684	92.00	1148	155.00	141
45.00	405	69.00	4649	93.00	1792	174.00	38040
47.00	707	70.00	489	94.00	4611	175.00	2675
48.00	274	72.00	222	95.00	45072	176.00	36816
49.00	2036	73.00	1985	96.00	3152	177.00	2570
50.00	9056	74.00	7571	104.00	186	207.00	109
51.00	2810	75.00	23256	106.00	182	211.00	59
52.00	137	76.00	2148	116.00	127	233.00	202
55.00	86	77.00	399	117.00	202		
56.00	602	78.00	239	118.00	72		
57.00	1146	79.00	1098	119.00	206		

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16903.d
Report Date: 05-Mar-2010 06:51

TestAmerica

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16903.d
Lab Smp Id: BFB
Inj Date : 05-MAR-2010 06:49
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/VOABFB.m
Meth Date : 28-Apr-2009 16:44 haitmane Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.099	2.200 (0.000)	95	46741			0.00- 100.00	100.00
2.099	2.200 (0.000)	50	9917			15.00- 40.00	21.22
2.099	2.200 (0.000)	75	25234			30.00- 60.00	53.99
2.099	2.200 (0.000)	96	3453			5.00- 9.00	7.39
2.099	2.200 (0.000)	173	355			0.00- 2.00	0.83
2.099	2.200 (0.000)	174	42522			50.00- 100.00	90.97
2.099	2.200 (0.000)	175	3203			5.00- 9.00	7.53
2.099	2.200 (0.000)	176	40685			95.00- 101.00	95.68
2.099	2.200 (0.000)	177	2639			5.00- 9.00	6.49

Data File: d16903.d

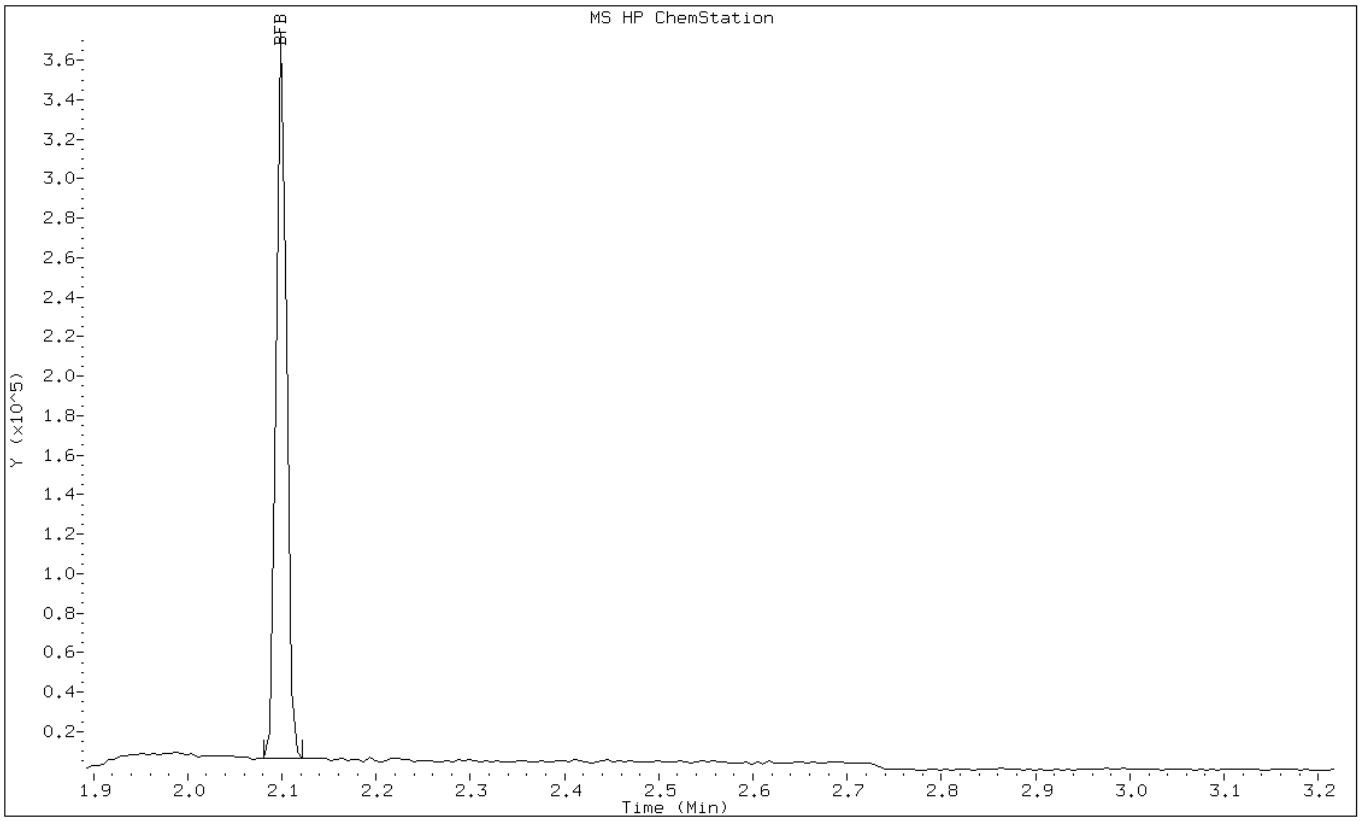
Date: 05-MAR-2010 06:49

Client ID:

Instrument: VOAMS4.i

Sample Info: BFB

Operator: VOAMS 1



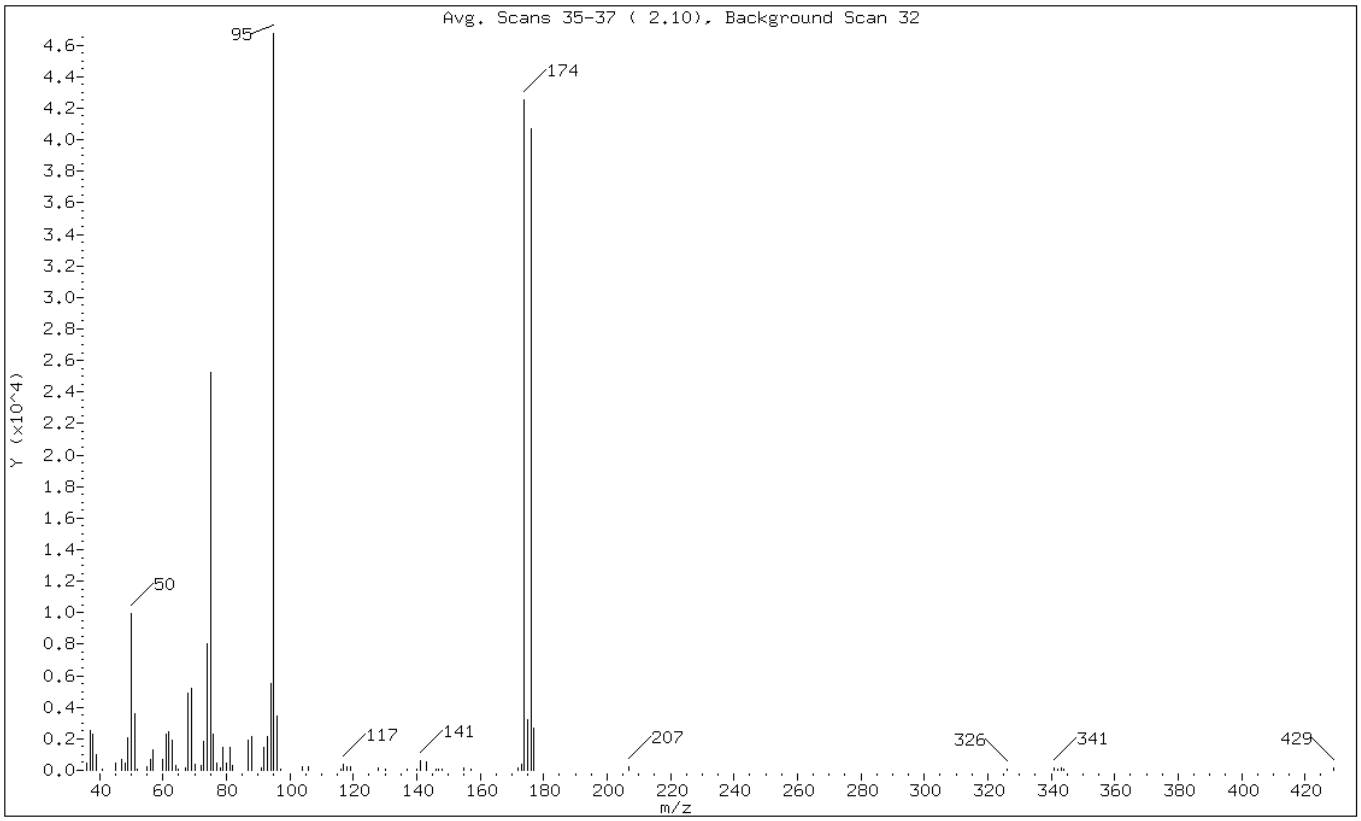
Data File: d16903.d

Date: 05-MAR-2010 06:49

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.22
75	30.00 - 60.00% of mass 95	53.99
96	5.00 - 9.00% of mass 95	7.39
173	Less than 2.00% of mass 174	0.76 (0.83)
174	50.00 - 100.00% of mass 95	90.97
175	5.00 - 9.00% of mass 174	6.85 (7.53)
176	95.00 - 101.00% of mass 174	87.04 (95.68)
177	5.00 - 9.00% of mass 176	5.65 (6.49)

Data File: d16903.d

Date: 05-MAR-2010 06:49

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16903.d
Spectrum: Avg. Scans 35-37 (2.10), Background Scan 32
Location of Maximum: 95.00
Number of points: 75

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	479	64.00	281	91.00	121	146.00	81
37.00	2560	65.00	66	92.00	1488	147.00	82
38.00	2283	67.00	129	93.00	2152	148.00	70
39.00	982	68.00	4874	94.00	5495	155.00	146
41.00	100	69.00	5165	95.00	46736	157.00	50
45.00	477	70.00	403	96.00	3453	172.00	142
47.00	670	72.00	317	97.00	64	173.00	355
48.00	461	73.00	1848	104.00	231	174.00	42520
49.00	2046	74.00	8051	106.00	211	175.00	3203
50.00	9917	75.00	25232	116.00	114	176.00	40680
51.00	3558	76.00	2264	117.00	404	177.00	2639
52.00	76	77.00	433	118.00	192	207.00	208
55.00	212	78.00	160	119.00	255	326.00	59
56.00	706	79.00	1441	128.00	168	341.00	152
57.00	1280	80.00	443	130.00	63	342.00	64
60.00	669	81.00	1430	137.00	76	343.00	139
61.00	2267	82.00	293	140.00	56	344.00	55
62.00	2430	87.00	1923	141.00	592	429.00	154
63.00	1933	88.00	2155	143.00	573		

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d16995.d
Report Date: 08-Mar-2010 11:16

TestAmerica

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d16995.d
Lab Smp Id: BFB
Inj Date : 08-MAR-2010 06:49
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/VOABFB.m
Meth Date : 28-Apr-2009 16:44 haitmane Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.099	2.200 (0.000)	95	47274			0.00- 100.00	100.00
2.099	2.200 (0.000)	50	10272			15.00- 40.00	21.73
2.099	2.200 (0.000)	75	25848			30.00- 60.00	54.68
2.099	2.200 (0.000)	96	3069			5.00- 9.00	6.49
2.099	2.200 (0.000)	173	341			0.00- 2.00	0.83
2.099	2.200 (0.000)	174	41117			50.00- 100.00	86.98
2.099	2.200 (0.000)	175	3363			5.00- 9.00	8.18
2.099	2.200 (0.000)	176	39250			95.00- 101.00	95.46
2.099	2.200 (0.000)	177	2472			5.00- 9.00	6.30

Data File: d16995.d

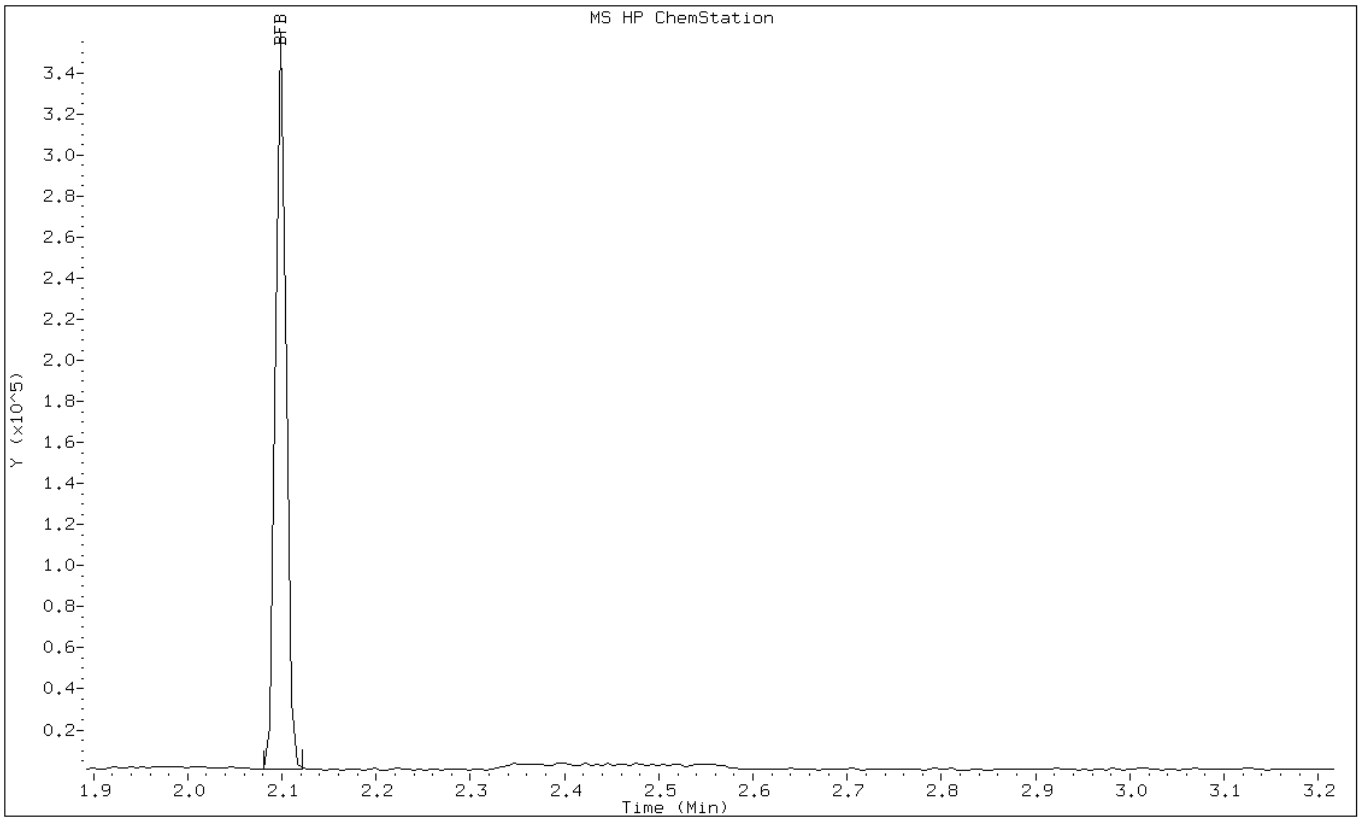
Date: 08-MAR-2010 06:49

Client ID:

Instrument: VOAMS4.i

Sample Info: BFB

Operator: VOAMS 1



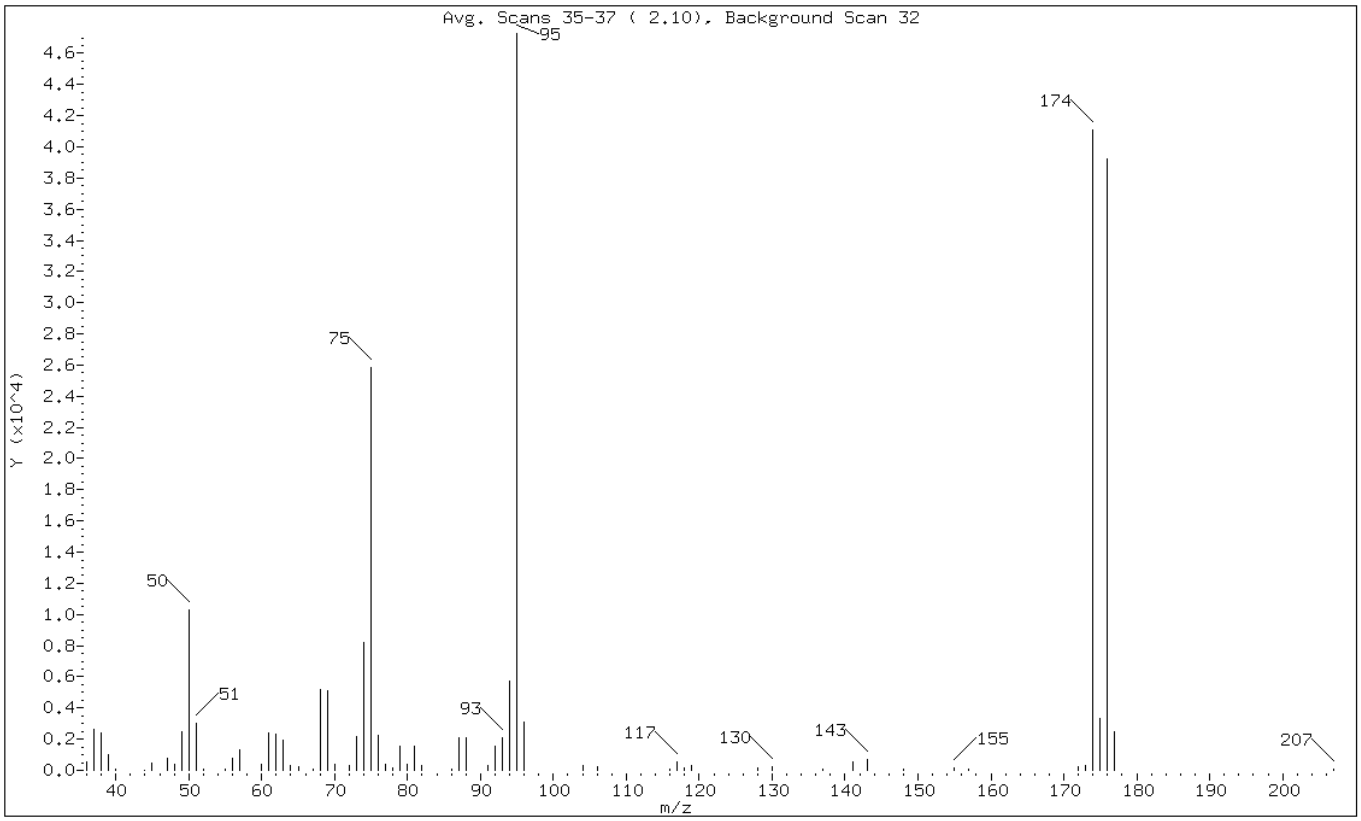
Data File: d16995.d

Date: 08-MAR-2010 06:49

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.73
75	30.00 - 60.00% of mass 95	54.68
96	5.00 - 9.00% of mass 95	6.49
173	Less than 2.00% of mass 174	0.72 (0.83)
174	50.00 - 100.00% of mass 95	86.98
175	5.00 - 9.00% of mass 174	7.11 (8.18)
176	95.00 - 101.00% of mass 174	83.03 (95.46)
177	5.00 - 9.00% of mass 176	5.23 (6.30)

Data File: d16995.d

Date: 08-MAR-2010 06:49

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d16995.d
Spectrum: Avg. Scans 35-37 (2.10), Background Scan 32
Location of Maximum: 95.00
Number of points: 67

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	544	61.00	2360	80.00	360	119.00	312
37.00	2667	62.00	2310	81.00	1538	128.00	141
38.00	2380	63.00	1912	82.00	323	130.00	206
39.00	1012	64.00	311	86.00	66	137.00	55
40.00	51	65.00	256	87.00	2113	141.00	507
44.00	26	67.00	66	88.00	2113	143.00	686
45.00	453	68.00	5149	91.00	283	148.00	51
47.00	758	69.00	5075	92.00	1512	155.00	118
48.00	351	70.00	394	93.00	2125	157.00	71
49.00	2442	72.00	289	94.00	5756	172.00	195
50.00	10272	73.00	2189	95.00	47272	173.00	341
51.00	3016	74.00	8218	96.00	3069	174.00	41112
52.00	83	75.00	25848	104.00	302	175.00	3363
55.00	79	76.00	2236	106.00	203	176.00	39248
56.00	745	77.00	360	116.00	79	177.00	2472
57.00	1315	78.00	124	117.00	505	207.00	40
60.00	418	79.00	1556	118.00	132		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-31311/4

Matrix: Water Lab File ID: d16907.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 08:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-31311/4

Matrix: Water Lab File ID: d16907.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 08:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91	70-122	
460-00-4	4-Bromofluorobenzene	94	69-135	
2037-26-5	Toluene-d8 (Surr)	95	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-31311/4

Matrix: Water Lab File ID: d16907.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 08:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16907.d
Report Date: 05-Mar-2010 08:47

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16907.d
Lab Smp Id: MB
Inj Date : 05-MAR-2010 08:33
Operator : Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.517	4.505	(0.945)	22156	45.6134	46
* 52 Fluorobenzene	96	4.782	4.776	(1.000)	475466	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.523	6.517	(0.801)	428320	47.4404	47
* 78 Chlorobenzene-d5	117	8.146	8.140	(1.000)	337963	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.211	9.205	(0.914)	146066	46.9861	47
* 108 1,4-Dichlorobenzene-d4	152	10.081	10.082	(1.000)	187286	50.0000	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16907.d
Report Date: 05-Mar-2010 08:47

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16907.d
Lab Smp Id: MB
Inj Date : 05-MAR-2010 08:33
Operator : Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

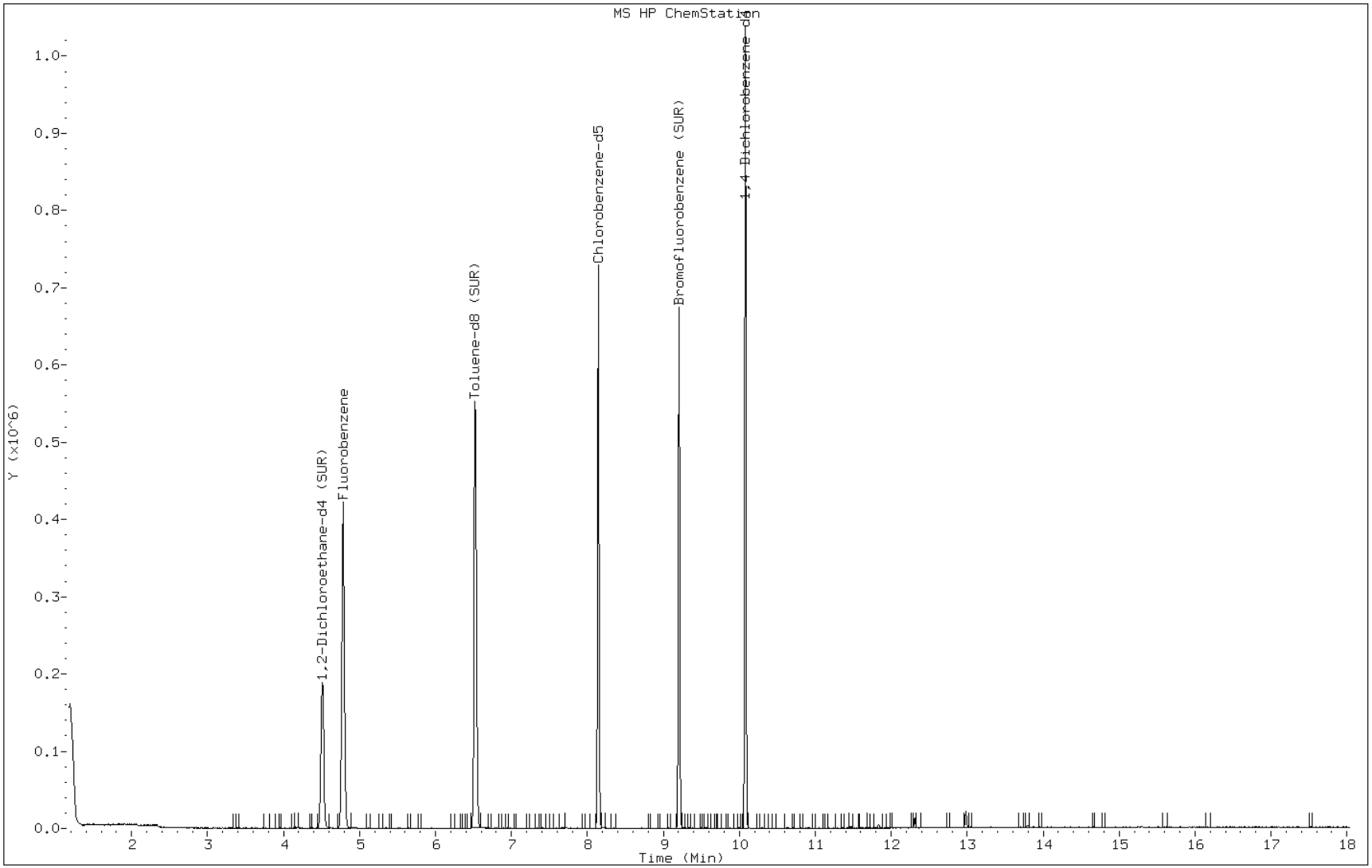
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d16907.d

Date: 05-MAR-2010 08:33

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-31440/3

Matrix: Water Lab File ID: d17000.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 09:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-31440/3

Matrix: Water Lab File ID: d17000.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 09:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108	70-122	
460-00-4	4-Bromofluorobenzene	107	69-135	
2037-26-5	Toluene-d8 (Surr)	107	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-31440/3

Matrix: Water Lab File ID: d17000.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 09:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17000.d
Report Date: 08-Mar-2010 09:47

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17000.d
Lab Smp Id: MB
Inj Date : 08-MAR-2010 09:32
Operator : Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 08-Mar-2010 08:22 desais Quant Type: ISTD
Cal Date : 08-MAR-2010 08:03 Cal File: d16997.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.505	4.505	(0.942)	19334	53.9219	54
* 52 Fluorobenzene	96	4.782	4.782	(1.000)	403798	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.523	6.523	(0.801)	373695	53.4260	53
* 78 Chlorobenzene-d5	117	8.146	8.140	(1.000)	285779	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.211	9.205	(0.914)	128746	53.6728	54
* 108 1,4-Dichlorobenzene-d4	152	10.081	10.081	(1.000)	159159	50.0000	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17000.d
Report Date: 08-Mar-2010 09:47

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17000.d
Lab Smp Id: MB
Inj Date : 08-MAR-2010 09:32
Operator : Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 08-Mar-2010 08:22 desais Quant Type: ISTD
Cal Date : 08-MAR-2010 08:03 Cal File: d16997.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d17000.d

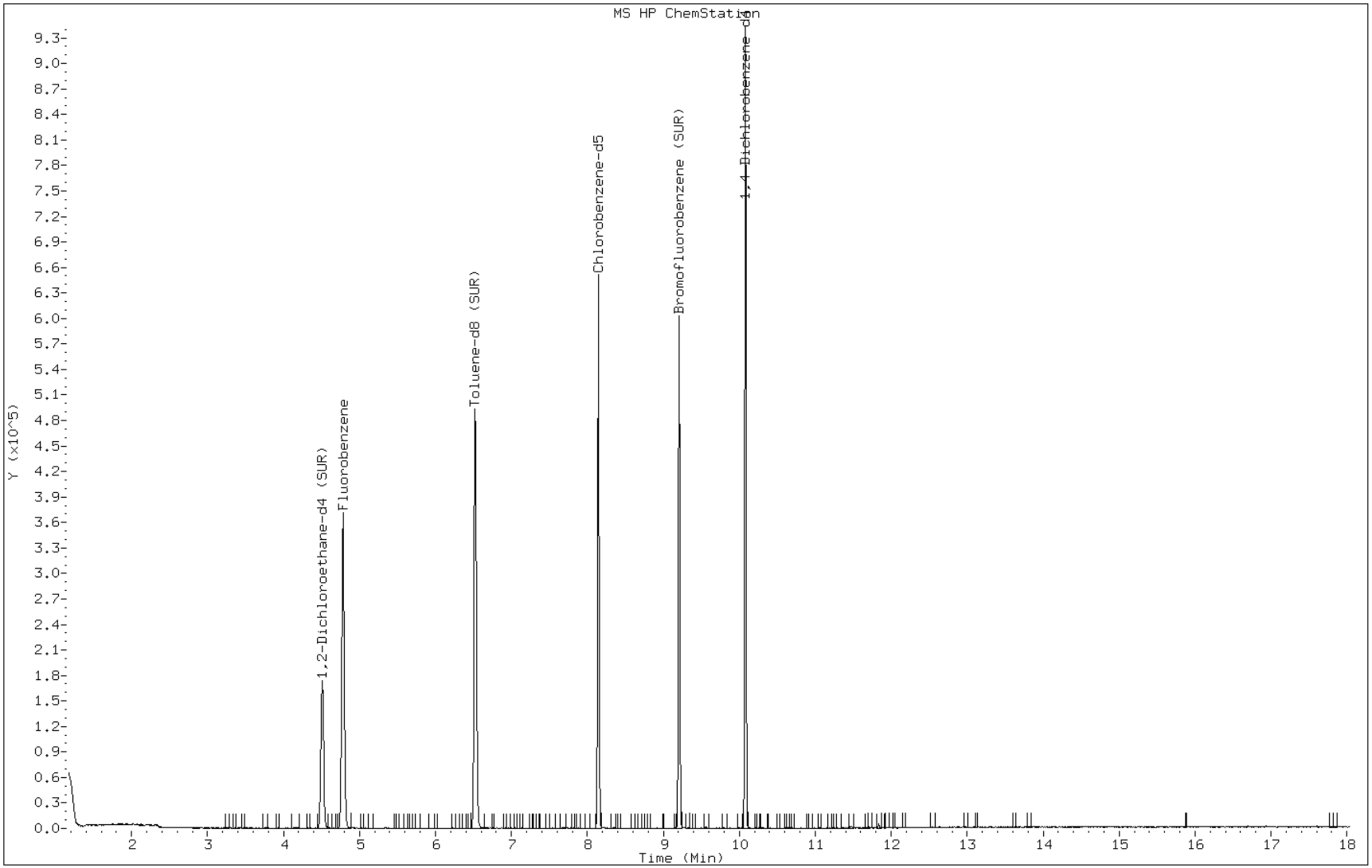
Date: 08-MAR-2010 09:32

Client ID:

Instrument: VOAMS4.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-31311/3

Matrix: Water Lab File ID: d16905.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 07:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.3		1.0	0.25
75-71-8	Dichlorodifluoromethane	22.6		1.0	0.29
74-87-3	Chloromethane	19.7		1.0	0.21
75-01-4	Vinyl chloride	22.8		1.0	0.13
74-83-9	Bromomethane	18.7		1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	19.9		1.0	0.15
95-50-1	1,2-Dichlorobenzene	19.5		1.0	0.16
75-69-4	Trichlorofluoromethane	20.5		1.0	0.16
75-35-4	1,1-Dichloroethene	18.8		1.0	0.14
78-87-5	1,2-Dichloropropane	19.7		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19.2		1.0	0.28
67-64-1	Acetone	23.9		10	2.5
75-15-0	Carbon disulfide	18.9		1.0	0.15
79-20-9	Methyl acetate	20.0		2.0	0.33
75-09-2	Methylene Chloride	18.2		1.0	0.19
156-60-5	trans-1,2-Dichloroethene	18.2		1.0	0.14
124-48-1	Chlorodibromomethane	20.5		1.0	0.11
1634-04-4	Methyl tert-butyl ether	19.0		1.0	0.18
75-00-3	Chloroethane	17.9		1.0	0.45
75-34-3	1,1-Dichloroethane	18.6		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	19.3		1.0	0.20
78-93-3	2-Butanone (MEK)	19.0		10	0.82
67-66-3	Chloroform	19.5		1.0	0.15
100-41-4	Ethylbenzene	20.4		1.0	0.25
110-82-7	Cyclohexane	20.3		1.0	0.13
56-23-5	Carbon tetrachloride	18.9		1.0	0.19
71-43-2	Benzene	19.2		1.0	0.13
107-06-2	1,2-Dichloroethane	19.2		1.0	0.24
79-01-6	Trichloroethene	19.7		1.0	0.18
108-87-2	Methylcyclohexane	19.1		1.0	0.090
75-27-4	Dichlorobromomethane	20.1		1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	19.1		1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	18.2		10	0.68
108-88-3	Toluene	19.6		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	19.5		1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-31311/3

Matrix: Water | Lab File ID: d16905.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/05/2010 07:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 31311 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	19.5		1.0	0.10
127-18-4	Tetrachloroethene	20.8		1.0	0.20
591-78-6	2-Hexanone	17.0		10	0.55
106-93-4	1,2-Dibromoethane	19.9		1.0	0.090
108-90-7	Chlorobenzene	19.6		1.0	0.16
1330-20-7	Xylenes, Total	62.0		3.0	0.43
100-42-5	Styrene	20.2		1.0	0.13
75-25-2	Bromoform	20.6		1.0	0.10
98-82-8	Isopropylbenzene	22.3		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	20.1		1.0	0.090
541-73-1	1,3-Dichlorobenzene	19.7		1.0	0.22
106-46-7	1,4-Dichlorobenzene	19.8		1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	20.2		1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87	70-122	
460-00-4	4-Bromofluorobenzene	93	69-135	
2037-26-5	Toluene-d8 (Surr)	94	69-125	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16905.d
Report Date: 05-Mar-2010 08:41

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16905.d
Lab Smp Id: LCS
Inj Date : 05-MAR-2010 07:44
Operator : Inst ID: VOAMS4.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.317	1.323	(0.276)	48631	22.5772	22
3 Chloromethane	50	1.411	1.406	(0.296)	123147	19.7171	20
4 Vinyl Chloride	62	1.482	1.482	(0.310)	103197	22.7577	23
6 Bromomethane	94	1.700	1.700	(0.356)	74575	18.6545	19
5 Chloroethane	64	1.794	1.776	(0.376)	57171	17.8540	18
7 Trichlorofluoromethane	101	1.829	1.823	(0.383)	105936	20.5028	20
8 n-Pentane	72	1.829	1.823	(0.383)	11358	19.2754	19
10 Isoprene	67	2.035	2.029	(0.426)	104169	19.9125	20
11 Ethyl Ether	59	2.047	2.041	(0.429)	64851	19.1079	19
13 Acrolein	56	2.423	2.423	(0.507)	26913	36.0213	36
15 1,1-Dichloroethene	96	2.182	2.176	(0.457)	51117	18.7651	19
14 Freon TF	101	2.235	2.247	(0.468)	48589	19.2446	19
16 Acetone	58	2.641	2.641	(0.553)	13624	23.8757	24
17 Iodomethane	142	2.282	2.276	(0.478)	111165	18.2499	18
18 Carbon Disulfide	76	2.199	2.194	(0.461)	228415	18.9167	19
19 Isopropanol	45	2.582	2.576	(0.541)	804536	3065.92	3100

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16905.d
Report Date: 05-Mar-2010 08:41

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	20 Allyl Chloride	76	2.199	2.194	(0.461)	228415	18.9167	19
	21 Acetonitrile	39	2.999	2.994	(0.628)	45384	417.486	420
	27 Methyl Acetate	74	2.741	2.729	(0.574)	17989	20.0296	20
	22 Methylene Chloride	84	2.599	2.594	(0.544)	68681	18.2335	18
	24 TBA	59	2.935	2.923	(0.614)	135584	362.868	360
	25 trans-1,2-Dichloroethene	96	2.717	2.711	(0.569)	68257	18.2438	18
	26 Acrylonitrile	53	3.241	3.241	(0.679)	32072	20.1132	20
	28 MTBE	73	2.823	2.823	(0.591)	189299	18.9761	19
	29 Hexane	56	2.770	2.770	(0.580)	58391	18.2944	18
	30 1,1-Dichloroethane	63	3.188	3.182	(0.667)	124011	18.6149	19
	31 Vinyl Acetate	43	3.405	3.400	(0.713)	117747	17.2073	17
	32 DIPE	45	3.105	3.111	(0.650)	235124	18.6654	19
	35 t-Butyl-ethyl-ether	59	3.405	3.400	(0.713)	290927	20.0695	20
	37 2,2-Dichloropropane	77	3.729	3.717	(0.781)	88493	21.0961	21
	36 cis-1,2-Dichloroethene	96	3.629	3.623	(0.760)	74126	19.2853	19
	38 2-Butanone	72	4.146	4.152	(0.868)	10634	19.0070	19
	39 Ethyl Acetate	70	3.988	3.988	(0.835)	12576	37.3924	37
	40 Bromochloromethane	128	3.788	3.788	(0.793)	37816	19.9559	20
	41 Tetrahydrofuran	42	3.993	3.994	(0.836)	29307	19.7732	20
	42 Chloroform	83	3.870	3.864	(0.810)	128721	19.4870	19
	43 1,1,1-Trichloroethane	97	4.041	4.035	(0.846)	107357	20.3218	20
	44 Cyclohexane	56	3.793	3.788	(0.794)	101045	20.2761	20
	45 Carbon Tetrachloride	117	3.976	3.982	(0.832)	101893	18.8778	19
	46 1,1-Dichloropropene	75	4.141	4.141	(0.867)	87976	20.1397	20
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.505	4.505	(0.943)	22207	43.2960	43
	48 Benzene	78	4.370	4.370	(0.537)	257334	19.1849	19
	49 1,2-Dichloroethane	62	4.570	4.570	(0.957)	94686	19.2143	19
	51 n-Heptane	57	4.364	4.352	(0.914)	42142	18.5753	18
	50 t-Amyl-methyl-ether	73	4.511	4.511	(0.945)	194124	19.7337	20
	61 Isopropyl Acetate	43	4.864	4.864	(1.018)	243497	36.9895	37
*	52 Fluorobenzene	96	4.776	4.776	(1.000)	502090	50.0000	
	54 Trichloroethene	95	4.940	4.941	(1.034)	66529	19.6893	20
	53 n-Butanol	56	5.376	5.376	(1.126)	126301	1553.34	1600
	56 Methyl cyclohexane	83	4.929	4.929	(1.032)	109906	19.0877	19
	55 Ethyl Acrylate	55	5.564	5.564	(1.165)	66648	19.5024	20
	57 1,2-Dichloropropane	63	5.487	5.488	(1.149)	67288	19.6951	20
	58 Dibromomethane	93	5.376	5.370	(1.126)	40687	19.5693	20
	60 1,4-Dioxane	88	5.805	5.805	(1.216)	116941	3088.27	3100
	59 Methyl Methacrylate	100	5.793	5.794	(1.213)	13983	18.0898	18
	75 Propyl Acetate	43	5.964	5.970	(1.249)	158379	36.6360	37
	68 Bromodichloromethane	83	5.570	5.576	(1.166)	90576	20.1059	20
	62 2-Chloroethyl Vinyl Ether	63	6.264	6.264	(1.312)	32427	18.7356	19
	63 Epichlorohydrin	57	6.617	6.617	(0.813)	113027	341.478	340
	67 cis-1,3-Dichloropropene	75	6.299	6.299	(0.774)	91838	19.1396	19
	70 4-Methyl-2-Pentanone	43	7.070	7.070	(0.868)	59006	18.1800	18
$	65 Toluene-d8 (SUR)	98	6.517	6.517	(0.801)	464498	46.9974	47
	66 Toluene	91	6.582	6.582	(0.809)	261301	19.5574	20

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16905.d
Report Date: 05-Mar-2010 08:41

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	64 trans-1,3-Dichloropropene	75	7.087	7.093	(0.871)	83807	19.4579	19
	69 1,1,2-Trichloroethane	83	7.252	7.252	(0.891)	44632	19.5030	20
	71 Tetrachloroethene	166	7.011	7.017	(0.861)	69059	20.7555	21
	72 1,3-Dichloropropane	76	7.523	7.523	(0.924)	85831	19.3552	19
	73 2-Hexanone	43	7.934	7.935	(0.975)	41287	17.0099	17
	74 Dibromochloromethane	129	7.423	7.423	(0.912)	61312	20.5462	20
	76 Butyl Acetate	73	7.870	7.870	(0.967)	26261	35.3817	35
	77 1,2-Dibromoethane	107	7.634	7.635	(0.938)	50570	19.9222	20
*	78 Chlorobenzene-d5	117	8.140	8.140	(1.000)	369963	50.0000	
	79 Chlorobenzene	112	8.158	8.158	(1.002)	160778	19.5992	20
	80 1,1,1,2-Tetrachloroethane	131	8.229	8.235	(1.011)	69815	19.5672	20
	81 Ethylbenzene	106	8.205	8.205	(1.008)	88337	20.4453	20
	82 m+p-Xylene	106	8.346	8.346	(1.025)	221432	40.9217	41
	84 o-Xylene	106	8.717	8.717	(1.071)	111261	21.0294	21
	85 Styrene	104	8.764	8.764	(1.077)	167618	20.1725	20
	83 Butyl Acrylate	73	8.923	8.923	(1.096)	41738	19.0517	19
	86 Bromoform	173	8.764	8.764	(1.077)	43048	20.6198	21
	87 Amyl Acetate	43	9.140	9.140	(0.907)	71203	21.2264	21
	88 Isopropylbenzene	105	8.993	8.993	(1.105)	323335	22.3352	22
$	89 Bromofluorobenzene (SUR)	174	9.205	9.205	(0.913)	169169	46.6672	47
	90 Camphene (total)	93	9.070	9.070	(1.114)	106167	19.6674	20
	91 Bromobenzene	156	9.275	9.276	(0.920)	74753	19.9108	20
	92 1,1,2,2-Tetrachloroethane	83	9.399	9.399	(0.932)	76312	20.0776	20
	93 1,2,3-Trichloropropane	110	9.487	9.487	(0.941)	22237	18.8989	19
	94 trans-1,4-Dichloro-2-butene	53	9.534	9.534	(0.946)	23054	19.1753	19
	95 n-Propylbenzene	91	9.328	9.329	(0.925)	365757	20.5026	20
	96 2-Chlorotoluene	91	9.434	9.435	(0.936)	217203	20.1673	20
	97 1,3,5-Trimethylbenzene	105	9.493	9.499	(0.942)	261860	20.4538	20
	98 4-Chlorotoluene	91	9.570	9.570	(0.949)	213543	20.2199	20
	99 Butyl Methacrylate	87	9.752	9.752	(0.967)	84205	19.2341	19
	100 tert-Butylbenzene	119	9.734	9.734	(0.966)	210504	20.7925	21
	101 1,2,4-Trimethylbenzene	105	9.793	9.793	(0.971)	271730	20.0181	20
	102 2-Octanone	43	10.199	10.199	(1.012)	141546	21.0611	21
	103 sec-Butylbenzene	105	9.875	9.876	(0.980)	341787	20.9180	21
	104 2-Octanol	45	10.081	10.082	(1.000)	33814	13.4520	13
	105 1,3-Dichlorobenzene	146	10.023	10.023	(0.994)	146967	19.7382	20
	107 p-Isopropyltoluene	119	9.987	9.993	(0.991)	285614	20.5680	20
*	108 1,4-Dichlorobenzene-d4	152	10.081	10.082	(1.000)	218391	50.0000	
	109 1,4-Dichlorobenzene	146	10.093	10.093	(1.001)	149016	19.8303	20
	110 Benzyl Chloride	91	10.305	10.305	(1.022)	418700	18.8371	19
	106 n-Butylbenzene	91	10.305	10.305	(1.022)	418700	18.8371	19
	111 1,2-Dichlorobenzene	146	10.405	10.405	(1.032)	145997	19.4856	19
	112 1,2-Dibromo-3-chloropropane	75	10.993	10.993	(1.090)	13977	19.8592	20
	113 Camphor	95	11.681	11.681	(1.159)	33104	90.4141	90
	114 1,2,4-Trichlorobenzene	180	11.475	11.476	(1.138)	109179	20.1818	20
	115 Hexachlorobutadiene	225	11.458	11.458	(1.137)	46888	16.2193	16
	116 Naphthalene	128	11.705	11.705	(1.161)	250528	20.5174	20

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16905.d
Report Date: 05-Mar-2010 08:41

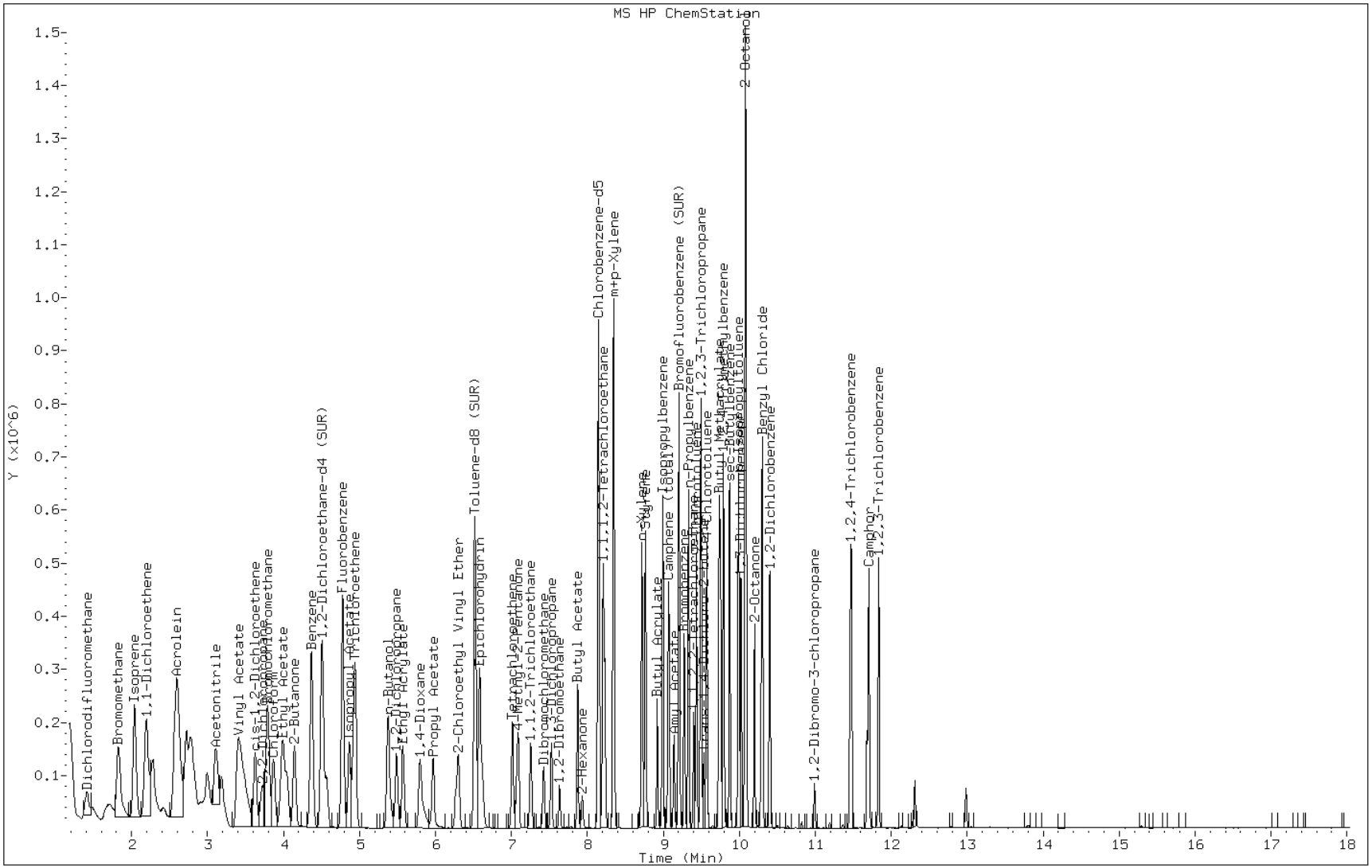
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
117 1,2,3-Trichlorobenzene	180	11.834	11.834	(1.174)	104709	20.5228	20
M 120 1,2-Dichloroethene (Total)	100				142383	37.5432	38
M 121 Xylene (Total)	100				332693	61.9511	62

Data File: d16905.d

Date: 05-MAR-2010 07:44

Client ID: Instrument: VOAMS4.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-31440/2

Matrix: Water Lab File ID: d16998.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 08:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.6		1.0	0.25
75-71-8	Dichlorodifluoromethane	17.2		1.0	0.29
74-87-3	Chloromethane	19.7		1.0	0.21
75-01-4	Vinyl chloride	16.7		1.0	0.13
74-83-9	Bromomethane	16.9		1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	21.9		1.0	0.15
95-50-1	1,2-Dichlorobenzene	20.1		1.0	0.16
75-69-4	Trichlorofluoromethane	15.1		1.0	0.16
75-35-4	1,1-Dichloroethene	19.9		1.0	0.14
78-87-5	1,2-Dichloropropane	20.1		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19.7		1.0	0.28
67-64-1	Acetone	19.0		10	2.5
75-15-0	Carbon disulfide	20.9		1.0	0.15
79-20-9	Methyl acetate	21.9		2.0	0.33
75-09-2	Methylene Chloride	19.5		1.0	0.19
156-60-5	trans-1,2-Dichloroethene	18.8		1.0	0.14
124-48-1	Chlorodibromomethane	20.4		1.0	0.11
1634-04-4	Methyl tert-butyl ether	21.2		1.0	0.18
75-00-3	Chloroethane	9.72		1.0	0.45
75-34-3	1,1-Dichloroethane	19.4		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	20.2		1.0	0.20
78-93-3	2-Butanone (MEK)	20.4		10	0.82
67-66-3	Chloroform	20.1		1.0	0.15
100-41-4	Ethylbenzene	19.9		1.0	0.25
110-82-7	Cyclohexane	20.8		1.0	0.13
56-23-5	Carbon tetrachloride	19.8		1.0	0.19
71-43-2	Benzene	19.4		1.0	0.13
107-06-2	1,2-Dichloroethane	20.1		1.0	0.24
79-01-6	Trichloroethene	20.0		1.0	0.18
108-87-2	Methylcyclohexane	20.3		1.0	0.090
75-27-4	Dichlorobromomethane	20.5		1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	19.5		1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	20.4		10	0.68
108-88-3	Toluene	20.0		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	20.8		1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-31440/2

Matrix: Water Lab File ID: d16998.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 08:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	20.1		1.0	0.10
127-18-4	Tetrachloroethene	20.4		1.0	0.20
591-78-6	2-Hexanone	18.2		10	0.55
106-93-4	1,2-Dibromoethane	20.4		1.0	0.090
108-90-7	Chlorobenzene	20.2		1.0	0.16
1330-20-7	Xylenes, Total	61.8		3.0	0.43
100-42-5	Styrene	20.8		1.0	0.13
75-25-2	Bromoform	21.6		1.0	0.10
98-82-8	Isopropylbenzene	21.4		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	20.8		1.0	0.090
541-73-1	1,3-Dichlorobenzene	19.6		1.0	0.22
106-46-7	1,4-Dichlorobenzene	20.0		1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	20.8		1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101	70-122	
460-00-4	4-Bromofluorobenzene	104	69-135	
2037-26-5	Toluene-d8 (Surr)	101	69-125	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d16998.d
Report Date: 11-Mar-2010 11:25

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d16998.d
Lab Smp Id: LCS
Inj Date : 08-MAR-2010 08:44
Operator : Inst ID: VOAMS4.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 11-Mar-2010 11:20 vibha Quant Type: ISTD
Cal Date : 08-MAR-2010 08:03 Cal File: d16997.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.317	1.323	(0.275)	38732	17.1706	17
3 Chloromethane	50	1.411	1.411	(0.295)	115231	19.6679	20
4 Vinyl Chloride	62	1.506	1.505	(0.315)	71835	16.6933	17
6 Bromomethane	94	1.711	1.705	(0.358)	55887	16.9379	17
5 Chloroethane	64	1.806	1.788	(0.378)	27154	9.72290	9.7(RH)
7 Trichlorofluoromethane	101	1.847	1.835	(0.386)	83359	15.1317	15
8 n-Pentane	72	1.823	1.829	(0.381)	9618	18.0396	18
10 Isoprene	67	2.041	2.035	(0.427)	93262	20.1571	20
11 Ethyl Ether	59	2.053	2.052	(0.429)	61779	21.4686	21
13 Acrolein	56	2.435	2.423	(0.509)	18392	28.8324	29
15 1,1-Dichloroethene	96	2.182	2.182	(0.456)	45168	19.9095	20
14 Freon TF	101	2.247	2.264	(0.470)	35559	19.6531	20
16 Acetone	58	2.653	2.641	(0.555)	8434	19.0469	19
17 Iodomethane	142	2.288	2.288	(0.478)	99759	20.6604	21
18 Carbon Disulfide	76	2.206	2.199	(0.461)	206419	20.8805	21
19 Isopropanol	45	2.582	2.576	(0.540)	820058	3395.55	3400

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d16998.d
Report Date: 11-Mar-2010 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	20 Allyl Chloride	76	2.206	2.199	(0.461)	206419	20.8805	21
	21 Acetonitrile	39	3.005	3.005	(0.629)	45448	430.101	430
	27 Methyl Acetate	74	2.741	2.741	(0.573)	16473	21.8901	22
	22 Methylene Chloride	84	2.605	2.605	(0.545)	63269	19.4761	19
	24 TBA	59	2.941	2.923	(0.615)	139530	436.802	440
	25 trans-1,2-Dichloroethene	96	2.717	2.723	(0.568)	62859	18.7898	19
	26 Acrylonitrile	53	3.241	3.241	(0.678)	30516	19.9887	20
	28 MTBE	73	2.829	2.829	(0.592)	167538	21.1699	21
	29 Hexane	56	2.770	2.770	(0.579)	53178	20.7587	21
	30 1,1-Dichloroethane	63	3.194	3.193	(0.668)	116563	19.3619	19
	31 Vinyl Acetate	43	3.405	3.405	(0.712)	112902	19.2989	19
	32 DIPE	45	3.117	3.111	(0.652)	223492	21.0132	21
	35 t-Butyl-ethyl-ether	59	3.400	3.399	(0.711)	276199	22.5599	22
	37 2,2-Dichloropropane	77	3.723	3.729	(0.779)	80848	20.2420	20
	36 cis-1,2-Dichloroethene	96	3.629	3.629	(0.759)	70770	20.1796	20
	38 2-Butanone	72	4.152	4.146	(0.868)	10477	20.4379	20
	39 Ethyl Acetate	70	3.994	3.988	(0.835)	11628	39.9712	40
	40 Bromochloromethane	128	3.800	3.793	(0.795)	35711	21.0036	21
	41 Tetrahydrofuran	42	4.000	3.999	(0.836)	27340	20.4125	20
	42 Chloroform	83	3.870	3.870	(0.809)	119426	20.0566	20
	43 1,1,1-Trichloroethane	97	4.041	4.040	(0.845)	98292	19.6128	20
	44 Cyclohexane	56	3.794	3.788	(0.793)	92898	20.7786	21
	45 Carbon Tetrachloride	117	3.988	3.970	(0.834)	101884	19.7964	20
	46 1,1-Dichloropropene	75	4.147	4.146	(0.867)	81583	19.7001	20
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.511	4.505	(0.943)	20547	50.4903	50
	48 Benzene	78	4.376	4.376	(0.538)	238315	19.4287	19
	49 1,2-Dichloroethane	62	4.570	4.570	(0.956)	91747	20.1121	20
	51 n-Heptane	57	4.358	4.358	(0.911)	38092	19.8762	20
	50 t-Amyl-methyl-ether	73	4.511	4.511	(0.943)	181050	21.8708	22
	61 Isopropyl Acetate	43	4.870	4.864	(1.018)	233045	40.0036	40
*	52 Fluorobenzene	96	4.782	4.782	(1.000)	458298	50.0000	
	54 Trichloroethene	95	4.941	4.946	(1.033)	60907	20.0012	20
	53 n-Butanol	56	5.382	5.370	(1.125)	129637	1696.99	1700
	56 Methyl cyclohexane	83	4.929	4.935	(1.031)	100283	20.2884	20
	55 Ethyl Acrylate	55	5.564	5.570	(1.164)	64682	21.3844	21
	57 1,2-Dichloropropane	63	5.494	5.487	(1.149)	62554	20.1185	20
	58 Dibromomethane	93	5.376	5.376	(1.124)	39219	20.9044	21
	60 1,4-Dioxane	88	5.805	5.805	(1.214)	116520	3634.05	3600
	59 Methyl Methacrylate	100	5.799	5.793	(1.213)	13443	20.9321	21
	75 Propyl Acetate	43	5.970	5.970	(1.248)	154131	40.8032	41
	68 Bromodichloromethane	83	5.582	5.576	(1.167)	85996	20.5407	20
	62 2-Chloroethyl Vinyl Ether	63	6.270	6.270	(1.311)	31967	20.2930	20
	63 Epichlorohydrin	57	6.617	6.617	(0.813)	111645	386.608	390
	67 cis-1,3-Dichloropropene	75	6.305	6.299	(0.775)	85909	19.5055	20
	70 4-Methyl-2-Pentanone	43	7.070	7.070	(0.868)	57212	20.3812	20
$	65 Toluene-d8 (SUR)	98	6.523	6.523	(0.801)	422869	50.5034	50
	66 Toluene	91	6.582	6.582	(0.809)	247198	19.9576	20

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d16998.d
Report Date: 11-Mar-2010 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	64 trans-1,3-Dichloropropene	75	7.088	7.087	(0.871)	82249	20.8111	21
	69 1,1,2-Trichloroethane	83	7.258	7.252	(0.892)	40996	20.1385	20
	71 Tetrachloroethene	166	7.017	7.017	(0.862)	62670	20.3571	20
	72 1,3-Dichloropropane	76	7.529	7.529	(0.925)	84473	21.2042	21
	73 2-Hexanone	43	7.935	7.934	(0.975)	39275	18.2454	18
	74 Dibromochloromethane	129	7.423	7.423	(0.912)	57251	20.4326	20
	76 Butyl Acetate	73	7.870	7.870	(0.967)	25105	38.9219	39
	77 1,2-Dibromoethane	107	7.635	7.634	(0.938)	47675	20.4095	20
*	78 Chlorobenzene-d5	117	8.140	8.140	(1.000)	342098	50.0000	
	79 Chlorobenzene	112	8.158	8.158	(1.002)	148967	20.1546	20
	80 1,1,1,2-Tetrachloroethane	131	8.229	8.228	(1.011)	66240	20.4153	20
	81 Ethylbenzene	106	8.205	8.205	(1.008)	81415	19.8661	20
	82 m+p-Xylene	106	8.346	8.346	(1.025)	207465	40.9899	41
	84 o-Xylene	106	8.717	8.717	(1.071)	103914	20.7631	21
	85 Styrene	104	8.764	8.764	(1.077)	159497	20.7747	21
	83 Butyl Acrylate	73	8.923	8.923	(1.096)	40059	21.4297	21(R)
	86 Bromoform	173	8.764	8.764	(1.077)	40351	21.5505	22
	87 Amyl Acetate	43	9.140	9.140	(0.907)	68542	24.2814	24
	88 Isopropylbenzene	105	8.993	8.993	(1.105)	293616	21.3699	21
$	89 Bromofluorobenzene (SUR)	174	9.205	9.205	(0.913)	155790	52.1927	52
	90 Camphene (total)	93	9.070	9.070	(1.114)	96105	19.8587	20
	91 Bromobenzene	156	9.276	9.275	(0.920)	69633	20.2467	20
	92 1,1,2,2-Tetrachloroethane	83	9.399	9.399	(0.932)	71239	20.7936	21
	93 1,2,3-Trichloropropane	110	9.487	9.487	(0.941)	22535	21.4942	21
	94 trans-1,4-Dichloro-2-butene	53	9.534	9.534	(0.946)	22364	21.0041	21
	95 n-Propylbenzene	91	9.329	9.328	(0.925)	339536	19.9924	20
	96 2-Chlorotoluene	91	9.434	9.434	(0.936)	202580	19.9274	20
	97 1,3,5-Trimethylbenzene	105	9.493	9.493	(0.942)	243483	20.0897	20
	98 4-Chlorotoluene	91	9.570	9.570	(0.949)	203863	20.5696	20
	99 Butyl Methacrylate	87	9.752	9.752	(0.967)	79281	20.9270	21
	100 tert-Butylbenzene	119	9.734	9.734	(0.966)	195595	19.9526	20
	101 1,2,4-Trimethylbenzene	105	9.793	9.793	(0.971)	257305	20.0602	20
	102 2-Octanone	43	10.199	10.199	(1.012)	116087	20.6949	21
	103 sec-Butylbenzene	105	9.876	9.875	(0.980)	310105	19.4606	19
	104 2-Octanol	45	10.081	10.081	(1.000)	30636	16.8151	17(R)
	105 1,3-Dichlorobenzene	146	10.023	10.022	(0.994)	135187	19.6218	20
	107 p-Isopropyltoluene	119	9.993	9.993	(0.991)	265302	20.2521	20
*	108 1,4-Dichlorobenzene-d4	152	10.081	10.081	(1.000)	198053	50.0000	
	109 1,4-Dichlorobenzene	146	10.093	10.093	(1.001)	138289	19.9661	20
	110 Benzyl Chloride	91	10.305	10.305	(1.022)	391572	19.7775	20
	106 n-Butylbenzene	91	10.305	10.305	(1.022)	391572	19.7775	20
	111 1,2-Dichlorobenzene	146	10.405	10.405	(1.032)	136519	20.0743	20
	112 1,2-Dibromo-3-chloropropane	75	10.993	10.993	(1.090)	14499	21.8802	22
	113 Camphor	95	11.681	11.681	(1.159)	30518	99.0168	99
	114 1,2,4-Trichlorobenzene	180	11.476	11.475	(1.138)	103278	20.7648	21
	115 Hexachlorobutadiene	225	11.458	11.458	(1.137)	42011	18.7723	19
	116 Naphthalene	128	11.705	11.705	(1.161)	239588	21.2500	21

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d16998.d
Report Date: 11-Mar-2010 11:25

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
117 1,2,3-Trichlorobenzene	180	11.834	11.834	(1.174)	99208	20.6239	21
M 120 1,2-Dichloroethene (Total)	100				133629	39.0022	39
M 121 Xylene (Total)	100				311379	61.7529	62

QC Flag Legend

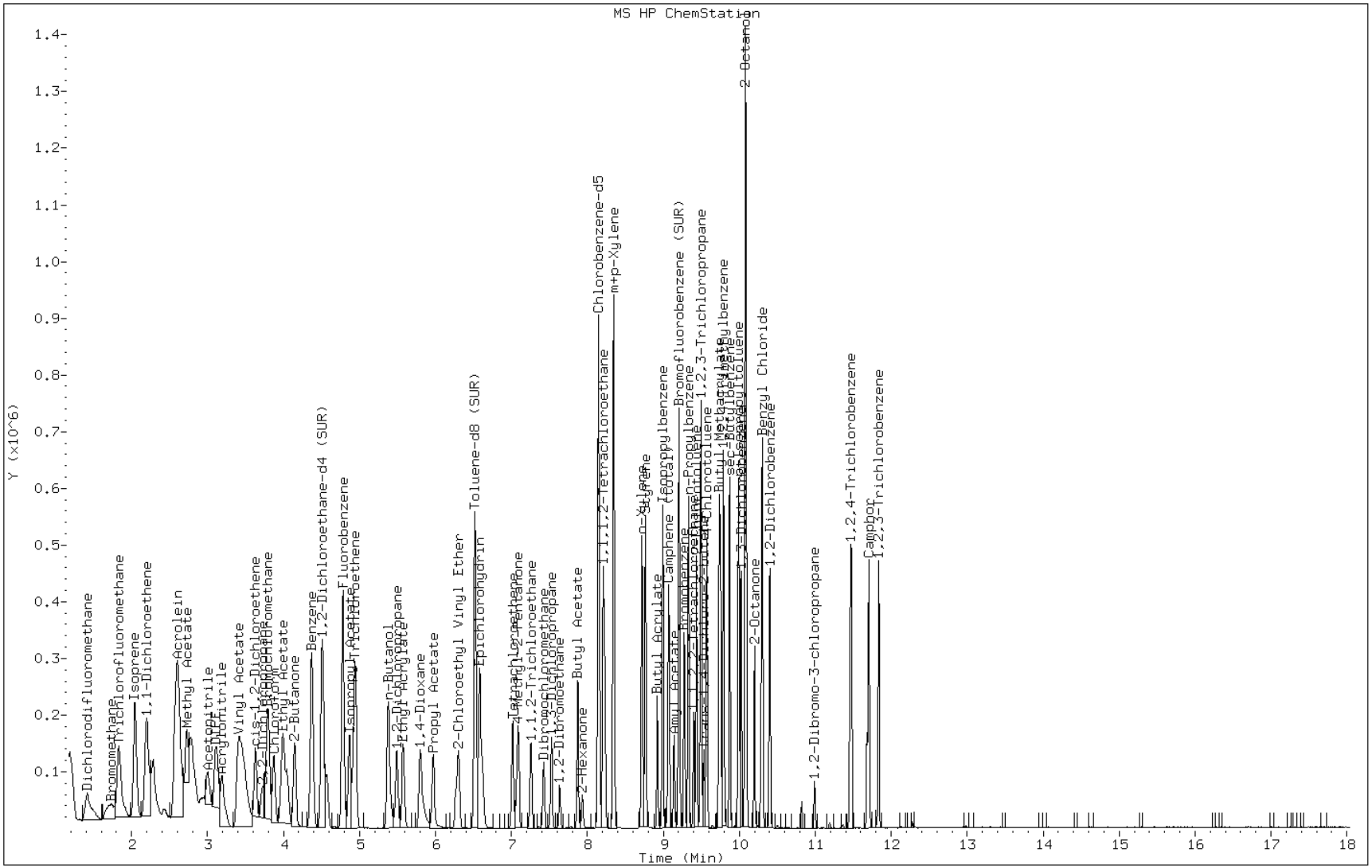
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: d16998.d

Date: 08-MAR-2010 08:44

Client ID: Instrument: VOAMS4.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-003 Lab Sample ID: 460-10889-3 MS

Matrix: Water Lab File ID: d16915.d

Analysis Method: 8260B Date Collected: 03/01/2010 14:00

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 11:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.1		1.0	0.25
75-71-8	Dichlorodifluoromethane	22.8		1.0	0.29
74-87-3	Chloromethane	18.8		1.0	0.21
75-01-4	Vinyl chloride	20.1		1.0	0.13
74-83-9	Bromomethane	18.6		1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	25.6		1.0	0.15
95-50-1	1,2-Dichlorobenzene	21.1		1.0	0.16
75-69-4	Trichlorofluoromethane	19.0		1.0	0.16
75-35-4	1,1-Dichloroethene	18.2		1.0	0.14
78-87-5	1,2-Dichloropropane	20.5		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18.5		1.0	0.28
67-64-1	Acetone	21.4		10	2.5
75-15-0	Carbon disulfide	18.1		1.0	0.15
79-20-9	Methyl acetate	21.8		2.0	0.33
75-09-2	Methylene Chloride	17.0		1.0	0.19
156-60-5	trans-1,2-Dichloroethene	18.1		1.0	0.14
124-48-1	Chlorodibromomethane	20.7		1.0	0.11
1634-04-4	Methyl tert-butyl ether	21.9		1.0	0.18
75-00-3	Chloroethane	18.0		1.0	0.45
75-34-3	1,1-Dichloroethane	18.5		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	19.4		1.0	0.20
78-93-3	2-Butanone (MEK)	20.6		10	0.82
67-66-3	Chloroform	19.6		1.0	0.15
100-41-4	Ethylbenzene	21.2		1.0	0.25
110-82-7	Cyclohexane	23.0		1.0	0.13
56-23-5	Carbon tetrachloride	19.0		1.0	0.19
71-43-2	Benzene	21.1		1.0	0.13
107-06-2	1,2-Dichloroethane	20.0		1.0	0.24
79-01-6	Trichloroethene	20.2		1.0	0.18
108-87-2	Methylcyclohexane	28.9		1.0	0.090
75-27-4	Dichlorobromomethane	20.5		1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	19.2		1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	22.3		10	0.68
108-88-3	Toluene	20.3		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	20.5		1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-003 | Lab Sample ID: 460-10889-3 MS

Matrix: Water | Lab File ID: d16915.d

Analysis Method: 8260B | Date Collected: 03/01/2010 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/05/2010 11:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 31311 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	27.4		1.0	0.10
127-18-4	Tetrachloroethene	20.5		1.0	0.20
591-78-6	2-Hexanone	20.7		10	0.55
106-93-4	1,2-Dibromoethane	21.6		1.0	0.090
108-90-7	Chlorobenzene	21.4		1.0	0.16
1330-20-7	Xylenes, Total	63.7		3.0	0.43
100-42-5	Styrene	20.3		1.0	0.13
75-25-2	Bromoform	21.5		1.0	0.10
98-82-8	Isopropylbenzene	26.9		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	23.2		1.0	0.090
541-73-1	1,3-Dichlorobenzene	20.4		1.0	0.22
106-46-7	1,4-Dichlorobenzene	20.7		1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	22.9		1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88	70-122	
460-00-4	4-Bromofluorobenzene	96	69-135	
2037-26-5	Toluene-d8 (Surr)	94	69-125	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16915.d
Report Date: 05-Mar-2010 12:59

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16915.d
Lab Smp Id: 460-10889-A-3 MS Client Smp ID: GW-017338-030110-AC
Inj Date : 05-MAR-2010 11:58
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-A-3 MS
Misc Info : 460-10889-A-3 MS
Comment   :
Method   : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 12 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.300	1.323	(0.272)	47042	22.7728	23
3 Chloromethane	50	1.406	1.406	(0.294)	112714	18.8176	19
4 Vinyl Chloride	62	1.494	1.482	(0.313)	87237	20.0599	20
6 Bromomethane	94	1.694	1.700	(0.355)	71462	18.6396	19
5 Chloroethane	64	1.794	1.776	(0.376)	55251	17.9916	18
7 Trichlorofluoromethane	101	1.817	1.823	(0.380)	94196	19.0095	19
8 n-Pentane	72	1.817	1.823	(0.380)	10421	18.4407	18
10 Isoprene	67	2.029	2.029	(0.425)	96844	19.3033	19
11 Ethyl Ether	59	2.041	2.041	(0.427)	62828	19.3024	19
13 Acrolein	56	2.423	2.423	(0.507)	26714	37.2826	37
15 1,1-Dichloroethene	96	2.176	2.176	(0.456)	47471	18.1714	18
14 Freon TF	101	2.235	2.247	(0.468)	44871	18.5311	18
16 Acetone	58	2.641	2.641	(0.553)	11732	21.4385	21
17 Iodomethane	142	2.276	2.276	(0.477)	99474	17.0282	17
18 Carbon Disulfide	76	2.194	2.194	(0.459)	209224	18.0676	18
19 Isopropanol	45	2.576	2.576	(0.539)	906561	3602.29	3600

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16915.d
Report Date: 05-Mar-2010 12:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	20 Allyl Chloride	76	2.194	2.194	(0.459)	209224	18.0676	18
	21 Acetonitrile	39	3.000	2.994	(0.628)	54074	518.677	520(R)
	27 Methyl Acetate	74	2.735	2.729	(0.573)	18787	21.8120	22
	22 Methylene Chloride	84	2.594	2.594	(0.543)	61418	17.0019	17
	24 TBA	59	2.935	2.923	(0.614)	163236	455.535	460(R)
	25 trans-1,2-Dichloroethene	96	2.711	2.711	(0.568)	65066	18.1339	18
	26 Acrylonitrile	53	3.229	3.241	(0.676)	32796	21.4462	21
	28 MTBE	73	2.823	2.823	(0.591)	209391	21.8869	22
	29 Hexane	56	2.764	2.770	(0.579)	54602	17.8382	18
	30 1,1-Dichloroethane	63	3.188	3.182	(0.667)	118268	18.5113	18
	31 Vinyl Acetate	43	3.400	3.400	(0.712)	113958	17.3650	17
	32 DIPE	45	3.105	3.111	(0.650)	234796	19.4356	19
	35 t-Butyl-ethyl-ether	59	3.405	3.400	(0.713)	290791	20.9171	21
	37 2,2-Dichloropropane	77	3.711	3.717	(0.777)	79774	19.8300	20
	36 cis-1,2-Dichloroethene	96	3.623	3.623	(0.759)	71620	19.4292	19
	38 2-Butanone	72	4.147	4.152	(0.868)	11078	20.6474	21
	39 Ethyl Acetate	70	3.994	3.988	(0.836)	14279	44.2690	44
	40 Bromochloromethane	128	3.788	3.788	(0.793)	36456	20.0598	20
	41 Tetrahydrofuran	42	4.000	3.994	(0.837)	33135	23.3109	23(R)
	42 Chloroform	83	3.870	3.864	(0.810)	124354	19.6300	20
	43 1,1,1-Trichloroethane	97	4.041	4.035	(0.846)	101584	20.0504	20
	44 Cyclohexane	56	3.788	3.788	(0.793)	109893	22.9936	23
	45 Carbon Tetrachloride	117	3.976	3.982	(0.832)	98267	18.9837	19
	46 1,1-Dichloropropene	75	4.141	4.141	(0.867)	86512	20.6506	21
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.505	4.505	(0.943)	21558	43.8257	44
	48 Benzene	78	4.370	4.370	(0.537)	279781	21.0560	21
	49 1,2-Dichloroethane	62	4.570	4.570	(0.957)	94602	20.0173	20
	51 n-Heptane	57	4.358	4.352	(0.913)	40300	18.5220	18
	50 t-Amyl-methyl-ether	73	4.511	4.511	(0.945)	187439	19.8682	20
	61 Isopropyl Acetate	43	4.864	4.864	(1.018)	268460	42.5238	42
*	52 Fluorobenzene	96	4.776	4.776	(1.000)	481520	50.0000	
	54 Trichloroethene	95	4.941	4.941	(1.034)	65464	20.2018	20
	53 n-Butanol	56	5.376	5.376	(1.126)	152654	1957.65	2000(R)
	56 Methyl cyclohexane	83	4.929	4.929	(1.032)	159712	28.9225	29(R)
	55 Ethyl Acrylate	55	5.564	5.564	(1.165)	74128	22.6179	23(R)
	57 1,2-Dichloropropane	63	5.494	5.488	(1.150)	67304	20.5414	20
	58 Dibromomethane	93	5.376	5.370	(1.126)	42489	21.3092	21
	60 1,4-Dioxane	88	5.811	5.805	(1.217)	118298	3257.58	3200
	59 Methyl Methacrylate	100	5.794	5.794	(1.213)	15265	20.5915	20
	75 Propyl Acetate	43	5.970	5.970	(1.250)	181203	43.7063	44
	68 Bromodichloromethane	83	5.576	5.576	(1.167)	88549	20.4955	20
	63 Epichlorohydrin	57	6.617	6.617	(0.813)	88795	270.811	270
	67 cis-1,3-Dichloropropene	75	6.305	6.299	(0.775)	91055	19.1564	19
	70 4-Methyl-2-Pentanone	43	7.070	7.070	(0.868)	71792	22.3291	22
$	65 Toluene-d8 (SUR)	98	6.523	6.517	(0.801)	461400	47.1265	47
	66 Toluene	91	6.582	6.582	(0.809)	269169	20.3372	20
	64 trans-1,3-Dichloropropene	75	7.093	7.093	(0.871)	87326	20.4671	20

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16915.d
Report Date: 05-Mar-2010 12:59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	69 1,1,2-Trichloroethane	83	7.252	7.252	(0.891)	62133	27.4076	27(R)
	71 Tetrachloroethene	166	7.017	7.017	(0.862)	67476	20.4721	20
	72 1,3-Dichloropropane	76	7.529	7.523	(0.925)	91008	20.7170	21
	73 2-Hexanone	43	7.935	7.935	(0.975)	49805	20.7134	21
	74 Dibromochloromethane	129	7.423	7.423	(0.912)	61085	20.6642	21
	76 Butyl Acetate	73	7.870	7.870	(0.967)	28958	39.3858	39
	77 1,2-Dibromoethane	107	7.635	7.635	(0.938)	54332	21.6075	22
*	78 Chlorobenzene-d5	117	8.140	8.140	(1.000)	366490	50.0000	
	79 Chlorobenzene	112	8.158	8.158	(1.002)	174203	21.4370	21
	80 1,1,1,2-Tetrachloroethane	131	8.229	8.235	(1.011)	68869	19.4849	19
	81 Ethylbenzene	106	8.205	8.205	(1.008)	90824	21.2202	21
	82 m+p-Xylene	106	8.346	8.346	(1.025)	225747	42.1144	42
	84 o-Xylene	106	8.717	8.717	(1.071)	113357	21.6287	22
	85 Styrene	104	8.764	8.764	(1.077)	166717	20.2541	20
	83 Butyl Acrylate	73	8.923	8.923	(1.096)	46259	21.3156	21
	86 Bromoform	173	8.764	8.764	(1.077)	44403	21.4706	21
	87 Amyl Acetate	43	9.140	9.140	(0.907)	77354	24.4281	24
	88 Isopropylbenzene	105	8.993	8.993	(1.105)	385753	26.8995	27(R)
$	89 Bromofluorobenzene (SUR)	174	9.205	9.205	(0.913)	164697	48.1293	48
	90 Camphene (total)	93	9.070	9.070	(1.114)	20902	3.90880	3.9(R)
	91 Bromobenzene	156	9.276	9.276	(0.920)	74849	21.1192	21
	92 1,1,2,2-Tetrachloroethane	83	9.399	9.399	(0.932)	83322	23.2228	23
	93 1,2,3-Trichloropropane	110	9.487	9.487	(0.941)	24789	22.3184	22
	94 trans-1,4-Dichloro-2-butene	53	9.534	9.534	(0.946)	24617	21.6904	22
	95 n-Propylbenzene	91	9.329	9.329	(0.925)	385420	22.8868	23
	96 2-Chlorotoluene	91	9.434	9.435	(0.936)	218727	21.5138	22
	97 1,3,5-Trimethylbenzene	105	9.493	9.499	(0.942)	269911	22.3336	22
	98 4-Chlorotoluene	91	9.570	9.570	(0.949)	216485	21.7148	22
	99 Butyl Methacrylate	87	9.752	9.752	(0.967)	86826	21.0096	21
	100 tert-Butylbenzene	119	9.734	9.734	(0.966)	216430	22.6462	23
	101 1,2,4-Trimethylbenzene	105	9.793	9.793	(0.971)	288170	22.4888	22
	102 2-Octanone	43	10.199	10.199	(1.012)	149804	23.6125	24
	103 sec-Butylbenzene	105	9.876	9.876	(0.980)	374347	24.2702	24
	104 2-Octanol	45	10.082	10.082	(1.000)	60872	25.6530	26(R)
	105 1,3-Dichlorobenzene	146	10.023	10.023	(0.994)	143584	20.4280	20
	107 p-Isopropyltoluene	119	9.993	9.993	(0.991)	290390	22.1527	22
*	108 1,4-Dichlorobenzene-d4	152	10.082	10.082	(1.000)	206159	50.0000	
	109 1,4-Dichlorobenzene	146	10.093	10.093	(1.001)	146634	20.6710	21
	110 Benzyl Chloride	91	10.305	10.305	(1.022)	517449	24.6611	25
	106 n-Butylbenzene	91	10.305	10.305	(1.022)	517449	24.6611	25
	111 1,2-Dichlorobenzene	146	10.405	10.405	(1.032)	149433	21.1275	21
	112 1,2-Dibromo-3-chloropropane	75	10.993	10.993	(1.090)	17028	25.6307	26(R)
	113 Camphor	95	11.681	11.681	(1.159)	56183	162.551	160(R)
	114 1,2,4-Trichlorobenzene	180	11.476	11.476	(1.138)	117001	22.9108	23
	115 Hexachlorobutadiene	225	11.458	11.458	(1.137)	48559	17.7942	18
	116 Naphthalene	128	11.705	11.705	(1.161)	2306519	200.104	200(R)
	117 1,2,3-Trichlorobenzene	180	11.834	11.834	(1.174)	110436	22.9295	23

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16915.d
Report Date: 05-Mar-2010 12:59

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
M 120 1,2-Dichloroethene (Total)	100				136686	37.5805	38
M 121 Xylene (Total)	100				339104	63.7431	64

QC Flag Legend

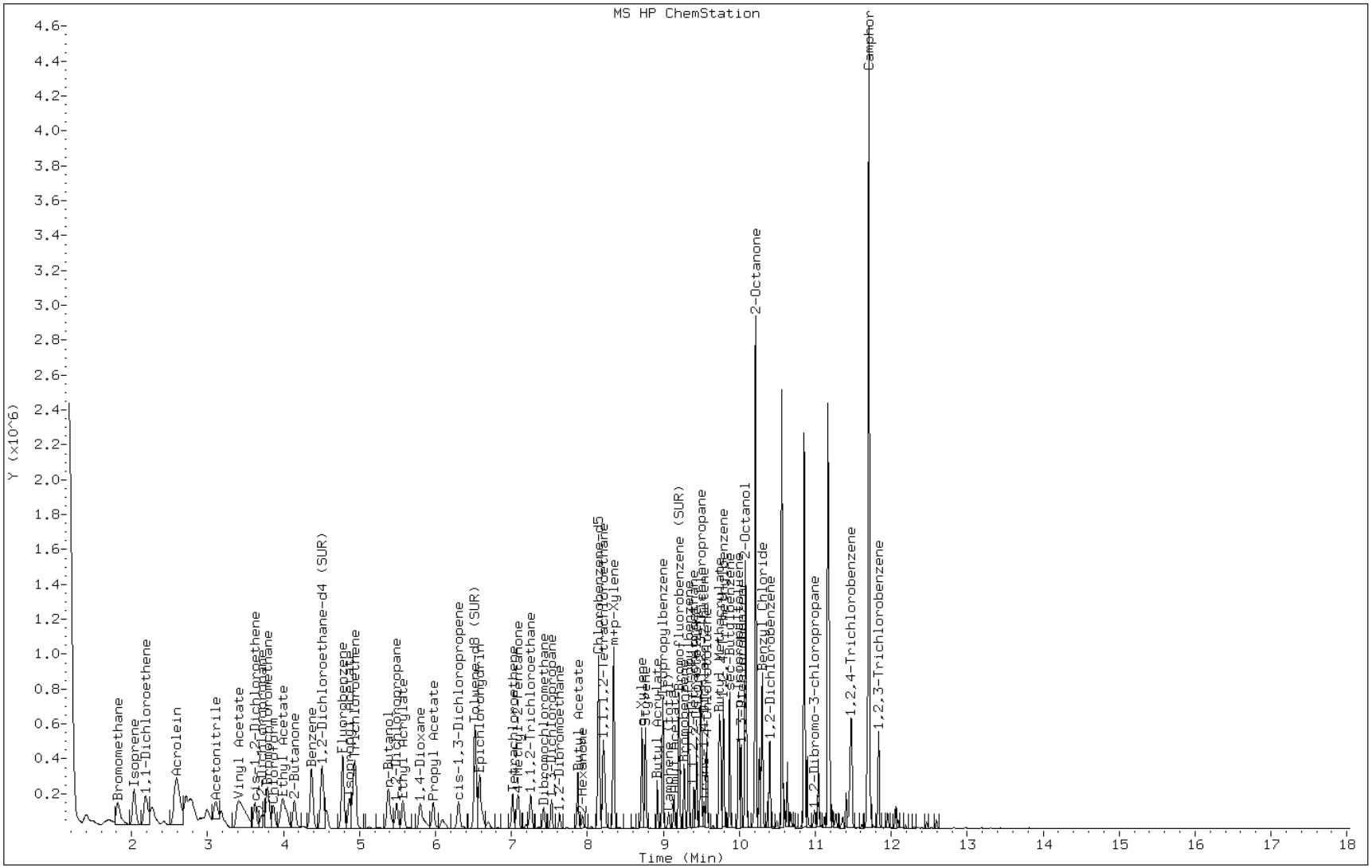
R - Spike/Surrogate failed recovery limits.

Data File: d16915.d

Date: 05-MAR-2010 11:58

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-3 MS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-021 | Lab Sample ID: 460-10889-21 MS

Matrix: GW | Lab File ID: d17002.d

Analysis Method: 8260B | Date Collected: 03/03/2010 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/08/2010 10:33

Soil Aliquot Vol: | Dilution Factor: 50

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 31440 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	921		50	12
75-71-8	Dichlorodifluoromethane	559		50	14
74-87-3	Chloromethane	944		50	10
75-01-4	Vinyl chloride	662		50	6.5
74-83-9	Bromomethane	1030		50	16
96-12-8	1,2-Dibromo-3-Chloropropane	981		50	7.5
95-50-1	1,2-Dichlorobenzene	964		50	8.0
75-69-4	Trichlorofluoromethane	954		50	8.0
75-35-4	1,1-Dichloroethene	928		50	7.0
78-87-5	1,2-Dichloropropane	932		50	4.5
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	755		50	14
67-64-1	Acetone	982		500	120
75-15-0	Carbon disulfide	818		50	7.5
79-20-9	Methyl acetate	803		100	16
75-09-2	Methylene Chloride	847		50	9.5
156-60-5	trans-1,2-Dichloroethene	862		50	7.0
124-48-1	Chlorodibromomethane	946		50	5.5
1634-04-4	Methyl tert-butyl ether	742		50	9.0
75-00-3	Chloroethane	487		50	22
75-34-3	1,1-Dichloroethane	894		50	5.0
156-59-2	cis-1,2-Dichloroethene	935		50	10
78-93-3	2-Butanone (MEK)	741		500	41
67-66-3	Chloroform	937		50	7.5
100-41-4	Ethylbenzene	1690		50	12
110-82-7	Cyclohexane	804		50	6.5
56-23-5	Carbon tetrachloride	932		50	9.5
71-43-2	Benzene	964		50	6.5
107-06-2	1,2-Dichloroethane	875		50	12
79-01-6	Trichloroethene	908		50	9.0
108-87-2	Methylcyclohexane	827		50	4.5
75-27-4	Dichlorobromomethane	920		50	4.6
10061-01-5	cis-1,3-Dichloropropene	970		50	5.5
108-10-1	4-Methyl-2-pentanone (MIBK)	726		500	34
108-88-3	Toluene	6150		50	4.5
10061-02-6	trans-1,3-Dichloropropene	971		50	6.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-021 Lab Sample ID: 460-10889-21 MS

Matrix: GW Lab File ID: d17002.d

Analysis Method: 8260B Date Collected: 03/03/2010 14:00

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 10:33

Soil Aliquot Vol: Dilution Factor: 50

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1050		50	5.0
127-18-4	Tetrachloroethene	978		50	10
591-78-6	2-Hexanone	620		500	28
106-93-4	1,2-Dibromoethane	960		50	4.5
108-90-7	Chlorobenzene	944		50	8.0
1330-20-7	Xylenes, Total	6250		150	22
100-42-5	Styrene	997		50	6.5
75-25-2	Bromoform	965		50	5.0
98-82-8	Isopropylbenzene	1070		50	10
79-34-5	1,1,2,2-Tetrachloroethane	977		50	4.5
541-73-1	1,3-Dichlorobenzene	999		50	11
106-46-7	1,4-Dichlorobenzene	980		50	7.5
120-82-1	1,2,4-Trichlorobenzene	1040		50	22

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97	70-122	
460-00-4	4-Bromofluorobenzene	96	69-135	
2037-26-5	Toluene-d8 (Surr)	95	69-125	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17002.d
Report Date: 11-Mar-2010 11:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17002.d
Lab Smp Id: 460-10889-B-21MS
Inj Date : 08-MAR-2010 10:33
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-B-21MS;50
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 11-Mar-2010 11:20 vibha Quant Type: ISTD
Cal Date : 08-MAR-2010 08:03 Cal File: d16997.d
Als bottle: 7 QC Sample: MS
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.323	1.323	(0.277)	44433	11.1798	560
3 Chloromethane	50	1.411	1.411	(0.295)	121191	18.8723	940
4 Vinyl Chloride	62	1.511	1.505	(0.316)	88076	13.2436	660
6 Bromomethane	94	1.700	1.705	(0.355)	70088	20.5330	1000
5 Chloroethane	64	1.811	1.788	(0.379)	38592	9.73860	490(RH)
7 Trichlorofluoromethane	101	1.829	1.835	(0.382)	111021	19.0862	950
8 n-Pentane	72	1.829	1.829	(0.382)	11187	15.4592	770
10 Isoprene	67	2.035	2.035	(0.426)	103648	15.3933	770
11 Ethyl Ether	59	2.047	2.052	(0.428)	71914	15.4890	770
13 Acrolein	56	2.423	2.423	(0.507)	29960	43.0642	2200
15 1,1-Dichloroethene	96	2.182	2.182	(0.456)	52433	18.5546	930
14 Freon TF	101	2.247	2.264	(0.470)	43800	15.0919	750
16 Acetone	58	2.641	2.641	(0.552)	10676	19.6338	980
17 Iodomethane	142	2.288	2.288	(0.478)	116784	15.7665	790
18 Carbon Disulfide	76	2.200	2.199	(0.460)	238408	16.3608	820
19 Isopropanol	45	2.594	2.576	(0.542)	914538	2727.96	140000

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17002.d
Report Date: 11-Mar-2010 11:30

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	20 Allyl Chloride	76	2.200	2.199	(0.460)	238408	16.3608	820
	21 Acetonitrile	39	3.000	3.005	(0.627)	43432	241.655	12000
	27 Methyl Acetate	74	2.741	2.741	(0.573)	23628	16.0533	800
	22 Methylene Chloride	84	2.600	2.605	(0.544)	70691	16.9341	850
	24 TBA	59	2.935	2.923	(0.614)	198693	273.413	14000
	25 trans-1,2-Dichloroethene	96	2.717	2.723	(0.568)	71456	17.2420	860
	26 Acrylonitrile	53	3.241	3.241	(0.678)	39120	20.8248	1000
	28 MTBE	73	2.841	2.829	(0.594)	196973	14.8448	740
	29 Hexane	56	2.776	2.770	(0.581)	58482	15.6222	780
	30 1,1-Dichloroethane	63	3.194	3.193	(0.668)	134901	17.8746	890
	31 Vinyl Acetate	43	3.405	3.405	(0.712)	133550	15.5571	780
	32 DIPE	45	3.111	3.111	(0.651)	263339	15.5063	780
	35 t-Butyl-ethyl-ether	59	3.400	3.399	(0.711)	310543	16.7609	840
	37 2,2-Dichloropropane	77	3.729	3.729	(0.780)	94325	20.1709	1000
	36 cis-1,2-Dichloroethene	96	3.629	3.629	(0.759)	80802	18.6908	930
	38 2-Butanone	72	4.158	4.146	(0.870)	12186	14.8260	740
	39 Ethyl Acetate	70	4.000	3.988	(0.836)	15523	29.0653	1400
	40 Bromochloromethane	128	3.800	3.793	(0.795)	42387	19.3418	970
	41 Tetrahydrofuran	42	3.994	3.999	(0.835)	33538	13.6767	680
	42 Chloroform	83	3.870	3.870	(0.809)	139329	18.7402	940
	43 1,1,1-Trichloroethane	97	4.041	4.040	(0.845)	112615	18.4267	920
	44 Cyclohexane	56	3.794	3.788	(0.793)	114336	16.0801	800
	45 Carbon Tetrachloride	117	3.982	3.970	(0.833)	113222	18.6303	930
	46 1,1-Dichloropropene	75	4.147	4.146	(0.867)	97282	18.7281	940
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.517	4.505	(0.945)	26121	48.6139	49
	48 Benzene	78	4.376	4.376	(0.537)	291120	19.2821	960
	49 1,2-Dichloroethane	62	4.570	4.570	(0.956)	103779	17.4935	870
	51 n-Heptane	57	4.364	4.358	(0.913)	46250	15.6693	780
	50 t-Amyl-methyl-ether	73	4.511	4.511	(0.943)	211157	15.2212	760
	61 Isopropyl Acetate	43	4.870	4.864	(1.018)	299284	28.6644	1400
*	52 Fluorobenzene	96	4.782	4.782	(1.000)	586747	50.0000	
	54 Trichloroethene	95	4.947	4.946	(1.034)	72118	18.1563	910
	53 n-Butanol	56	5.382	5.370	(1.125)	152281	1378.70	69000
	56 Methyl cyclohexane	83	4.929	4.935	(1.031)	127079	16.5479	830
	55 Ethyl Acrylate	55	5.570	5.570	(1.165)	83004	14.8266	740
	57 1,2-Dichloropropane	63	5.494	5.487	(1.149)	76271	18.6444	930
	58 Dibromomethane	93	5.382	5.376	(1.125)	46223	18.0892	900
	60 1,4-Dioxane	88	5.805	5.805	(1.214)	128677	2887.79	140000
	59 Methyl Methacrylate	100	5.794	5.793	(1.212)	16960	14.3005	720
	75 Propyl Acetate	43	5.970	5.970	(1.248)	196766	27.9296	1400
	68 Bromodichloromethane	83	5.576	5.576	(1.166)	97545	18.4057	920
	62 2-Chloroethyl Vinyl Ether	63	6.270	6.270	(1.311)	37720	14.0277	700
	63 Epichlorohydrin	57	6.623	6.617	(0.813)	139373	278.978	14000
	67 cis-1,3-Dichloropropene	75	6.305	6.299	(0.774)	107183	19.3991	970
	70 4-Methyl-2-Pentanone	43	7.076	7.070	(0.869)	76798	14.5121	720
$	65 Toluene-d8 (SUR)	98	6.523	6.523	(0.801)	526378	47.6178	48
	66 Toluene	91	6.582	6.582	(0.808)	1869218	122.951	6100(R)

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17002.d
Report Date: 11-Mar-2010 11:30

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
64	trans-1,3-Dichloropropene	75	7.093	7.087	(0.871)	96604	19.4145	970
69	1,1,2-Trichloroethane	83	7.258	7.252	(0.891)	55016	20.9661	1000
71	Tetrachloroethene	166	7.017	7.017	(0.861)	72828	19.5583	980
72	1,3-Dichloropropane	76	7.529	7.529	(0.924)	99360	18.8045	940
73	2-Hexanone	43	7.935	7.934	(0.974)	48965	12.3952	620
74	Dibromochloromethane	129	7.429	7.423	(0.912)	65724	18.9170	940
76	Butyl Acetate	73	7.876	7.870	(0.967)	33599	29.1079	1400
77	1,2-Dibromoethane	107	7.635	7.634	(0.937)	58447	19.1925	960
* 78	Chlorobenzene-d5	117	8.146	8.140	(1.000)	423851	50.0000	
79	Chlorobenzene	112	8.158	8.158	(1.001)	175654	18.8745	940
80	1,1,1,2-Tetrachloroethane	131	8.235	8.228	(1.011)	75680	19.4139	970
81	Ethylbenzene	106	8.211	8.205	(1.008)	164941	33.7714	1700(R)
82	m+p-Xylene	106	8.346	8.346	(1.025)	531238	86.4643	4300(R)
84	o-Xylene	106	8.717	8.717	(1.070)	238540	38.5820	1900(R)
85	Styrene	104	8.770	8.764	(1.077)	189663	19.9337	1000
83	Butyl Acrylate	73	8.923	8.923	(1.095)	51034	15.8249	790
86	Bromoform	173	8.770	8.764	(1.077)	47298	19.3047	960
87	Amyl Acetate	43	9.140	9.140	(0.907)	86680	17.9772	900
88	Isopropylbenzene	105	8.993	8.993	(1.104)	356544	21.3724	1100
$ 89	Bromofluorobenzene (SUR)	174	9.211	9.205	(0.914)	183752	47.9173	48
90	Camphene (total)	93	9.070	9.070	(1.113)	110376	15.6774	780
91	Bromobenzene	156	9.282	9.275	(0.921)	81139	19.8065	990
92	1,1,2,2-Tetrachloroethane	83	9.405	9.399	(0.933)	87122	19.5498	980
93	1,2,3-Trichloropropane	110	9.487	9.487	(0.941)	25742	18.9305	950
94	trans-1,4-Dichloro-2-butene	53	9.534	9.534	(0.946)	24421	16.3444	820
95	n-Propylbenzene	91	9.334	9.328	(0.926)	399512	19.9563	1000
96	2-Chlorotoluene	91	9.440	9.434	(0.936)	241966	20.3193	1000
97	1,3,5-Trimethylbenzene	105	9.499	9.493	(0.942)	291593	20.5545	1000
98	4-Chlorotoluene	91	9.570	9.570	(0.949)	235721	20.2429	1000
99	Butyl Methacrylate	87	9.752	9.752	(0.967)	96441	16.3258	820
100	tert-Butylbenzene	119	9.740	9.734	(0.966)	231212	20.4878	1000
101	1,2,4-Trimethylbenzene	105	9.793	9.793	(0.971)	351425	23.5092	1200
102	2-Octanone	43	10.199	10.199	(1.012)	135194	13.6948	680
103	sec-Butylbenzene	105	9.876	9.875	(0.980)	369996	20.4240	1000
104	2-Octanol	45	10.081	10.081	(1.000)	39576	11.8597	590
105	1,3-Dichlorobenzene	146	10.023	10.022	(0.994)	154038	19.9703	1000
107	p-Isopropyltoluene	119	9.993	9.993	(0.991)	317502	20.9077	1000
* 108	1,4-Dichlorobenzene-d4	152	10.081	10.081	(1.000)	234452	50.0000	
109	1,4-Dichlorobenzene	146	10.093	10.093	(1.001)	157069	19.6091	980
110	Benzyl Chloride	91	10.305	10.305	(1.022)	520999	20.9931	1000
106	n-Butylbenzene	91	10.305	10.305	(1.022)	520999	20.9931	1000
111	1,2-Dichlorobenzene	146	10.405	10.405	(1.032)	157253	19.2865	960
112	1,2-Dibromo-3-chloropropane	75	10.993	10.993	(1.090)	17160	19.6144	980
113	Camphor	95	11.681	11.681	(1.159)	42021	74.5764	3700
114	1,2,4-Trichlorobenzene	180	11.476	11.475	(1.138)	119850	20.8307	1000
115	Hexachlorobutadiene	225	11.458	11.458	(1.137)	46208	19.3675	970
116	Naphthalene	128	11.705	11.705	(1.161)	3080244	206.599	10000(R)

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17002.d
Report Date: 11-Mar-2010 11:30

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
117 1,2,3-Trichlorobenzene	180	11.834	11.834	(1.174)	109280	19.3009	960
M 120 1,2-Dichloroethene (Total)	100				152258	35.9633	1800
M 121 Xylene (Total)	100				769778	125.046	6200(R)

QC Flag Legend

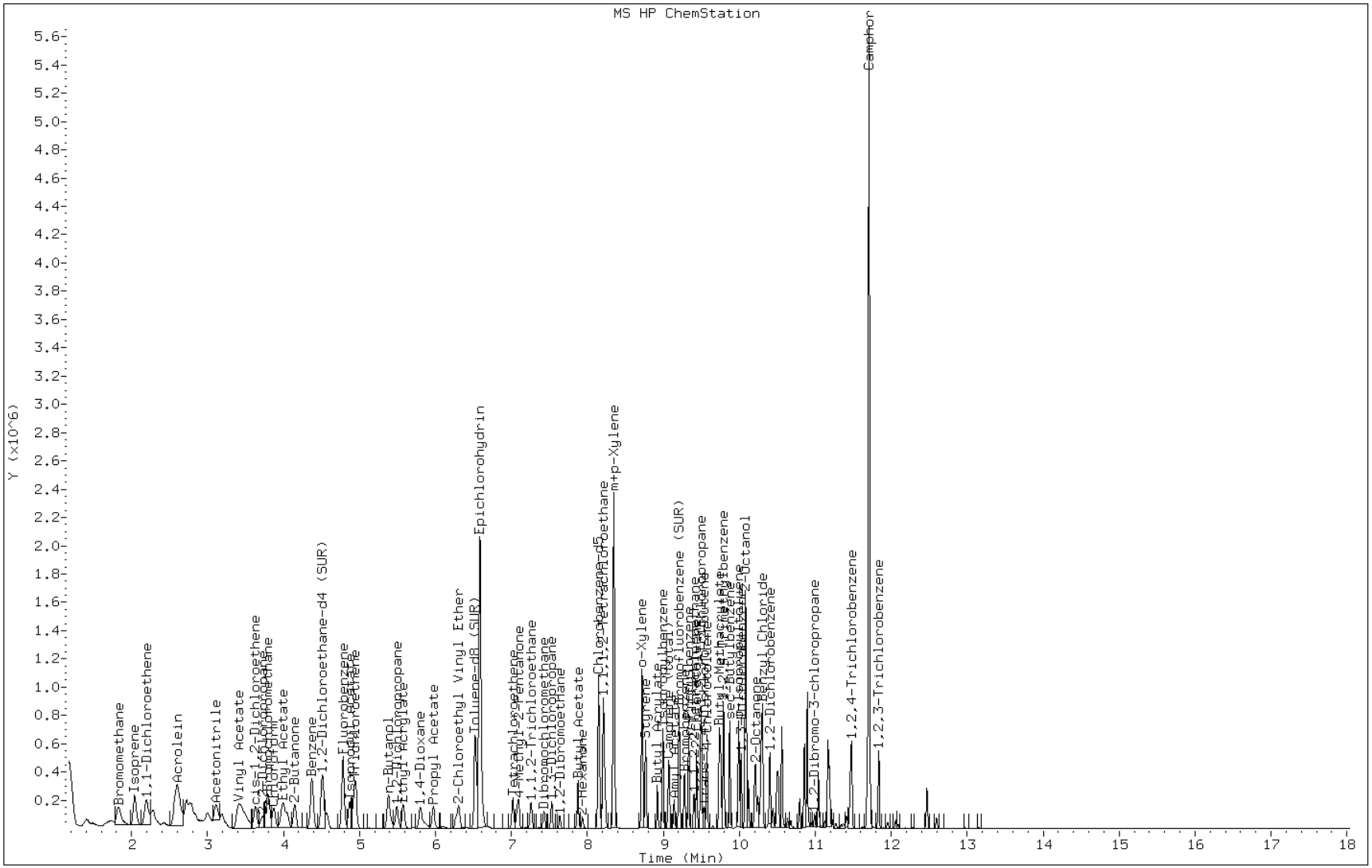
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: d17002.d

Date: 08-MAR-2010 10:33

Client ID: Instrument: VOAMS4.i

Sample Info: 460-10889-B-21MS;50 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-003 | Lab Sample ID: 460-10889-3 MSD

Matrix: Water | Lab File ID: d16916.d

Analysis Method: 8260B | Date Collected: 03/01/2010 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/05/2010 12:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 31311 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.6		1.0	0.25
75-71-8	Dichlorodifluoromethane	20.9		1.0	0.29
74-87-3	Chloromethane	21.1		1.0	0.21
75-01-4	Vinyl chloride	19.7		1.0	0.13
74-83-9	Bromomethane	16.7		1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	26.2		1.0	0.15
95-50-1	1,2-Dichlorobenzene	21.3		1.0	0.16
75-69-4	Trichlorofluoromethane	20.8		1.0	0.16
75-35-4	1,1-Dichloroethene	18.5		1.0	0.14
78-87-5	1,2-Dichloropropane	20.4		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18.6		1.0	0.28
67-64-1	Acetone	21.3		10	2.5
75-15-0	Carbon disulfide	17.6		1.0	0.15
79-20-9	Methyl acetate	21.3		2.0	0.33
75-09-2	Methylene Chloride	17.5		1.0	0.19
156-60-5	trans-1,2-Dichloroethene	18.0		1.0	0.14
124-48-1	Chlorodibromomethane	21.6		1.0	0.11
1634-04-4	Methyl tert-butyl ether	22.0		1.0	0.18
75-00-3	Chloroethane	17.5		1.0	0.45
75-34-3	1,1-Dichloroethane	18.8		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	19.8		1.0	0.20
78-93-3	2-Butanone (MEK)	21.3		10	0.82
67-66-3	Chloroform	19.5		1.0	0.15
100-41-4	Ethylbenzene	21.3		1.0	0.25
110-82-7	Cyclohexane	22.8		1.0	0.13
56-23-5	Carbon tetrachloride	17.8		1.0	0.19
71-43-2	Benzene	21.6		1.0	0.13
107-06-2	1,2-Dichloroethane	20.2		1.0	0.24
79-01-6	Trichloroethene	19.9		1.0	0.18
108-87-2	Methylcyclohexane	28.6		1.0	0.090
75-27-4	Dichlorobromomethane	20.7		1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	20.0		1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	24.1		10	0.68
108-88-3	Toluene	20.9		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	20.6		1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-003 Lab Sample ID: 460-10889-3 MSD

Matrix: Water Lab File ID: d16916.d

Analysis Method: 8260B Date Collected: 03/01/2010 14:00

Sample wt/vol: 5(mL) Date Analyzed: 03/05/2010 12:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	27.9		1.0	0.10
127-18-4	Tetrachloroethene	20.8		1.0	0.20
591-78-6	2-Hexanone	20.3		10	0.55
106-93-4	1,2-Dibromoethane	21.3		1.0	0.090
108-90-7	Chlorobenzene	21.8		1.0	0.16
1330-20-7	Xylenes, Total	65.5		3.0	0.43
100-42-5	Styrene	20.8		1.0	0.13
75-25-2	Bromoform	22.1		1.0	0.10
98-82-8	Isopropylbenzene	27.1		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	24.4		1.0	0.090
541-73-1	1,3-Dichlorobenzene	20.7		1.0	0.22
106-46-7	1,4-Dichlorobenzene	20.9		1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	23.4		1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94	70-122	
460-00-4	4-Bromofluorobenzene	100	69-135	
2037-26-5	Toluene-d8 (Surr)	99	69-125	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16916.d
Report Date: 05-Mar-2010 12:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16916.d
Lab Smp Id: 460-10889-A-3 MSD Client Smp ID: GW-017338-030110-AC
Inj Date : 05-MAR-2010 12:22
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-A-3 MSD
Misc Info : 460-10889-A-3 MSD
Comment   :
Method   : /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/8260DE_09.m
Meth Date : 05-Mar-2010 08:33 desais Quant Type: ISTD
Cal Date : 05-MAR-2010 07:02 Cal File: d16904.d
Als bottle: 13 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.323	1.323	(0.276)	45344	20.8793	21
3 Chloromethane	50	1.423	1.406	(0.297)	132692	21.0717	21
4 Vinyl Chloride	62	1.494	1.482	(0.312)	90220	19.7334	20
6 Bromomethane	94	1.711	1.700	(0.357)	67455	16.7356	17
5 Chloroethane	64	1.811	1.776	(0.378)	56545	17.5145	18
7 Trichlorofluoromethane	101	1.847	1.823	(0.386)	108386	20.8054	21
8 n-Pentane	72	1.841	1.823	(0.384)	11664	19.6338	20
10 Isoprene	67	2.041	2.029	(0.426)	101350	19.2154	19
11 Ethyl Ether	59	2.052	2.041	(0.429)	68650	20.0619	20
13 Acrolein	56	2.435	2.423	(0.509)	29949	39.7568	40
15 1,1-Dichloroethene	96	2.188	2.176	(0.457)	50873	18.5228	18
14 Freon TF	101	2.282	2.247	(0.477)	47355	18.6024	19
16 Acetone	58	2.652	2.641	(0.554)	12264	21.3166	21
17 Iodomethane	142	2.294	2.276	(0.479)	106885	17.4039	17
18 Carbon Disulfide	76	2.205	2.194	(0.461)	214846	17.6476	18
19 Isopropanol	45	2.605	2.576	(0.544)	917460	3467.67	3500

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16916.d
Report Date: 05-Mar-2010 12:54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	20 Allyl Chloride	76	2.205	2.194	(0.461)	214846	17.6476	18
	21 Acetonitrile	39	3.017	2.994	(0.630)	48796	445.208	440
	27 Methyl Acetate	74	2.746	2.729	(0.574)	19248	21.2563	21
	22 Methylene Chloride	84	2.605	2.594	(0.544)	66635	17.5458	18
	24 TBA	59	2.952	2.923	(0.617)	163276	433.408	430
	25 trans-1,2-Dichloroethene	96	2.723	2.711	(0.569)	67819	17.9787	18
	26 Acrylonitrile	53	3.246	3.241	(0.678)	36903	22.9538	23
	28 MTBE	73	2.829	2.823	(0.591)	221512	22.0238	22
	29 Hexane	56	2.776	2.770	(0.580)	58758	18.2592	18
	30 1,1-Dichloroethane	63	3.194	3.182	(0.667)	126403	18.8189	19
	31 Vinyl Acetate	43	3.417	3.400	(0.714)	124265	18.0115	18
	32 DIPE	45	3.117	3.111	(0.651)	248794	19.5891	20
	35 t-Butyl-ethyl-ether	59	3.411	3.400	(0.712)	300017	20.5274	20
	37 2,2-Dichloropropane	77	3.729	3.717	(0.779)	83061	19.6391	20
	36 cis-1,2-Dichloroethene	96	3.629	3.623	(0.758)	76895	19.8422	20
	38 2-Butanone	72	4.152	4.152	(0.867)	12005	21.2833	21
	39 Ethyl Acetate	70	4.005	3.988	(0.837)	15214	44.8661	45
	40 Bromochloromethane	128	3.805	3.788	(0.795)	38637	20.2225	20
	41 Tetrahydrofuran	42	4.005	3.994	(0.837)	35198	23.5537	24(R)
	42 Chloroform	83	3.876	3.864	(0.810)	129568	19.4548	19
	43 1,1,1-Trichloroethane	97	4.046	4.035	(0.845)	104166	19.5567	20
	44 Cyclohexane	56	3.805	3.788	(0.795)	114536	22.7955	23
	45 Carbon Tetrachloride	117	3.982	3.982	(0.832)	96840	17.7950	18
	46 1,1-Dichloropropene	75	4.152	4.141	(0.867)	92227	20.9404	21
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.517	4.505	(0.943)	24429	47.2384	47
	48 Benzene	78	4.382	4.370	(0.538)	291688	21.6211	22
	49 1,2-Dichloroethane	62	4.582	4.570	(0.957)	100225	20.1721	20
	51 n-Heptane	57	4.364	4.352	(0.912)	42291	18.4884	18
	50 t-Amyl-methyl-ether	73	4.517	4.511	(0.943)	196540	19.8161	20
	61 Isopropyl Acetate	43	4.870	4.864	(1.017)	287884	43.3750	43
*	52 Fluorobenzene	96	4.788	4.776	(1.000)	506227	50.0000	
	54 Trichloroethene	95	4.952	4.941	(1.034)	67688	19.8686	20
	53 n-Butanol	56	5.387	5.376	(1.125)	160388	1956.45	2000(R)
	56 Methyl cyclohexane	83	4.940	4.929	(1.032)	165942	28.5840	28(R)
	55 Ethyl Acrylate	55	5.570	5.564	(1.163)	80389	23.3310	23(R)
	57 1,2-Dichloropropane	63	5.493	5.488	(1.147)	70363	20.4268	20
	58 Dibromomethane	93	5.382	5.370	(1.124)	44905	21.4217	21
	60 1,4-Dioxane	88	5.823	5.805	(1.216)	129276	3386.12	3400
	59 Methyl Methacrylate	100	5.793	5.794	(1.210)	16902	21.6879	22
	75 Propyl Acetate	43	5.976	5.970	(1.248)	188955	43.3516	43
	68 Bromodichloromethane	83	5.582	5.576	(1.166)	94247	20.7496	21
	63 Epichlorohydrin	57	6.623	6.617	(0.813)	88972	267.259	270
	67 cis-1,3-Dichloropropene	75	6.305	6.299	(0.774)	96487	19.9930	20
	70 4-Methyl-2-Pentanone	43	7.076	7.070	(0.869)	78744	24.1220	24(R)
$	65 Toluene-d8 (SUR)	98	6.529	6.517	(0.801)	493311	49.6258	50
	66 Toluene	91	6.587	6.582	(0.809)	281159	20.9227	21
	64 trans-1,3-Dichloropropene	75	7.093	7.093	(0.871)	89439	20.6462	21

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16916.d
Report Date: 05-Mar-2010 12:54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	69 1,1,2-Trichloroethane	83	7.252	7.252	(0.890)	64251	27.9147	28(R)
	71 Tetrachloroethene	166	7.017	7.017	(0.861)	69547	20.7822	21
	72 1,3-Dichloropropane	76	7.529	7.523	(0.924)	95137	21.3303	21
	73 2-Hexanone	43	7.934	7.935	(0.974)	49565	20.3026	20
	74 Dibromochloromethane	129	7.429	7.423	(0.912)	64787	21.5859	22
	76 Butyl Acetate	73	7.876	7.870	(0.967)	32127	43.0359	43
	77 1,2-Dibromoethane	107	7.640	7.635	(0.938)	54394	21.3056	21
*	78 Chlorobenzene-d5	117	8.146	8.140	(1.000)	372102	50.0000	
	79 Chlorobenzene	112	8.158	8.158	(1.001)	180173	21.8373	22
	80 1,1,1,2-Tetrachloroethane	131	8.234	8.235	(1.011)	72373	20.1675	20
	81 Ethylbenzene	106	8.211	8.205	(1.008)	92720	21.3363	21
	82 m+p-Xylene	106	8.346	8.346	(1.025)	234912	43.1634	43
	84 o-Xylene	106	8.717	8.717	(1.070)	118664	22.2998	22
	85 Styrene	104	8.770	8.764	(1.077)	173683	20.7822	21
	83 Butyl Acrylate	73	8.923	8.923	(1.095)	48739	22.1196	22(R)
	86 Bromoform	173	8.770	8.764	(1.077)	46476	22.1338	22
	87 Amyl Acetate	43	9.140	9.140	(0.907)	80794	25.0958	25
	88 Isopropylbenzene	105	8.993	8.993	(1.104)	395256	27.1465	27(R)
$	89 Bromofluorobenzene (SUR)	174	9.211	9.205	(0.914)	174824	50.2504	50
	90 Camphene (total)	93	9.070	9.070	(1.113)	21470	3.95459	4.0(R)
	91 Bromobenzene	156	9.275	9.276	(0.920)	77260	21.4418	21
	92 1,1,2,2-Tetrachloroethane	83	9.399	9.399	(0.932)	89083	24.4211	24(R)
	93 1,2,3-Trichloropropane	110	9.493	9.487	(0.942)	26501	23.4675	23(R)
	94 trans-1,4-Dichloro-2-butene	53	9.534	9.534	(0.946)	23694	20.5349	20
	95 n-Propylbenzene	91	9.328	9.329	(0.925)	398938	23.3008	23
	96 2-Chlorotoluene	91	9.434	9.435	(0.936)	223695	21.6414	22
	97 1,3,5-Trimethylbenzene	105	9.499	9.499	(0.942)	277748	22.6050	23
	98 4-Chlorotoluene	91	9.570	9.570	(0.949)	218102	21.5180	22
	99 Butyl Methacrylate	87	9.752	9.752	(0.967)	90171	21.4610	21(R)
	100 tert-Butylbenzene	119	9.740	9.734	(0.966)	226295	23.2900	23(R)
	101 1,2,4-Trimethylbenzene	105	9.793	9.793	(0.971)	293125	22.5003	22
	102 2-Octanone	43	10.199	10.199	(1.012)	156598	24.2785	24
	103 sec-Butylbenzene	105	9.875	9.876	(0.980)	380849	24.2866	24
	104 2-Octanol	45	10.081	10.082	(1.000)	64608	26.7808	27(R)
	105 1,3-Dichlorobenzene	146	10.022	10.023	(0.994)	147570	20.6507	21
	107 p-Isopropyltoluene	119	9.993	9.993	(0.991)	299412	22.4662	22
*	108 1,4-Dichlorobenzene-d4	152	10.081	10.082	(1.000)	209598	50.0000	
	109 1,4-Dichlorobenzene	146	10.093	10.093	(1.001)	150562	20.8765	21
	110 Benzyl Chloride	91	10.305	10.305	(1.022)	503920	23.6223	24
	106 n-Butylbenzene	91	10.305	10.305	(1.022)	503920	23.6223	24
	111 1,2-Dichlorobenzene	146	10.405	10.405	(1.032)	153294	21.3179	21
	112 1,2-Dibromo-3-chloropropane	75	10.993	10.993	(1.090)	17726	26.2430	26(R)
	113 Camphor	95	11.681	11.681	(1.159)	56856	161.798	160(R)
	114 1,2,4-Trichlorobenzene	180	11.475	11.476	(1.138)	121559	23.4129	23
	115 Hexachlorobutadiene	225	11.458	11.458	(1.137)	49936	17.9984	18
	116 Naphthalene	128	11.705	11.705	(1.161)	2487691	212.280	210(R)
	117 1,2,3-Trichlorobenzene	180	11.834	11.834	(1.174)	117975	24.0929	24

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b/d16916.d
Report Date: 05-Mar-2010 12:54

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
M 120 1,2-Dichloroethene (Total)	100				144715	37.8460	38
M 121 Xylene (Total)	100				353577	65.4632	65

QC Flag Legend

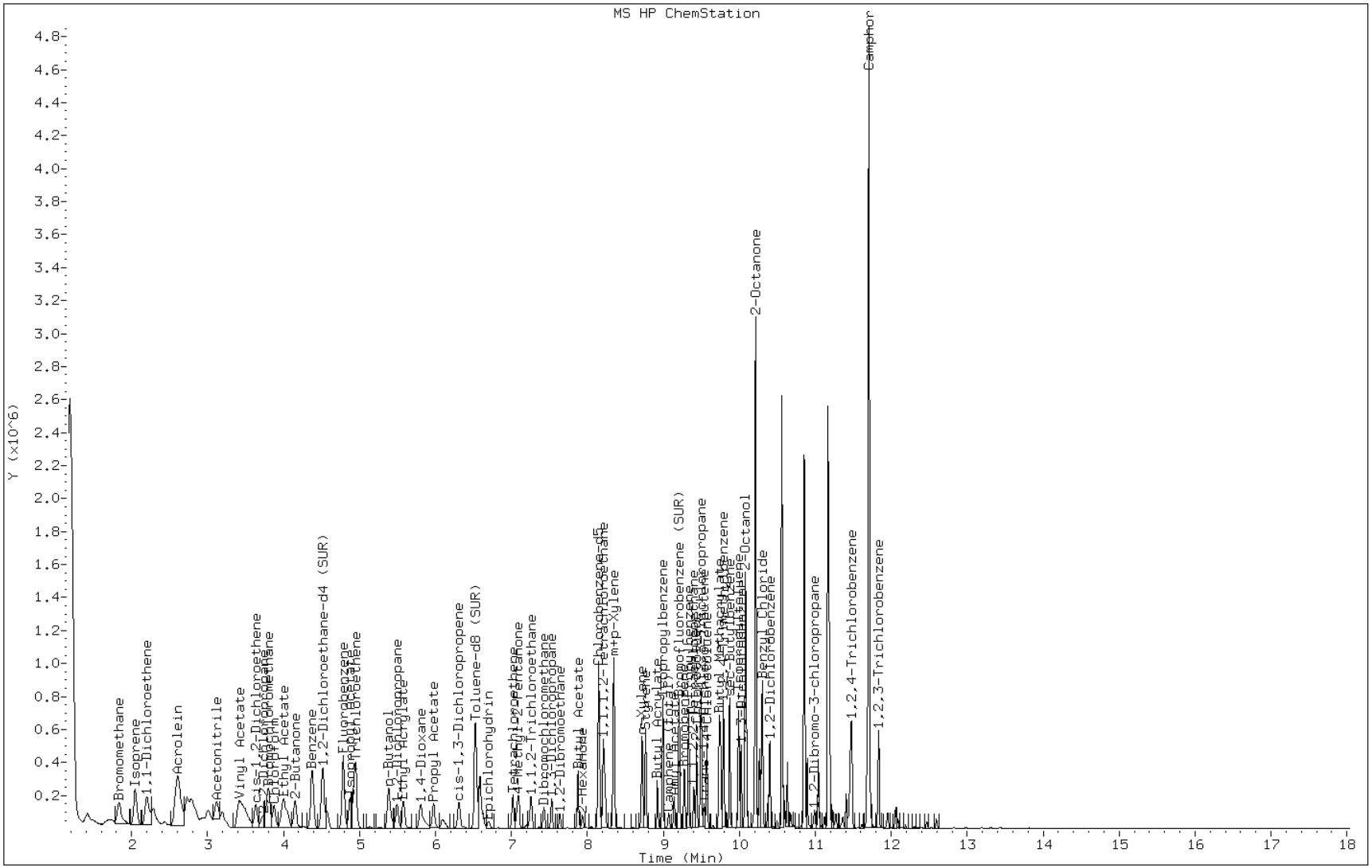
R - Spike/Surrogate failed recovery limits.

Data File: d16916.d

Date: 05-MAR-2010 12:22

Client ID: GW-017338-030110-AC Instrument: VOAMS4.i

Sample Info: 460-10889-A-3 MSD Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-021 | Lab Sample ID: 460-10889-21 MSD

Matrix: GW | Lab File ID: d17003.d

Analysis Method: 8260B | Date Collected: 03/03/2010 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/08/2010 10:57

Soil Aliquot Vol: | Dilution Factor: 50

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 31440 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	852		50	12
75-71-8	Dichlorodifluoromethane	488		50	14
74-87-3	Chloromethane	948		50	10
75-01-4	Vinyl chloride	623		50	6.5
74-83-9	Bromomethane	1040		50	16
96-12-8	1,2-Dibromo-3-Chloropropane	897		50	7.5
95-50-1	1,2-Dichlorobenzene	895		50	8.0
75-69-4	Trichlorofluoromethane	837		50	8.0
75-35-4	1,1-Dichloroethene	915		50	7.0
78-87-5	1,2-Dichloropropane	874		50	4.5
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	791		50	14
67-64-1	Acetone	1100		500	120
75-15-0	Carbon disulfide	782		50	7.5
79-20-9	Methyl acetate	752		100	16
75-09-2	Methylene Chloride	854		50	9.5
156-60-5	trans-1,2-Dichloroethene	816		50	7.0
124-48-1	Chlorodibromomethane	899		50	5.5
1634-04-4	Methyl tert-butyl ether	712		50	9.0
75-00-3	Chloroethane	459		50	22
75-34-3	1,1-Dichloroethane	858		50	5.0
156-59-2	cis-1,2-Dichloroethene	891		50	10
78-93-3	2-Butanone (MEK)	730		500	41
67-66-3	Chloroform	864		50	7.5
100-41-4	Ethylbenzene	1570		50	12
110-82-7	Cyclohexane	762		50	6.5
56-23-5	Carbon tetrachloride	880		50	9.5
71-43-2	Benzene	892		50	6.5
107-06-2	1,2-Dichloroethane	810		50	12
79-01-6	Trichloroethene	854		50	9.0
108-87-2	Methylcyclohexane	791		50	4.5
75-27-4	Dichlorobromomethane	883		50	4.6
10061-01-5	cis-1,3-Dichloropropene	901		50	5.5
108-10-1	4-Methyl-2-pentanone (MIBK)	691		500	34
108-88-3	Toluene	5810		50	4.5
10061-02-6	trans-1,3-Dichloropropene	926		50	6.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-021 Lab Sample ID: 460-10889-21 MSD

Matrix: GW Lab File ID: d17003.d

Analysis Method: 8260B Date Collected: 03/03/2010 14:00

Sample wt/vol: 5(mL) Date Analyzed: 03/08/2010 10:57

Soil Aliquot Vol: Dilution Factor: 50

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 31440 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	984		50	5.0
127-18-4	Tetrachloroethene	926		50	10
591-78-6	2-Hexanone	599		500	28
106-93-4	1,2-Dibromoethane	882		50	4.5
108-90-7	Chlorobenzene	889		50	8.0
1330-20-7	Xylenes, Total	5810		150	22
100-42-5	Styrene	927		50	6.5
75-25-2	Bromoform	915		50	5.0
98-82-8	Isopropylbenzene	1000		50	10
79-34-5	1,1,2,2-Tetrachloroethane	934		50	4.5
541-73-1	1,3-Dichlorobenzene	921		50	11
106-46-7	1,4-Dichlorobenzene	908		50	7.5
120-82-1	1,2,4-Trichlorobenzene	1000		50	22

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95	70-122	
460-00-4	4-Bromofluorobenzene	94	69-135	
2037-26-5	Toluene-d8 (Surr)	95	69-125	

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17003.d
Report Date: 11-Mar-2010 11:32

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17003.d
Lab Smp Id: 460-10889-B-21MSD
Inj Date : 08-MAR-2010 10:57
Operator : Inst ID: VOAMS4.i
Smp Info : 460-10889-B-21MSD;50
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/8260DE_09.m
Meth Date : 11-Mar-2010 11:20 vibha Quant Type: ISTD
Cal Date : 08-MAR-2010 08:03 Cal File: d16997.d
Als bottle: 8 QC Sample: MSD
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	50.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.311	1.323	(0.274)	39019	9.76578	490
3 Chloromethane	50	1.405	1.411	(0.294)	122421	18.9632	950
4 Vinyl Chloride	62	1.505	1.505	(0.315)	83323	12.4628	620
6 Bromomethane	94	1.694	1.705	(0.354)	71209	20.7513	1000
5 Chloroethane	64	1.788	1.788	(0.374)	36557	9.17639	460(RH)
7 Trichlorofluoromethane	101	1.835	1.835	(0.384)	97849	16.7330	840
8 n-Pentane	72	1.823	1.829	(0.381)	11334	15.5797	780
10 Isoprene	67	2.035	2.035	(0.426)	98797	14.5955	730
11 Ethyl Ether	59	2.047	2.052	(0.428)	68966	14.7756	740
13 Acrolein	56	2.423	2.423	(0.507)	30433	43.5132	2200
15 1,1-Dichloroethene	96	2.182	2.182	(0.456)	52005	18.3061	920
14 Freon TF	101	2.247	2.264	(0.470)	46158	15.8204	790
16 Acetone	58	2.652	2.641	(0.555)	11973	21.9029	1100
17 Iodomethane	142	2.282	2.288	(0.477)	112205	15.0684	750
18 Carbon Disulfide	76	2.205	2.199	(0.461)	229207	15.6464	780
19 Isopropanol	45	2.588	2.576	(0.541)	902936	2679.14	130000

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17003.d
Report Date: 11-Mar-2010 11:32

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	20 Allyl Chloride	76	2.205	2.199	(0.461)	229207	15.6464	780
	21 Acetonitrile	39	2.999	3.005	(0.627)	36574	202.423	10000(R)
	27 Methyl Acetate	74	2.741	2.741	(0.573)	22245	15.0339	750
	22 Methylene Chloride	84	2.605	2.605	(0.545)	71648	17.0728	850
	24 TBA	59	2.923	2.923	(0.611)	195873	268.110	13000
	25 trans-1,2-Dichloroethene	96	2.717	2.723	(0.568)	68019	16.3260	820
	26 Acrylonitrile	53	3.246	3.241	(0.679)	40256	21.3165	1100
	28 MTBE	73	2.841	2.829	(0.594)	190076	14.2494	710
	29 Hexane	56	2.776	2.770	(0.581)	59466	15.8012	790
	30 1,1-Dichloroethane	63	3.188	3.193	(0.667)	130196	17.1602	860
	31 Vinyl Acetate	43	3.405	3.405	(0.712)	127399	14.7622	740
	32 DIPE	45	3.111	3.111	(0.651)	252911	14.8136	740
	35 t-Butyl-ethyl-ether	59	3.399	3.399	(0.711)	301352	16.1790	810
	37 2,2-Dichloropropane	77	3.735	3.729	(0.781)	89708	19.0824	950
	36 cis-1,2-Dichloroethene	96	3.635	3.629	(0.760)	77434	17.8172	890
	38 2-Butanone	72	4.152	4.146	(0.868)	12062	14.5977	730
	39 Ethyl Acetate	70	3.999	3.988	(0.836)	14733	27.4406	1400
	40 Bromochloromethane	128	3.793	3.793	(0.793)	38950	17.6797	880
	41 Tetrahydrofuran	42	3.993	3.999	(0.835)	34758	14.0994	700
	42 Chloroform	83	3.870	3.870	(0.809)	129173	17.2825	860
	43 1,1,1-Trichloroethane	97	4.041	4.040	(0.845)	104641	17.0316	850
	44 Cyclohexane	56	3.788	3.788	(0.792)	108885	15.2327	760
	45 Carbon Tetrachloride	117	3.976	3.970	(0.831)	107472	17.5908	880
	46 1,1-Dichloropropene	75	4.146	4.146	(0.867)	92213	17.6586	880
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.505	4.505	(0.942)	25590	47.3743	47
	48 Benzene	78	4.376	4.376	(0.537)	272331	17.8324	890
	49 1,2-Dichloroethane	62	4.570	4.570	(0.956)	96572	16.1928	810
	51 n-Heptane	57	4.370	4.358	(0.914)	44713	15.0686	750
	50 t-Amyl-methyl-ether	73	4.511	4.511	(0.943)	203012	14.5569	730
	61 Isopropyl Acetate	43	4.876	4.864	(1.020)	286725	27.3166	1400
*	52 Fluorobenzene	96	4.782	4.782	(1.000)	589860	50.0000	
	54 Trichloroethene	95	4.946	4.946	(1.034)	68184	17.0753	850
	53 n-Butanol	56	5.382	5.370	(1.125)	153547	1382.82	69000
	56 Methyl cyclohexane	83	4.935	4.935	(1.032)	122138	15.8205	790
	55 Ethyl Acrylate	55	5.570	5.570	(1.165)	81495	14.4802	720
	57 1,2-Dichloropropane	63	5.493	5.487	(1.149)	71919	17.4878	870
	58 Dibromomethane	93	5.382	5.376	(1.125)	44308	17.2483	860(R)
	60 1,4-Dioxane	88	5.805	5.805	(1.214)	126170	2816.59	140000
	59 Methyl Methacrylate	100	5.799	5.793	(1.213)	16487	13.8283	690
	75 Propyl Acetate	43	5.976	5.970	(1.250)	191152	26.9895	1300
	68 Bromodichloromethane	83	5.582	5.576	(1.167)	94117	17.6651	880
	62 2-Chloroethyl Vinyl Ether	63	6.270	6.270	(1.311)	28956	10.7116	540
	63 Epichlorohydrin	57	6.623	6.617	(0.813)	137349	271.800	14000
	67 cis-1,3-Dichloropropene	75	6.305	6.299	(0.774)	100741	18.0257	900
	70 4-Methyl-2-Pentanone	43	7.076	7.070	(0.869)	74021	13.8282	690
$	65 Toluene-d8 (SUR)	98	6.523	6.523	(0.801)	533312	47.6963	48
	66 Toluene	91	6.587	6.582	(0.809)	1787491	116.238	5800(R)

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17003.d
Report Date: 11-Mar-2010 11:32

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
64	trans-1,3-Dichloropropene	75	7.093	7.087	(0.871)	93224	18.5221	930
69	1,1,2-Trichloroethane	83	7.258	7.252	(0.891)	52242	19.6825	980
71	Tetrachloroethene	166	7.017	7.017	(0.861)	69788	18.5287	930
72	1,3-Dichloropropane	76	7.529	7.529	(0.924)	96404	18.0375	900
73	2-Hexanone	43	7.934	7.934	(0.974)	47882	11.9832	600
74	Dibromochloromethane	129	7.429	7.423	(0.912)	63190	17.9808	900
76	Butyl Acetate	73	7.876	7.870	(0.967)	32505	27.8398	1400
77	1,2-Dibromoethane	107	7.640	7.634	(0.938)	54340	17.6409	880
* 78	Chlorobenzene-d5	117	8.146	8.140	(1.000)	428728	50.0000	
79	Chlorobenzene	112	8.158	8.158	(1.001)	167345	17.7771	890
80	1,1,1,2-Tetrachloroethane	131	8.234	8.228	(1.011)	71444	18.1188	900
81	Ethylbenzene	106	8.211	8.205	(1.008)	154711	31.3165	1600(R)
82	m+p-Xylene	106	8.346	8.346	(1.025)	496928	79.9599	4000(R)
84	o-Xylene	106	8.717	8.717	(1.070)	226975	36.2939	1800(R)
85	Styrene	104	8.770	8.764	(1.077)	178365	18.5331	930
83	Butyl Acrylate	73	8.923	8.923	(1.095)	49174	15.0747	750
86	Bromoform	173	8.770	8.764	(1.077)	45349	18.2987	910
87	Amyl Acetate	43	9.140	9.140	(0.907)	80459	16.2421	810
88	Isopropylbenzene	105	8.993	8.993	(1.104)	338863	20.0815	1000
$ 89	Bromofluorobenzene (SUR)	174	9.211	9.205	(0.914)	185037	46.9661	47
90	Camphene (total)	93	9.070	9.070	(1.113)	102087	14.3351	720
91	Bromobenzene	156	9.281	9.275	(0.921)	76116	18.0851	900
92	1,1,2,2-Tetrachloroethane	83	9.405	9.399	(0.933)	85483	18.6707	930
93	1,2,3-Trichloropropane	110	9.493	9.487	(0.942)	24877	17.8067	890
94	trans-1,4-Dichloro-2-butene	53	9.540	9.534	(0.946)	24590	16.0188	800
95	n-Propylbenzene	91	9.334	9.328	(0.926)	374192	18.1932	910
96	2-Chlorotoluene	91	9.440	9.434	(0.936)	224780	18.3729	920
97	1,3,5-Trimethylbenzene	105	9.499	9.493	(0.942)	278242	19.0906	950
98	4-Chlorotoluene	91	9.575	9.570	(0.950)	217296	18.1632	910
99	Butyl Methacrylate	87	9.752	9.752	(0.967)	90464	14.9058	740
100	tert-Butylbenzene	119	9.740	9.734	(0.966)	216087	18.6371	930
101	1,2,4-Trimethylbenzene	105	9.793	9.793	(0.971)	328838	21.4118	1100
102	2-Octanone	43	10.199	10.199	(1.012)	129170	12.7358	640
103	sec-Butylbenzene	105	9.875	9.875	(0.980)	345562	18.5667	930
104	2-Octanol	45	10.081	10.081	(1.000)	35808	10.4445	520
105	1,3-Dichlorobenzene	146	10.023	10.022	(0.994)	146039	18.4285	920
107	p-Isopropyltoluene	119	9.993	9.993	(0.991)	297201	19.0491	950
* 108	1,4-Dichlorobenzene-d4	152	10.081	10.081	(1.000)	240873	50.0000	
109	1,4-Dichlorobenzene	146	10.093	10.093	(1.001)	149448	18.1603	910
110	Benzyl Chloride	91	10.305	10.305	(1.022)	485100	19.0255	950
106	n-Butylbenzene	91	10.305	10.305	(1.022)	485100	19.0255	950
111	1,2-Dichlorobenzene	146	10.405	10.405	(1.032)	149874	17.8915	890
112	1,2-Dibromo-3-chloropropane	75	10.993	10.993	(1.090)	16123	17.9378	900
113	Camphor	95	11.681	11.681	(1.159)	39115	67.5685	3400
114	1,2,4-Trichlorobenzene	180	11.475	11.475	(1.138)	118560	20.0572	1000
115	Hexachlorobutadiene	225	11.458	11.458	(1.137)	44799	18.2764	910
116	Naphthalene	128	11.705	11.705	(1.161)	1505230	98.2680	4900(R)

Data File: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b/d17003.d
Report Date: 11-Mar-2010 11:32

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
117 1,2,3-Trichlorobenzene	180	11.834	11.834	(1.174)	111270	19.1285	960
M 120 1,2-Dichloroethene (Total)	100				145453	34.1747	1700
M 121 Xylene (Total)	100				723903	116.254	5800(R)

QC Flag Legend

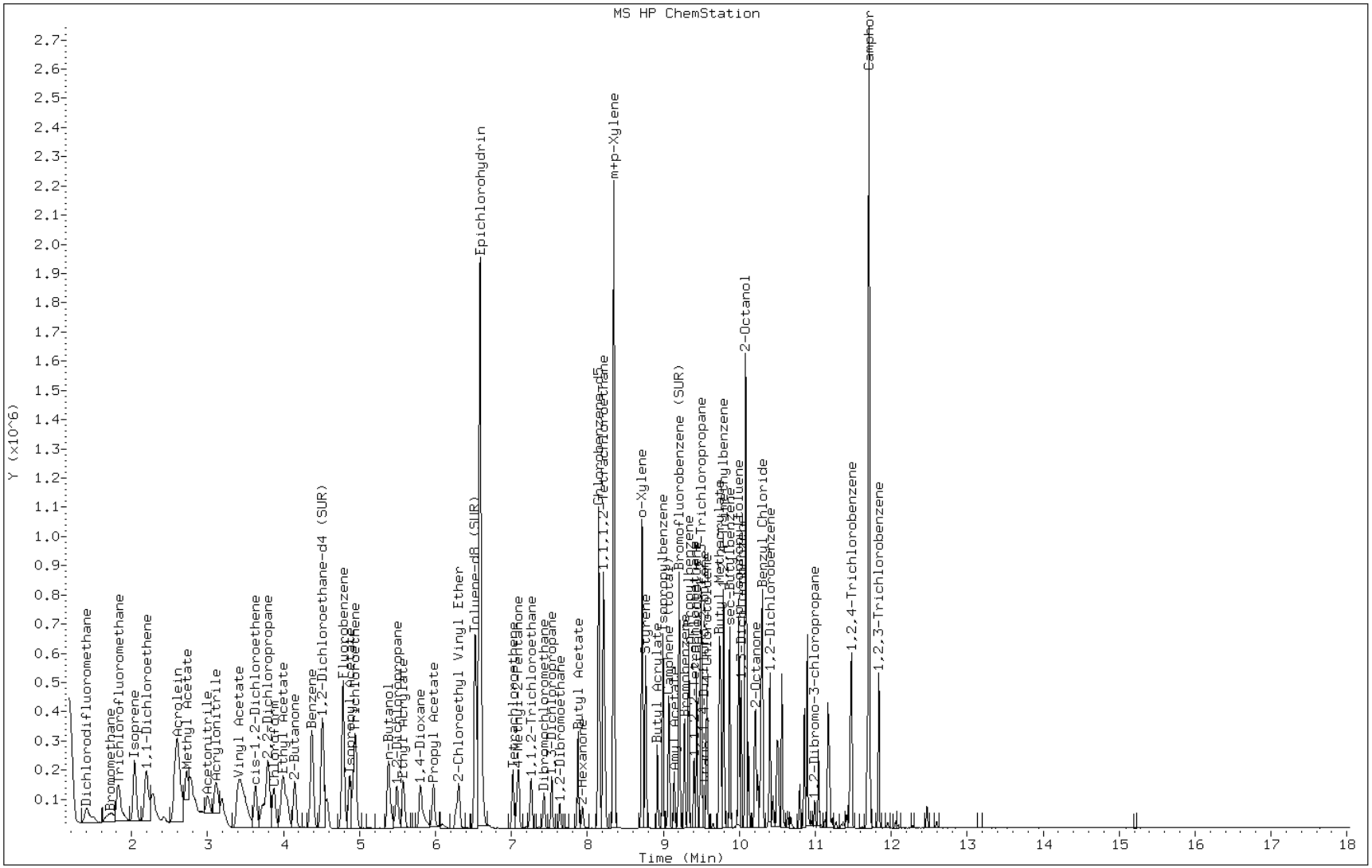
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: d17003.d

Date: 08-MAR-2010 10:57

Client ID: Instrument: VOAMS4.i

Sample Info: 460-10889-B-21MSD;50 Operator:



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 02/02/2010 08:08

Analysis Batch Number: 29643 End Date: 02/02/2010 11:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-29643/1		02/02/2010 08:08	1	d16200.d	Rtx-624 0.25(mm)
ICIS 460-29643/2		02/02/2010 08:26	1	d16201.d	Rtx-624 0.25(mm)
IC 460-29643/3		02/02/2010 09:15	1	d16203.d	Rtx-624 0.25(mm)
IC 460-29643/4		02/02/2010 10:04	1	d16205.d	Rtx-624 0.25(mm)
IC 460-29643/5		02/02/2010 10:28	1	d16206.d	Rtx-624 0.25(mm)
IC 460-29643/6		02/02/2010 10:52	1	d16207.d	Rtx-624 0.25(mm)
IC 460-29643/7		02/02/2010 11:16	1	d16208.d	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 03/05/2010 06:49

Analysis Batch Number: 31311 End Date: 03/05/2010 18:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-31311/1		03/05/2010 06:49	1	d16903.d	Rtx-624 0.25(mm)
CCVIS 460-31311/2		03/05/2010 07:02	1	d16904.d	Rtx-624 0.25(mm)
LCS 460-31311/3		03/05/2010 07:44	1	d16905.d	Rtx-624 0.25(mm)
MB 460-31311/4		03/05/2010 08:33	1	d16907.d	Rtx-624 0.25(mm)
460-10889-22	TRIP BLANK-017338-030310-ACH-001	03/05/2010 09:08	1	d16908.d	Rtx-624 0.25(mm)
460-10889-1	GW-017338-030110-ACH-001	03/05/2010 09:32	1	d16909.d	Rtx-624 0.25(mm)
460-10889-2	GW-017338-030110-ACH-002	03/05/2010 09:56	1	d16910.d	Rtx-624 0.25(mm)
460-10889-3	GW-017338-030110-ACH-003	03/05/2010 10:20	1	d16911.d	Rtx-624 0.25(mm)
460-10889-4	GW-017338-030110-ACH-004	03/05/2010 10:45	1	d16912.d	Rtx-624 0.25(mm)
460-10889-6	EB-017338-030210-ACH-006	03/05/2010 11:09	1	d16913.d	Rtx-624 0.25(mm)
460-10889-8	GW-017338-030210-ACH-008	03/05/2010 11:34	1	d16914.d	Rtx-624 0.25(mm)
460-10889-3 MS	GW-017338-030110-ACH-003 MS	03/05/2010 11:58	1	d16915.d	Rtx-624 0.25(mm)
460-10889-3 MSD	GW-017338-030110-ACH-003 MSD	03/05/2010 12:22	1	d16916.d	Rtx-624 0.25(mm)
460-10889-5	GW-017338-030210-RAM-005	03/05/2010 13:11	1	d16918.d	Rtx-624 0.25(mm)
460-10889-7	GW-017338-030210-RAM-007	03/05/2010 13:35	1	d16919.d	Rtx-624 0.25(mm)
460-10889-11	GW-017338-030210-RAM-011	03/05/2010 13:59	1	d16920.d	Rtx-624 0.25(mm)
460-10889-14	GW-017338-030310-ACH-014	03/05/2010 14:24	1	d16921.d	Rtx-624 0.25(mm)
460-10889-9	GW-017338-030210-RAM-009	03/05/2010 14:48	1	d16922.d	Rtx-624 0.25(mm)
460-10889-15	GW-017338-030310-RAM-015	03/05/2010 15:12	1	d16923.d	Rtx-624 0.25(mm)
460-10889-16	GW-017338-030310-ACH-016	03/05/2010 15:37	1	d16924.d	Rtx-624 0.25(mm)
460-10889-12 DL	GW-017338-030210-ACH-012 DL	03/05/2010 16:25	25	d16926.d	Rtx-624 0.25(mm)
460-10889-10	GW-017338-030210-ACH-010	03/05/2010 17:14	1	d16928.d	Rtx-624 0.25(mm)
460-10889-13 DL	GW-017338-030210-ACH-013 DL	03/05/2010 17:38	2	d16929.d	Rtx-624 0.25(mm)
460-10889-12	GW-017338-030210-ACH-012	03/05/2010 18:02	2	d16930.d	Rtx-624 0.25(mm)
CCV 460-31311/17		03/05/2010 18:51	1	d16932.d	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 03/08/2010 06:49

Analysis Batch Number: 31440 End Date: 03/08/2010 17:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-31440/4		03/08/2010 06:49	1	d16995.d	Rtx-624 0.25(mm)
CCVIS 460-31440/1		03/08/2010 08:03	1	d16997.d	Rtx-624 0.25(mm)
LCS 460-31440/2		03/08/2010 08:44	1	d16998.d	Rtx-624 0.25(mm)
MB 460-31440/3		03/08/2010 09:32	1	d17000.d	Rtx-624 0.25(mm)
460-10889-21	GW-017338-030310-RAM-021	03/08/2010 10:08	1	d17001.d	Rtx-624 0.25(mm)
460-10889-21 MS	GW-017338-030310-RAM-021 MS	03/08/2010 10:33	50	d17002.d	Rtx-624 0.25(mm)
460-10889-21 MSD	GW-017338-030310-RAM-021 MSD	03/08/2010 10:57	50	d17003.d	Rtx-624 0.25(mm)
460-10889-18	GW-017338-030310-ACH-018	03/08/2010 11:45	1	d17005.d	Rtx-624 0.25(mm)
460-10889-16 DL	GW-017338-030310-ACH-016 DL	03/08/2010 12:09	5	d17006.d	Rtx-624 0.25(mm)
460-10889-19 DL	GW-017338-030310-RAM-019 DL	03/08/2010 12:33	1000	d17007.d	Rtx-624 0.25(mm)
460-10889-19	GW-017338-030310-RAM-019	03/08/2010 13:02	50	d17008.d	Rtx-624 0.25(mm)
460-10889-20	GW-017338-030310-ACH-020	03/08/2010 14:14	1	d17011.d	Rtx-624 0.25(mm)
460-10889-20 DL	GW-017338-030310-ACH-020 DL	03/08/2010 15:03	10	d17013.d	Rtx-624 0.25(mm)
460-10889-21 DL	GW-017338-030310-RAM-021 DL	03/08/2010 15:27	10	d17014.d	Rtx-624 0.25(mm)
460-10889-13	GW-017338-030210-ACH-013	03/08/2010 16:16	1	d17016.d	Rtx-624 0.25(mm)
460-10889-17	GW-017338-030310-RAM-017	03/08/2010 17:05	1	d17018.d	Rtx-624 0.25(mm)
CCV 460-31440/17		03/08/2010 17:53	1	d17020.d	Rtx-624 0.25(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260_09/02-02-10DE/02feb10.b

Date Generated: 02/08/2010

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#24643

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD	COMMENTS
										8260 HIGH	
02/02/10 0808	d16200.d	2	BFB		0	0	1	all		8260 IS: 319351 SURR 500:	G
02/02/10 0826	d16201.d	1	ICIS-VM8CAL3		5	0	1	all		SURR 250: 362427 GAS 500:	G
02/02/10 0915	d16203.d	3	IC-VM8CAL2		5	0	1	all		365367 MIX 1 500: 365370	G
02/02/10 1004	d16205.d	5	IC-VM8CAL1		5	0	1	all		MIX 2 500: 365372 MIX 3:	G
02/02/10 1028	d16206.d	6	IC-VM8CAL4		5	0	1	all		365373 AC/AC: 365375 GAS SP:	G
02/02/10 1052	d16207.d	7	IC-VM8CAL5		5	0	1	all		365368 8260 SP: 365377 MIX 3 SP:	G
02/02/10 1116	d16208.d	8	IC-VM8CAL6		5	0	1	all		365374 AC/AC SP: 365376 MISC: Methanol: 365378 BFB: 301165 MeOH: 649642	G

Signed: Eddie Martinez Read and Understood by: Ken Borgen

Date: 02/08/10 Date: 02/08/10

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b

Date Generated: 03/05/2010

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#31311

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
03/05/10 0649	d16903.d	2	BFB		0	0	1	all		8260 HIGH	G
03/05/10 0702	d16904.d	1	CCVIS		5	0	1	all		8260 IS: 369854 SURR 500:	G
03/05/10 0744	d16905.d	2	LCS		5	0	1	all		SURR 250: 369855 GAS 500: 387668	G
03/05/10 0809	d16906.d	3	MB		5	0	1	all		MIX 1 500: 388344 MIX 2 500: 388396	NA NOT USED
03/05/10 0833	d16907.d	4	MB		5	0	1	all		MIX 3: 388412 AC/AC: 388415	G
03/05/10 0908	d16908.d	5	460-10889-C-22	TRIP BLANK-017338-0	5	0	1	all	LL	GAS SP: 387669 8260 SP: 388417	G
03/05/10 0932	d16909.d	6	460-10889-A-1	GW-017338-030110-AC	5	0	1	all	LL	MIX 3 SP: 388414 AC/AC SP: 388416	G
03/05/10 0956	d16910.d	7	460-10889-C-2	GW-017338-030110-AC	5	0	1	all	LL	MISC: BFB 361165 MEOH 6048642	G
03/05/10 1020	d16911.d	8	460-10889-C-3	GW-017338-030110-AC	5	0	1	all	LL		G
03/05/10 1045	d16912.d	9	460-10889-C-4	GW-017338-030110-AC	5	0	1	all	LL		G
03/05/10 1109	d16913.d	10	460-10889-B-6	EB-017338-030210-AC	5	0	1	all	LL		G
03/05/10 1134	d16914.d	11	460-10889-C-8	GW-017338-030210-AC	5	0	1	all	LL		G
03/05/10 1158	d16915.d	12	460-10889-A-3 MS	GW-017338-030110-AC	5	0	1	all	LL		G
03/05/10 1222	d16916.d	13	460-10889-A-3 MSD	GW-017338-030110-AC	5	0	1	all	LL		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b

Date Generated: 03/05/2010

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
03/05/10 1246	d16917.d	14	BLANK		5	0	1	all			NH clean up
03/05/10 1311	d16918.d	15	460-10889-C-5	GW-017338-030210-RA	5	0	1	all	LJ		G
03/05/10 1335	d16919.d	16	460-10889-C-7	GW-017338-030210-RA	5	0	1	all	LJ		G
03/05/10 1359	d16920.d	17	460-10889-C-11	GW-017338-030210-RA	5	0	1	all	LJ		G
03/05/10 1424	d16921.d	18	460-10889-C-14	GW-017338-030310-AC	5	0	1	all	LJ		G
03/05/10 1448	d16922.d	19	460-10889-C-9	GW-017338-030210-RA	5	0	1	all	LJ		G
03/05/10 1512	d16923.d	20	460-10889-C-15	GW-017338-030310-RA	5	0	1	all	LJ		RR TO DONE
03/05/10 1537	d16924.d	21	460-10889-C-16	GW-017338-030310-AC	5	0	1	all	LJ		See DI @ 5X in 3138
03/05/10 1601	d16925.d	22	460-10889-C-10	GW-017338-030210-AC	5	0	5	all	LJ		NH RR STR
03/05/10 1625	d16926.d	23	460-10889-C-12 DI	GW-017338-030210-AC	5	0	25	all	LJ		G
03/05/10 1649	d16927.d	24	460-10889-C-13	GW-017338-030210-AC	5	0	10	all	LJ		NH RR STR/DV
03/05/10 1714	d16928.d	25	460-10889-C-10	GW-017338-030210-AC	5	0	1	all	LJ		G
03/05/10 1738	d16929.d	26	460-10889-C-13	GW-017338-030210-AC	5	0	2	all	LJ		G See STR RUN in 3138
03/05/10 1802	d16930.d	27	460-10889-C-12	GW-017338-030210-AC	5	0	2	all	LJ		G See DI ~~in 3126~~ in 3138

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260_09/02-02-10DE/05mar10.b

Date Generated: 03/05/2010

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
03/05/10 1826	d16931.d	28	CCV		5	0	1	all			NH NOT used
03/05/10 1851	d16932.d	29	CCV		5	0	1	all			C
03/05/10 1915	d16933.d	30	BLANK		5	0	1	all			NH clean up

Signed: Eddie Ma for SD Read and Understood by: S. Kinsey

Date: 03/05/10 Date: 03/05/10

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b

Date Generated: 03/08/2010

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
										8260 HIGH	
03/08/10 0649	d16995.d	2	BFB		0	0	1	all		8260 IS: 364564	G
03/08/10 0703	d16996.d	1	CCVIS		5	0	1	all		SURR 500:	NA wrong file
03/08/10 0803	d16997.d	2	CCVIS		5	0	1	all		SURR 250: 364655 GAS 500: 386366 MIX 1 500: 386394 MIX 2 500: 386396 MIX 3: 386412 AC/AC: 386415 GAS SP: 386469 8260 SP: 386417 MIX 3 SP: 386414 AC/AC SP: 386416 MISC: DFB. 38115 MeOH 644642	G
03/08/10 0844	d16998.d	3	LCS		5	0	1	all			G
03/08/10 0908	d16999.d	4	MB		5	0	1	all			NA c/o
03/08/10 0932	d17000.d	5	MB		5	0	1	all			G
03/08/10 1008	d17001.d	6	460-10889-B-21	GW-017338-030310-RA	5	0	1	all	LJ		G See DI C 10
03/08/10 1033	d17002.d	7	460-10889-B-21MS		5	0	50	all	LJ		G
03/08/10 1057	d17003.d	8	460-10889-B-21MSD		5	0	50	all	LJ		G
03/08/10 1121	d17004.d	9	BLANK		5	0	1	all			NA clean up
03/08/10 1145	d17005.d	10	460-10889-B-18	GW-017338-030310-AC	5	0	1	all	LJ		G
03/08/10 1209	d17006.d	11	460-10889-B-16D1	GW-017338-030310-AC	5	0	5	all	LJ		G
03/08/10 1233	d17007.d	12	460-10889-C-19D1	GW-017338-030310-RE	5	0	1000	all	LJ		G
03/08/10 1302	d17008.d	13	460-10889-C-19	GW-017338-030310-RE	5	0	50	all	LJ		G

03/24/2010

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260_09/02-02-10DE/08mar10.b

Date Generated: 03/08/2010

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
03/08/10 1326	d17009.d	14	BLANK		5	0	1	all			NH clean up
03/08/10 1350	d17010.d	15	460-10889-B-20 DL SM 03/08/10	GW-017338-030310-AC	5	0	5	all	LJ		NH RE DI @ 10X
03/08/10 1414	d17011.d	16	460-10889-B-20	GW-017338-030310-AC	5	0	1	all	LJ		C See DI
03/08/10 1439	d17012.d	17	BLANK		5	0	1	all			NH clean up
03/08/10 1503	d17013.d	18	460-10889-B-20 DI	GW-017338-030310-AC	5	0	10	all	LJ		C
03/08/10 1527	d17014.d	19	460-10889-B-21 DI	GW-017338-030310-RA	5	0	10	all	LJ		C
03/08/10 1552	d17015.d	20	BLANK		5	0	1	all			NH clean up
03/08/10 1616	d17016.d	21	460-10889-A-13	GW-017338-030210-AC	5	0	1	all	LJ		C See DI in #3/3/11
03/08/10 1640	d17017.d	22	BLANK		5	0	1	all			NH clean up
03/08/10 1705	d17018.d	23	460-10889-B-17	GW-017338-030310-RA	5	0	1	all	LJ		C
03/08/10 1729	d17019.d	24	CCV		5	0	1	all			NH not used
03/08/10 1753	d17020.d	25	CCV		5	0	1	all			C

Signed: Eddie Mey for SO Read and Understood by: S. McSe

Date: 03/08/10 Date: 03/08/10

Method 8270 DEL

Semivolatile Organics (GC/MS) by Method 8270 (Delaware)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
GW-017338-030110-A CH-001	460-10889-1	44	29	96	89	103	94
GW-017338-030110-A CH-002	460-10889-2	45	30	99	89	102	90
GW-017338-030110-A CH-003	460-10889-3	49	33	95	94	106	91
GW-017338-030110-A CH-004	460-10889-4	43	28	96	84	88	80
GW-017338-030210-R AM-005	460-10889-5	44	29	96	89	89	90
EB-017338-030210-A CH-006	460-10889-6	39	27	89	82	88	84
GW-017338-030210-R AM-007	460-10889-7	39	27	90	83	91	83
GW-017338-030210-A CH-008	460-10889-8	35	24	84	78	81	75
GW-017338-030210-R AM-009	460-10889-9	25	31	93	86	91	82
GW-017338-030210-A CH-010	460-10889-10	34	29	79	70	77	74
GW-017338-030210-R AM-011	460-10889-11	39	27	90	83	91	82
GW-017338-030210-A CH-012	460-10889-12	19	23	73	81	93	79
GW-017338-030210-A CH-013	460-10889-13	36	24	73	85	91	73
GW-017338-030210-A CH-013 DL	460-10889-13 DL	40	26	79	92	101	76
GW-017338-030310-A CH-014	460-10889-14	38	25	90	76	92	86
GW-017338-030310-R AM-015	460-10889-15	31	20	74	65	66	71
GW-017338-030310-A CH-016	460-10889-16	48	34	82	78	87	71
GW-017338-030310-R AM-017	460-10889-17	52	39	88	88	100	82
GW-017338-030310-A CH-018	460-10889-18	51	36	87	83	92	77
GW-017338-030310-R AM-019	460-10889-19	13 X	40	88	72	101	74
GW-017338-030310-R AM-019 DL	460-10889-19 DL	27	46	103	85	107	96
GW-017338-030310-A CH-020	460-10889-20	17	33	89	72	98	73
GW-017338-030310-R AM-021	460-10889-21	23	31	70	76	92	73
GW-017338-030310-R AM-021 DL	460-10889-21 DL	0 D	0 D	0 D	0 D	0 D	0 D
	MB 460-31280/1-A	46	31	96	91	103	90

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	14-68
PHL = Phenol-d5 (Surr)	9-48
NBZ = Nitrobenzene-d5 (Surr)	61-120
FBP = 2-Fluorobiphenyl	61-112
TBP = 2,4,6-Tribromophenol (Surr)	50-119
TPH = Terphenyl-d14 (Surr)	41-124

Column to be used to flag recovery values

FORM II 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
	MB 460-31376/1-A	51	36	96	87	107	84
	LCS 460-31280/2-A	45	29	87	84	94	87
	LCS 460-31376/2-A	54	35	98	94	106	90
	LCSD 460-31376/3-A	52	34	92	86	97	84
GW-017338-030110-A CH-003 MS	460-10889-3 MS	41	32	81	87	86	76
GW-017338-030110-A CH-003 MSD	460-10889-3 MSD	40	32	81	88	95	80

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	14-68
PHL = Phenol-d5 (Surr)	9-48
NBZ = Nitrobenzene-d5 (Surr)	61-120
FBP = 2-Fluorobiphenyl	61-112
TBP = 2,4,6-Tribromophenol (Surr)	50-119
TPH = Terphenyl-d14 (Surr)	41-124

Column to be used to flag recovery values

FORM II 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPH #
GW-017338-030210-ACH-012	460-10889-12	77	90	99
GW-017338-030310-RAM-019	460-10889-19	91	87	84
	LCS 460-31280/2-A	89	91	100
	LCS 460-31376/2-A	100	100	104
	LCSD 460-31376/3-A	95	95	100
GW-017338-030110-ACH-003 MS	460-10889-3 MS	84	92	93
GW-017338-030110-ACH-003 MSD	460-10889-3 MSD	84	98	96

	QC LIMITS
NBZ = Nitrobenzene-d5 (Surr)	61-120
FBP = 2-Fluorobiphenyl	61-112
TPH = Terphenyl-d14 (Surr)	41-124

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z8512.d

Lab ID: LCS 460-31280/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1'-Biphenyl	100	91.2	91	63-123	
Phenol	100	35.4	35	31-128	
2,4,6-Trichlorophenol	100	89.3	89	70-112	
Bis(2-chloroethyl)ether	100	88.0	88	76-132	
2,4-Dichlorophenol	100	87.6	88	66-108	
2-Chlorophenol	100	75.2	75	57-96	
2,4-Dinitrotoluene	100	96.8	97	71-119	
2,2'-oxybis[1-chloropropane]	100	91.0	91	71-123	
Acetophenone	100	100	100	81-158	
2-Methylnaphthalene	100	88.5	89	71-122	
4-Methylphenol	100	64.6	65	35-75	
2-Methylphenol	100	66.0	66	44-87	
2-Nitroaniline	100	89.9	90	64-114	
Hexachloroethane	100	78.0	78	58-103	
Nitrobenzene	100	84.7	85	66-118	
4-Chloro-3-methylphenol	100	84.9	85	62-105	
Isophorone	100	92.0	92	73-108	
2-Nitrophenol	100	82.6	83	66-110	
4-Chlorophenyl phenyl ether	100	90.9	91	70-115	
2,4-Dimethylphenol	100	77.3	77	58-98	
4-Nitroaniline	100	90.7	91	61-110	
4-Nitrophenol	100	24.4 J	24	10-50	
Bis(2-chloroethoxy)methane	100	90.4	90	74-116	
Atrazine	100	93.6	94	47-129	
Naphthalene	100	84.1	84	64-110	
4-Chloroaniline	100	90.0	90	63-105	
Benzo[a]pyrene	100	85.4	85	47-98	
Hexachlorobutadiene	100	76.1	76	61-117	
Benzo[k]fluoranthene	100	98.6	99	46-119	
Caprolactam	100	19.0	19	10-44	
Carbazole	100	92.0	92	64-110	
Hexachlorocyclopentadiene	100	66.0	66	42-110	
Dibenz(a,h)anthracene	100	89.2	89	51-112	
2,4,5-Trichlorophenol	100	89.2	89	67-109	
Dimethyl phthalate	100	101	101	70-131	
2-Chloronaphthalene	100	84.0	84	65-109	
Fluoranthene	100	89.7	90	67-115	
Fluorene	100	91.7	92	72-130	
2,6-Dinitrotoluene	100	91.7	92	67-120	
Acenaphthylene	100	88.1	88	60-119	
3-Nitroaniline	100	90.5	91	62-111	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z8512.d

Lab ID: LCS 460-31280/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
N-Nitrosodi-n-propylamine	100	100	100	76-117	
Acenaphthene	100	97.1	97	67-114	
2,4-Dinitrophenol	100	70.0	70	34-120	
Dibenzofuran	100	90.0	90	71-115	
Diethyl phthalate	100	92.0	92	66-116	
4,6-Dinitro-2-methylphenol	100	86.9	87	64-115	
N-Nitrosodiphenylamine	100	99.8	100	69-114	
4-Bromophenyl phenyl ether	100	87.3	87	71-118	
Hexachlorobenzene	100	87.7	88	73-120	
Pentachlorophenol	100	83.8	84	67-125	
Phenanthrene	100	90.7	91	65-114	
Anthracene	100	89.5	90	65-113	
Di-n-butyl phthalate	100	87.8	88	53-120	
Pyrene	100	88.9	89	64-127	
Butyl benzyl phthalate	100	88.4	88	56-126	
3,3'-Dichlorobenzidine	100	100	100	64-132	
Benzo[a]anthracene	100	90.3	90	65-125	
Chrysene	100	95.1	95	66-130	
Bis(2-ethylhexyl) phthalate	100	91.3	91	30-134	
Di-n-octyl phthalate	100	90.3	90	39-117	
Benzo[b]fluoranthene	100	88.4	88	60-112	
Indeno[1,2,3-cd]pyrene	100	90.8	91	54-117	
Benzo[g,h,i]perylene	100	94.5	94	46-113	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z8983.d

Lab ID: LCS 460-31280/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	100	66.7	67	80-154	*

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z8551.d

Lab ID: LCS 460-31376/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1'-Biphenyl	100	106	106	63-123	
Phenol	100	43.2	43	31-128	
2,4,6-Trichlorophenol	100	101	101	70-112	
Bis(2-chloroethyl)ether	100	100	100	76-132	
2,4-Dichlorophenol	100	100	100	66-108	
2-Chlorophenol	100	89.3	89	57-96	
2,4-Dinitrotoluene	100	109	109	71-119	
2,2'-oxybis[1-chloropropane]	100	106	106	71-123	
Acetophenone	100	112	112	81-158	
2-Methylnaphthalene	100	101	101	71-122	
4-Methylphenol	100	74.3	74	35-75	
2-Methylphenol	100	76.1	76	44-87	
2-Nitroaniline	100	105	105	64-114	
Hexachloroethane	100	97.2	97	58-103	
Nitrobenzene	100	97.6	98	66-118	
4-Chloro-3-methylphenol	100	89.8	90	62-105	
Isophorone	100	100	100	73-108	
2-Nitrophenol	100	97.1	97	66-110	
4-Chlorophenyl phenyl ether	100	102	102	70-115	
2,4-Dimethylphenol	100	90.8	91	58-98	
4-Nitroaniline	100	107	107	61-110	
4-Nitrophenol	100	32.9	33	10-50	
Bis(2-chloroethoxy)methane	100	98.7	99	74-116	
Atrazine	100	107	107	47-129	
Naphthalene	100	98.0	98	64-110	
4-Chloroaniline	100	84.4	84	63-105	
Benzo[a]pyrene	100	92.9	93	47-98	
Hexachlorobutadiene	100	96.1	96	61-117	
Benzo[k]fluoranthene	100	104	104	46-119	
Caprolactam	100	21.0	21	10-44	
Carbazole	100	101	101	64-110	
Hexachlorocyclopentadiene	100	95.9	96	42-110	
Dibenz(a,h)anthracene	100	102	102	51-112	
2,4,5-Trichlorophenol	100	110	110	67-109	*
Dimethyl phthalate	100	110	110	70-131	
2-Chloronaphthalene	100	98.8	99	65-109	
Fluoranthene	100	94.4	94	67-115	
Fluorene	100	104	104	72-130	
2,6-Dinitrotoluene	100	106	106	67-120	
Acenaphthylene	100	104	104	60-119	
3-Nitroaniline	100	95.6	96	62-111	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z8551.d

Lab ID: LCS 460-31376/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
N-Nitrosodi-n-propylamine	100	109	109	76-117	
Acenaphthene	100	112	112	67-114	
2,4-Dinitrophenol	100	92.2	92	34-120	
Dibenzofuran	100	104	104	71-115	
Diethyl phthalate	100	105	105	66-116	
4,6-Dinitro-2-methylphenol	100	101	101	64-115	
N-Nitrosodiphenylamine	100	107	107	69-114	
4-Bromophenyl phenyl ether	100	95.7	96	71-118	
Hexachlorobenzene	100	95.4	95	73-120	
Pentachlorophenol	100	92.2	92	67-125	
Phenanthrene	100	96.5	96	65-114	
Anthracene	100	96.3	96	65-113	
Di-n-butyl phthalate	100	96.2	96	53-120	
Pyrene	100	96.5	97	64-127	
Butyl benzyl phthalate	100	96.6	97	56-126	
3,3'-Dichlorobenzidine	100	116	116	64-132	
Benzo[a]anthracene	100	96.5	97	65-125	
Chrysene	100	99.2	99	66-130	
Bis(2-ethylhexyl) phthalate	100	93.6	94	30-134	
Di-n-octyl phthalate	100	95.1	95	39-117	
Benzo[b]fluoranthene	100	94.4	94	60-112	
Indeno[1,2,3-cd]pyrene	100	95.2	95	54-117	
Benzo[g,h,i]perylene	100	103	103	46-113	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z8980.d

Lab ID: LCS 460-31376/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	100	78.4	78	80-154	*

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z8552.d

Lab ID: LCSD 460-31376/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1'-Biphenyl	100	98.9	99	7	30	63-123	
Phenol	100	41.4	41	4	30	31-128	
2,4,6-Trichlorophenol	100	96.3	96	5	30	70-112	
Bis(2-chloroethyl)ether	100	96.9	97	3	30	76-132	
2,4-Dichlorophenol	100	95.3	95	5	30	66-108	
2-Chlorophenol	100	85.8	86	4	30	57-96	
2,4-Dinitrotoluene	100	101	101	7	30	71-119	
2,2'-oxybis[1-chloropropane]	100	101	101	5	30	71-123	
Acetophenone	100	106	106	6	30	81-158	
2-Methylnaphthalene	100	95.0	95	6	30	71-122	
4-Methylphenol	100	73.5	73	1	30	35-75	
2-Methylphenol	100	73.1	73	4	30	44-87	
2-Nitroaniline	100	96.5	96	8	30	64-114	
Hexachloroethane	100	92.9	93	5	30	58-103	
Nitrobenzene	100	91.3	91	7	30	66-118	
4-Chloro-3-methylphenol	100	86.4	86	4	30	62-105	
Isophorone	100	95.2	95	5	30	73-108	
2-Nitrophenol	100	92.7	93	5	30	66-110	
4-Chlorophenyl phenyl ether	100	94.1	94	8	30	70-115	
2,4-Dimethylphenol	100	85.6	86	6	30	58-98	
4-Nitroaniline	100	99.3	99	8	30	61-110	
4-Nitrophenol	100	30.9	31	6	30	10-50	
Bis(2-chloroethoxy)methane	100	93.7	94	5	30	74-116	
Atrazine	100	100	100	7	30	47-129	
Naphthalene	100	92.1	92	6	30	64-110	
4-Chloroaniline	100	78.7	79	7	30	63-105	
Benzo[a]pyrene	100	86.0	86	8	30	47-98	
Hexachlorobutadiene	100	91.4	91	5	30	61-117	
Benzo[k]fluoranthene	100	95.2	95	9	30	46-119	
Caprolactam	100	20.2	20	4	30	10-44	
Carbazole	100	95.8	96	5	30	64-110	
Hexachlorocyclopentadiene	100	89.9	90	6	30	42-110	
Dibenz(a,h)anthracene	100	87.9	88	15	30	51-112	
2,4,5-Trichlorophenol	100	102	102	8	30	67-109	
Dimethyl phthalate	100	103	103	7	30	70-131	
2-Chloronaphthalene	100	92.3	92	7	30	65-109	
Fluoranthene	100	90.7	91	4	30	67-115	
Fluorene	100	96.7	97	7	30	72-130	
2,6-Dinitrotoluene	100	97.4	97	8	30	67-120	
Acenaphthylene	100	96.2	96	8	30	60-119	
3-Nitroaniline	100	89.6	90	6	30	62-111	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z8552.d

Lab ID: LCSD 460-31376/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
N-Nitrosodi-n-propylamine	100	105	105	4	30	76-117	
Acenaphthene	100	104	104	7	30	67-114	
2,4-Dinitrophenol	100	83.1	83	10	30	34-120	
Dibenzofuran	100	96.9	97	7	30	71-115	
Diethyl phthalate	100	99.7	100	5	30	66-116	
4,6-Dinitro-2-methylphenol	100	91.0	91	10	30	64-115	
N-Nitrosodiphenylamine	100	101	101	6	30	69-114	
4-Bromophenyl phenyl ether	100	90.3	90	6	30	71-118	
Hexachlorobenzene	100	88.7	89	7	30	73-120	
Pentachlorophenol	100	87.7	88	5	30	67-125	
Phenanthrene	100	90.4	90	7	30	65-114	
Anthracene	100	91.5	92	5	30	65-113	
Di-n-butyl phthalate	100	92.0	92	4	30	53-120	
Pyrene	100	91.2	91	6	30	64-127	
Butyl benzyl phthalate	100	91.1	91	6	30	56-126	
3,3'-Dichlorobenzidine	100	117	117	1	30	64-132	
Benzo[a]anthracene	100	92.4	92	4	30	65-125	
Chrysene	100	94.5	94	5	30	66-130	
Bis(2-ethylhexyl) phthalate	100	91.7	92	2	30	30-134	
Di-n-octyl phthalate	100	86.6	87	9	30	39-117	
Benzo[b]fluoranthene	100	86.4	86	9	30	60-112	
Indeno[1,2,3-cd]pyrene	100	93.3	93	2	30	54-117	
Benzo[g,h,i]perylene	100	93.4	93	10	30	46-113	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z8981.d

Lab ID: LCSD 460-31376/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzaldehyde	100	72.9	73	7	30	80-154	*

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z8514.d

Lab ID: 460-10889-3 MS Client ID: GW-017338-030110-ACH-003 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1'-Biphenyl	102	10 U	96.2	94	63-123	
Phenol	102	10 U	38.6	38	31-128	
2,4,6-Trichlorophenol	102	10 U	89.4	88	70-112	
Bis(2-chloroethyl)ether	102	1.0 U	89.0	87	76-132	
2,4-Dichlorophenol	102	10 U	87.6	86	66-108	
2-Chlorophenol	102	10 U	74.4	73	57-96	
2,4-Dinitrotoluene	102	2.0 U	89.8	88	71-119	
2,2'-oxybis[1-chloropropane]	102	10 U	91.7	90	71-123	
Acetophenone	102	10 U	96.8	95	81-158	
2-Methylnaphthalene	102	10 U	91.3	89	71-122	
4-Methylphenol	102	10 U	74.9	73	35-75	
2-Methylphenol	102	10 U	74.7	73	44-87	
2-Nitroaniline	102	20 U	88.1	86	64-114	
Hexachloroethane	102	1.0 U	81.9	80	58-103	
Nitrobenzene	102	1.0 U	86.8	85	66-118	
4-Chloro-3-methylphenol	102	10 U	81.3	80	62-105	
Isophorone	102	10 U	87.7	86	73-108	
2-Nitrophenol	102	10 U	84.3	83	66-110	
4-Chlorophenyl phenyl ether	102	10 U	88.6	87	70-115	
2,4-Dimethylphenol	102	10 U	85.5	84	58-98	
4-Nitroaniline	102	20 U	73.6	72	61-110	
4-Nitrophenol	102	31 U	18.4 J	18	10-50	
Bis(2-chloroethoxy)methane	102	10 U	89.2	87	74-116	
Atrazine	102	10 U	80.0	78	47-129	
Naphthalene	102	100	159	56	64-110	F
4-Chloroaniline	102	10 U	76.0	74	63-105	
Benzo[a]pyrene	102	1.0 U	82.7	81	47-98	
Hexachlorobutadiene	102	2.0 U	81.9	80	61-117	
Benzo[k]fluoranthene	102	1.0 U	88.2	86	46-119	
Caprolactam	102	10 U	13.2	13	10-44	
Carbazole	102	10 U	87.7	86	64-110	
Hexachlorocyclopentadiene	102	10 U	67.9	67	42-110	
Dibenz(a,h)anthracene	102	1.0 U	93.0	91	51-112	
2,4,5-Trichlorophenol	102	10 U	89.9	88	67-109	
Dimethyl phthalate	102	10 U	91.7	90	70-131	
2-Chloronaphthalene	102	10 U	88.7	87	65-109	
Fluoranthene	102	10 U	85.0	83	67-115	
Fluorene	102	10 U	89.2	87	72-130	
2,6-Dinitrotoluene	102	2.0 U	87.0	85	67-120	
Acenaphthylene	102	10 U	87.2	85	60-119	
3-Nitroaniline	102	20 U	74.2	73	62-111	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z8514.d

Lab ID: 460-10889-3 MS Client ID: GW-017338-030110-ACH-003 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
N-Nitrosodi-n-propylamine	102	1.0 U	95.7	94	76-117	
Acenaphthene	102	10 U	98.8	97	67-114	
2,4-Dinitrophenol	102	31 U	80.6	79	34-120	
Dibenzofuran	102	10 U	90.1	88	71-115	
Diethyl phthalate	102	10 U	83.7	82	66-116	
4,6-Dinitro-2-methylphenol	102	31 U	84.7	83	64-115	
N-Nitrosodiphenylamine	102	10 U	98.0	96	69-114	
4-Bromophenyl phenyl ether	102	10 U	87.3	86	71-118	
Hexachlorobenzene	102	1.0 U	87.6	86	73-120	
Pentachlorophenol	102	31 U	88.1	86	67-125	
Phenanthrene	102	10 U	90.6	89	65-114	
Anthracene	102	10 U	88.1	86	65-113	
Di-n-butyl phthalate	102	10 U	81.8	80	53-120	
Pyrene	102	10 U	81.9	80	64-127	
Butyl benzyl phthalate	102	10 U	82.4	81	56-126	
3,3'-Dichlorobenzidine	102	20 U	91.5	90	64-132	
Benzo[a]anthracene	102	1.0 U	88.0	86	65-125	
Chrysene	102	10 U	89.6	88	66-130	
Bis(2-ethylhexyl) phthalate	102	10 U	84.3	83	30-134	
Di-n-octyl phthalate	102	10 U	79.6	78	39-117	
Benzo[b]fluoranthene	102	1.0 U	86.3	85	60-112	
Indeno[1,2,3-cd]pyrene	102	1.0 U	97.0	95	54-117	
Benzo[g,h,i]perylene	102	10 U	96.9	95	46-113	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z8985.d

Lab ID: 460-10889-3 MS Client ID: GW-017338-030110-ACH-003 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Benzaldehyde	102	10 U	62.1	61	80-154	F

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z8515.d

Lab ID: 460-10889-3 MSD Client ID: GW-017338-030110-ACH-003 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1'-Biphenyl	102	96.8	95	1	30	63-123	
Phenol	102	38.7	38	0	30	31-128	
2,4,6-Trichlorophenol	102	95.6	94	7	30	70-112	
Bis(2-chloroethyl)ether	102	88.8	87	0	30	76-132	
2,4-Dichlorophenol	102	89.3	88	2	30	66-108	
2-Chlorophenol	102	74.3	73	0	30	57-96	
2,4-Dinitrotoluene	102	98.6	97	9	30	71-119	
2,2'-oxybis[1-chloropropane]	102	91.8	90	0	30	71-123	
Acetophenone	102	98.3	96	2	30	81-158	
2-Methylnaphthalene	102	94.4	93	3	30	71-122	
4-Methylphenol	102	75.8	74	1	30	35-75	
2-Methylphenol	102	74.2	73	1	30	44-87	
2-Nitroaniline	102	92.6	91	5	30	64-114	
Hexachloroethane	102	82.2	81	0	30	58-103	
Nitrobenzene	102	86.8	85	0	30	66-118	
4-Chloro-3-methylphenol	102	87.4	86	7	30	62-105	
Isophorone	102	92.1	90	5	30	73-108	
2-Nitrophenol	102	84.8	83	1	30	66-110	
4-Chlorophenyl phenyl ether	102	93.7	92	6	30	70-115	
2,4-Dimethylphenol	102	88.2	86	3	30	58-98	
4-Nitroaniline	102	81.5	80	10	30	61-110	
4-Nitrophenol	102	21.8 J	21	17	30	10-50	
Bis(2-chloroethoxy)methane	102	90.1	88	1	30	74-116	
Atrazine	102	85.8	84	7	30	47-129	
Naphthalene	102	160	57	1	30	64-110	F
4-Chloroaniline	102	78.8	77	4	30	63-105	
Benzo[a]pyrene	102	85.6	84	4	30	47-98	
Hexachlorobutadiene	102	82.0	80	0	30	61-117	
Benzo[k]fluoranthene	102	91.9	90	4	30	46-119	
Caprolactam	102	15.0	15	12	30	10-44	
Carbazole	102	94.1	92	7	30	64-110	
Hexachlorocyclopentadiene	102	67.3	66	1	30	42-110	
Dibenz(a,h)anthracene	102	90.8	89	2	30	51-112	
2,4,5-Trichlorophenol	102	89.8	88	0	30	67-109	
Dimethyl phthalate	102	99.6	98	8	30	70-131	
2-Chloronaphthalene	102	92.4	91	4	30	65-109	
Fluoranthene	102	95.1	93	11	30	67-115	
Fluorene	102	93.9	92	5	30	72-130	
2,6-Dinitrotoluene	102	94.2	92	8	30	67-120	
Acenaphthylene	102	91.0	89	4	30	60-119	
3-Nitroaniline	102	84.2	83	13	30	62-111	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z8515.d

Lab ID: 460-10889-3 MSD Client ID: GW-017338-030110-ACH-003 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
N-Nitrosodi-n-propylamine	102	98.2	96	3	30	76-117	
Acenaphthene	102	102	99	3	30	67-114	
2,4-Dinitrophenol	102	91.1	89	12	30	34-120	
Dibenzofuran	102	94.6	93	5	30	71-115	
Diethyl phthalate	102	91.9	90	9	30	66-116	
4,6-Dinitro-2-methylphenol	102	96.3	94	13	30	64-115	
N-Nitrosodiphenylamine	102	101	99	3	30	69-114	
4-Bromophenyl phenyl ether	102	92.7	91	6	30	71-118	
Hexachlorobenzene	102	92.5	91	5	30	73-120	
Pentachlorophenol	102	94.6	93	7	30	67-125	
Phenanthrene	102	94.4	92	4	30	65-114	
Anthracene	102	93.6	92	6	30	65-113	
Di-n-butyl phthalate	102	91.2	89	11	30	53-120	
Pyrene	102	87.8	86	7	30	64-127	
Butyl benzyl phthalate	102	90.2	88	9	30	56-126	
3,3'-Dichlorobenzidine	102	96.6	95	5	30	64-132	
Benzo[a]anthracene	102	95.8	94	8	30	65-125	
Chrysene	102	95.5	94	6	30	66-130	
Bis(2-ethylhexyl) phthalate	102	92.0	90	9	30	30-134	
Di-n-octyl phthalate	102	85.7	84	7	30	39-117	
Benzo[b]fluoranthene	102	87.8	86	2	30	60-112	
Indeno[1,2,3-cd]pyrene	102	98.7	97	2	30	54-117	
Benzo[g,h,i]perylene	102	96.4	94	1	30	46-113	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z8986.d

Lab ID: 460-10889-3 MSD Client ID: GW-017338-030110-ACH-003 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzaldehyde	102	61.8	61	1	30	80-154	F

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: z8561.d Lab Sample ID: MB 460-31280/1-A

Matrix: Water Date Extracted: 03/05/2010 07:35

Instrument ID: BNAMS11 Date Analyzed: 03/07/2010 20:05

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-31280/2-A	z8512.d	03/06/2010 00:05
GW-017338-030110-ACH-003	460-10889-3	z8513.d	03/06/2010 00:41
GW-017338-030110-ACH-003 MS	460-10889-3 MS	z8514.d	03/06/2010 01:05
GW-017338-030110-ACH-003 MSD	460-10889-3 MSD	z8515.d	03/06/2010 01:29
GW-017338-030110-ACH-001	460-10889-1	z8516.d	03/06/2010 01:53
GW-017338-030110-ACH-002	460-10889-2	z8517.d	03/06/2010 02:17
GW-017338-030110-ACH-004	460-10889-4	z8518.d	03/06/2010 02:41
GW-017338-030210-RAM-005	460-10889-5	z8519.d	03/06/2010 03:06
EB-017338-030210-ACH-006	460-10889-6	z8520.d	03/06/2010 03:29
GW-017338-030210-RAM-007	460-10889-7	z8521.d	03/06/2010 03:54
GW-017338-030210-ACH-008	460-10889-8	z8522.d	03/06/2010 04:18
GW-017338-030210-RAM-009	460-10889-9	z8523.d	03/06/2010 04:42
GW-017338-030210-ACH-010	460-10889-10	z8524.d	03/06/2010 05:06
GW-017338-030210-RAM-011	460-10889-11	z8525.d	03/06/2010 05:30
GW-017338-030210-ACH-012	460-10889-12	z8526.d	03/06/2010 05:54
GW-017338-030210-ACH-013	460-10889-13	z8527.d	03/06/2010 06:18
GW-017338-030310-ACH-014	460-10889-14	z8528.d	03/06/2010 06:42
GW-017338-030310-RAM-015	460-10889-15	z8529.d	03/06/2010 07:06
GW-017338-030210-ACH-013 DL	460-10889-13 DL	z8562.d	03/07/2010 20:30
GW-017338-030210-ACH-012	460-10889-12	z8636.d	03/10/2010 12:42
	LCS 460-31280/2-A	z8983.d	03/22/2010 18:40
GW-017338-030110-ACH-003 MS	460-10889-3 MS	z8985.d	03/22/2010 19:28
GW-017338-030110-ACH-003 MSD	460-10889-3 MSD	z8986.d	03/22/2010 19:53

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: z8550.d Lab Sample ID: MB 460-31376/1-A

Matrix: Water Date Extracted: 03/05/2010 20:00

Instrument ID: BNAMS11 Date Analyzed: 03/07/2010 15:38

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-31376/2-A	z8551.d	03/07/2010 16:02
	LCSD 460-31376/3-A	z8552.d	03/07/2010 16:27
GW-017338-030310-ACH-016	460-10889-16	z8553.d	03/07/2010 16:51
GW-017338-030310-RAM-017	460-10889-17	z8554.d	03/07/2010 17:15
GW-017338-030310-ACH-018	460-10889-18	z8555.d	03/07/2010 17:40
GW-017338-030310-RAM-019	460-10889-19	z8556.d	03/07/2010 18:04
GW-017338-030310-ACH-020	460-10889-20	z8557.d	03/07/2010 18:28
GW-017338-030310-RAM-021	460-10889-21	z8558.d	03/07/2010 18:52
GW-017338-030310-RAM-019 DL	460-10889-19 DL	z8572.d	03/08/2010 16:02
GW-017338-030310-RAM-021 DL	460-10889-21 DL	z8573.d	03/08/2010 16:26
GW-017338-030310-RAM-019	460-10889-19	z8590.d	03/09/2010 15:35
	LCS 460-31376/2-A	z8980.d	03/22/2010 17:27
	LCSD 460-31376/3-A	z8981.d	03/22/2010 17:51

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: z8503.d DFTPP Injection Date: 03/05/2010

Instrument ID: BNAMS11 DFTPP Injection Time: 20:11

Analysis Batch No.: 31598

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	48.7	
68	Less than 2.0 % of mass 69	0.4	(1.0)1
69	Mass 69 relative abundance	42.0	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	47.8	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	20.9	
365	Greater than 1.0 % of mass 198	3.0	
441	Present but less than mass 443	11.9	
442	Greater than 40.0 % of mass 198	76.5	
443	17.0 - 23.0 % of mass 442	14.4	(18.9)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-31598/2	z8504.d	03/05/2010	20:33
	IC 460-31598/3	z8505.d	03/05/2010	20:57
	IC 460-31598/4	z8506.d	03/05/2010	21:21
	IC 460-31598/5	z8507.d	03/05/2010	21:45
	IC 460-31598/6	z8508.d	03/05/2010	22:09
	LCS 460-31280/2-A	z8512.d	03/06/2010	00:05
GW-017338-030110-ACH-003	460-10889-3	z8513.d	03/06/2010	00:41
GW-017338-030110-ACH-003 MS	460-10889-3 MS	z8514.d	03/06/2010	01:05
GW-017338-030110-ACH-003 MSD	460-10889-3 MSD	z8515.d	03/06/2010	01:29
GW-017338-030110-ACH-001	460-10889-1	z8516.d	03/06/2010	01:53
GW-017338-030110-ACH-002	460-10889-2	z8517.d	03/06/2010	02:17
GW-017338-030110-ACH-004	460-10889-4	z8518.d	03/06/2010	02:41
GW-017338-030210-RAM-005	460-10889-5	z8519.d	03/06/2010	03:06
EB-017338-030210-ACH-006	460-10889-6	z8520.d	03/06/2010	03:29
GW-017338-030210-RAM-007	460-10889-7	z8521.d	03/06/2010	03:54
GW-017338-030210-ACH-008	460-10889-8	z8522.d	03/06/2010	04:18

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: z8503.d DFTPP Injection Date: 03/05/2010

Instrument ID: BNAMS11 DFTPP Injection Time: 20:11

Analysis Batch No.: 31598

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	48.7	
68	Less than 2.0 % of mass 69	0.4	(1.0)1
69	Mass 69 relative abundance	42.0	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	47.8	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	20.9	
365	Greater than 1.0 % of mass 198	3.0	
441	Present but less than mass 443	11.9	
442	Greater than 40.0 % of mass 198	76.5	
443	17.0 - 23.0 % of mass 442	14.4	(18.9)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
GW-017338-030210-RAM-009	460-10889-9	z8523.d	03/06/2010	04:42
GW-017338-030210-ACH-010	460-10889-10	z8524.d	03/06/2010	05:06
GW-017338-030210-RAM-011	460-10889-11	z8525.d	03/06/2010	05:30
GW-017338-030210-ACH-012	460-10889-12	z8526.d	03/06/2010	05:54
GW-017338-030210-ACH-013	460-10889-13	z8527.d	03/06/2010	06:18
GW-017338-030310-ACH-014	460-10889-14	z8528.d	03/06/2010	06:42
GW-017338-030310-RAM-015	460-10889-15	z8529.d	03/06/2010	07:06
	CCV 460-31602/1	z8530.d	03/06/2010	07:30

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: z8548.d DFTPP Injection Date: 03/07/2010

Instrument ID: BNAMS11 DFTPP Injection Time: 14:47

Analysis Batch No.: 31814

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	50.3	
68	Less than 2.0 % of mass 69	0.4	(1.0)1
69	Mass 69 relative abundance	41.9	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	48.1	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.8	
275	10.0 - 30.0 % of mass 198	20.5	
365	Greater than 1.0 % of mass 198	2.9	
441	Present but less than mass 443	11.3	
442	Greater than 40.0 % of mass 198	77.0	
443	17.0 - 23.0 % of mass 442	13.7	(17.9)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-31814/2	z8549.d	03/07/2010	15:08
	MB 460-31376/1-A	z8550.d	03/07/2010	15:38
	LCS 460-31376/2-A	z8551.d	03/07/2010	16:02
	LCSD 460-31376/3-A	z8552.d	03/07/2010	16:27
GW-017338-030310-ACH-016	460-10889-16	z8553.d	03/07/2010	16:51
GW-017338-030310-RAM-017	460-10889-17	z8554.d	03/07/2010	17:15
GW-017338-030310-ACH-018	460-10889-18	z8555.d	03/07/2010	17:40
GW-017338-030310-RAM-019	460-10889-19	z8556.d	03/07/2010	18:04
GW-017338-030310-ACH-020	460-10889-20	z8557.d	03/07/2010	18:28
GW-017338-030310-RAM-021	460-10889-21	z8558.d	03/07/2010	18:52
	CCV 460-31815/1	z8559.d	03/07/2010	19:17
	MB 460-31280/1-A	z8561.d	03/07/2010	20:05
GW-017338-030210-ACH-013 DL	460-10889-13 DL	z8562.d	03/07/2010	20:30

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: z8569.d DFTPP Injection Date: 03/08/2010

Instrument ID: BNAMS11 DFTPP Injection Time: 14:52

Analysis Batch No.: 31823

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	48.6	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	40.0	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	46.8	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.6	
275	10.0 - 30.0 % of mass 198	21.5	
365	Greater than 1.0 % of mass 198	2.8	
441	Present but less than mass 443	10.7	
442	Greater than 40.0 % of mass 198	80.2	
443	17.0 - 23.0 % of mass 442	15.4	(19.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-31823/2	z8570.d	03/08/2010	15:06
GW-017338-030310-RAM-019 DL	460-10889-19 DL	z8572.d	03/08/2010	16:02
GW-017338-030310-RAM-021 DL	460-10889-21 DL	z8573.d	03/08/2010	16:26
	CCV 460-31824/1	z8574.d	03/08/2010	16:51

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: z8576.d DFTPP Injection Date: 03/09/2010

Instrument ID: BNAMS11 DFTPP Injection Time: 09:19

Analysis Batch No.: 31833

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	50.1	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	41.5	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	46.7	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.1	
275	10.0 - 30.0 % of mass 198	20.5	
365	Greater than 1.0 % of mass 198	2.7	
441	Present but less than mass 443	10.7	
442	Greater than 40.0 % of mass 198	76.8	
443	17.0 - 23.0 % of mass 442	13.6	(17.7)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-31833/2	z8582.d	03/09/2010	12:03
	IC 460-31833/3	z8583.d	03/09/2010	12:27
	IC 460-31833/4	z8584.d	03/09/2010	12:52
	IC 460-31833/5	z8585.d	03/09/2010	13:16
	IC 460-31833/6	z8586.d	03/09/2010	13:41
GW-017338-030310-RAM-019	460-10889-19	z8590.d	03/09/2010	15:35
	CCV 460-31835/1	z8591.d	03/09/2010	15:59

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: z8631.d DFTPP Injection Date: 03/10/2010

Instrument ID: BNAMS11 DFTPP Injection Time: 10:35

Analysis Batch No.: 31837

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	47.5	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	39.7	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	46.9	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.1	
275	10.0 - 30.0 % of mass 198	21.3	
365	Greater than 1.0 % of mass 198	3.3	
441	Present but less than mass 443	12.7	
442	Greater than 40.0 % of mass 198	88.1	
443	17.0 - 23.0 % of mass 442	16.1	(18.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-31837/2	z8634.d	03/10/2010	11:51
GW-017338-030210-ACH-012	460-10889-12	z8636.d	03/10/2010	12:42
	CCV 460-31838/1	z8637.d	03/10/2010	13:09

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: z8965.d DFTPP Injection Date: 03/22/2010

Instrument ID: BNAMS11 DFTPP Injection Time: 11:14

Analysis Batch No.: 32805

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	46.4	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	38.1	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	45.4	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.4	
275	10.0 - 30.0 % of mass 198	23.0	
365	Greater than 1.0 % of mass 198	2.7	
441	Present but less than mass 443	13.3	
442	Greater than 40.0 % of mass 198	91.5	
443	17.0 - 23.0 % of mass 442	17.0	(18.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-32805/2	z8973.d	03/22/2010	14:34
	IC 460-32805/3	z8974.d	03/22/2010	14:59
	IC 460-32805/4	z8975.d	03/22/2010	15:23
	IC 460-32805/5	z8976.d	03/22/2010	15:48
	IC 460-32805/6	z8977.d	03/22/2010	16:13
	LCS 460-31376/2-A	z8980.d	03/22/2010	17:27
	LCSD 460-31376/3-A	z8981.d	03/22/2010	17:51
	LCS 460-31280/2-A	z8983.d	03/22/2010	18:40
GW-017338-030110-ACH-003 MS	460-10889-3 MS	z8985.d	03/22/2010	19:28
GW-017338-030110-ACH-003 MSD	460-10889-3 MSD	z8986.d	03/22/2010	19:53
	CCV 460-32807/1	z8987.d	03/22/2010	20:17

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Sample No.: ICIS 460-31598/2 Date Analyzed: 03/05/2010 20:33

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z8504.d Heated Purge: (Y/N) N

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		553288	4.07	1945323	5.37	774047	7.12
UPPER LIMIT		1106576	4.57	3890646	5.87	1548094	7.62
LOWER LIMIT		276644	3.57	972662	4.87	387024	6.62
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-31280/2-A		578393	4.07	2110092	5.36	903439	7.12
460-10889-3	GW-017338-030110-ACH-003	577086	4.07	2098767	5.36	913352	7.12
460-10889-3 MS	GW-017338-030110-ACH-003 MS	573339	4.07	1984102	5.36	784596	7.12
460-10889-3 MSD	GW-017338-030110-ACH-003 MSD	563901	4.07	1946710	5.36	784436	7.11
460-10889-1	GW-017338-030110-ACH-001	580664	4.07	2170319	5.35	974072	7.11
460-10889-2	GW-017338-030110-ACH-002	623621	4.07	2296327	5.35	997388	7.11
460-10889-4	GW-017338-030110-ACH-004	600715	4.07	2231612	5.35	957099	7.11
460-10889-5	GW-017338-030210-RAM-005	608061	4.07	2188267	5.35	943409	7.11
460-10889-6	EB-017338-030210-ACH-006	619487	4.07	2273440	5.35	1008285	7.11
460-10889-7	GW-017338-030210-RAM-007	649277	4.07	2380024	5.35	1054546	7.11
460-10889-8	GW-017338-030210-ACH-008	598465	4.07	2171509	5.35	946332	7.11
460-10889-9	GW-017338-030210-RAM-009	609161	4.07	2144443	5.35	937059	7.11
460-10889-10	GW-017338-030210-ACH-010	661404	4.07	2379171	5.35	1089810	7.11
460-10889-11	GW-017338-030210-RAM-011	661127	4.07	2464111	5.35	1065235	7.11
460-10889-12	GW-017338-030210-ACH-012	565548	4.07	1915772	5.36	849915	7.11
460-10889-13	GW-017338-030210-ACH-013	586878	4.07	1961116	5.36	845719	7.11
460-10889-14	GW-017338-030310-ACH-014	661739	4.07	2455121	5.35	1117485	7.11
460-10889-15	GW-017338-030310-RAM-015	661531	4.07	2386275	5.35	1034420	7.11

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Sample No.: ICIS 460-31598/2 Date Analyzed: 03/05/2010 20:33

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z8504.d Heated Purge: (Y/N) N

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		874395	8.58	479680	11.29	335133	13.14
UPPER LIMIT		1748790	9.08	959360	11.79	670266	13.64
LOWER LIMIT		437198	8.08	239840	10.79	167567	12.64
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-31280/2-A		1028040	8.58	547806	11.29	372802	13.14
460-10889-3	GW-017338-030110-ACH-003	1053017	8.58	566479	11.30	390032	13.14
460-10889-3 MS	GW-017338-030110-ACH-003 MS	848891	8.57	471436	11.29	360316	13.14
460-10889-3 MSD	GW-017338-030110-ACH-003 MSD	878018	8.57	517080	11.29	403106	13.14
460-10889-1	GW-017338-030110-ACH-001	1185334	8.57	596192	11.28	372430	13.14
460-10889-2	GW-017338-030110-ACH-002	1152902	8.57	587493	11.29	354227	13.14
460-10889-4	GW-017338-030110-ACH-004	1122284	8.57	549590	11.28	344927	13.14
460-10889-5	GW-017338-030210-RAM-005	1061286	8.57	510333	11.29	334549	13.14
460-10889-6	EB-017338-030210-ACH-006	1157108	8.57	564933	11.28	357158	13.14
460-10889-7	GW-017338-030210-RAM-007	1229372	8.57	603347	11.29	382559	13.14
460-10889-8	GW-017338-030210-ACH-008	1092020	8.57	543064	11.29	356136	13.14
460-10889-9	GW-017338-030210-RAM-009	1111042	8.57	562241	11.28	363024	13.14
460-10889-10	GW-017338-030210-ACH-010	1219041	8.57	578987	11.28	382041	13.14
460-10889-11	GW-017338-030210-RAM-011	1263972	8.57	621540	11.29	388618	13.14
460-10889-12	GW-017338-030210-ACH-012	968006	8.57	513142	11.29	369190	13.14
460-10889-13	GW-017338-030210-ACH-013	924114	8.57	497565	11.28	381479	13.14
460-10889-14	GW-017338-030310-ACH-014	1307486	8.57	609154	11.29	388846	13.14
460-10889-15	GW-017338-030310-RAM-015	1186105	8.57	561946	11.29	351313	13.14

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Sample No.: CCVIS 460-31814/2 Date Analyzed: 03/07/2010 15:08

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z8549.d Heated Purge: (Y/N) N

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		562625	4.05	1977059	5.34	839067	7.09
UPPER LIMIT		1125250	4.55	3954118	5.84	1678134	7.59
LOWER LIMIT		281313	3.55	988530	4.84	419534	6.59
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-31376/1-A		674898	4.04	2475194	5.33	1116778	7.08
LCS 460-31376/2-A		591905	4.05	2066912	5.34	874278	7.08
LCSD 460-31376/3-A		591549	4.05	2096871	5.34	895545	7.08
460-10889-16	GW-017338-030310-ACH-016	653147	4.04	2383950	5.33	1055643	7.08
460-10889-17	GW-017338-030310-RAM-017	616627	4.04	2188020	5.33	953409	7.08
460-10889-18	GW-017338-030310-ACH-018	680678	4.04	2443235	5.33	1093214	7.08
460-10889-19	GW-017338-030310-RAM-019	512281	4.05	1838974	5.34	905735	7.10
460-10889-20	GW-017338-030310-ACH-020	565234	4.05	1787363	5.33	887032	7.09
460-10889-21	GW-017338-030310-RAM-021	595970	4.05	1751421	5.35	941870	7.08
MB 460-31280/1-A		618890	4.04	2266251	5.33	1010144	7.08
460-10889-13 DL	GW-017338-030210-ACH-013 DL	617208	4.05	2191621	5.34	984903	7.08

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Sample No.: CCVIS 460-31814/2 Date Analyzed: 03/07/2010 15:08

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z8549.d Heated Purge: (Y/N) N

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		971137	8.54	557373	11.24	377079	13.07
UPPER LIMIT		1942274	9.04	1114746	11.74	754158	13.57
LOWER LIMIT		485569	8.04	278687	10.74	188540	12.57
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-31376/1-A		1405293	8.54	773904	11.23	496699	13.06
LCS 460-31376/2-A		1079707	8.54	606670	11.23	416336	13.06
LCSD 460-31376/3-A		1090249	8.54	634370	11.23	462190	13.06
460-10889-16	GW-017338-030310-ACH-016	1252674	8.54	783364	11.22	498387	13.06
460-10889-17	GW-017338-030310-RAM-017	1157996	8.54	686119	11.22	464280	13.06
460-10889-18	GW-017338-030310-ACH-018	1315654	8.54	761137	11.22	505227	13.06
460-10889-19	GW-017338-030310-RAM-019	1121366	8.55	844300	11.22	629433	13.06
460-10889-20	GW-017338-030310-ACH-020	1073784	8.54	760758	11.22	562095	13.06
460-10889-21	GW-017338-030310-RAM-021	1173282	8.54	726810	11.22	517337	13.06
MB 460-31280/1-A		1204293	8.54	639484	11.22	419954	13.05
460-10889-13 DL	GW-017338-030210-ACH-013 DL	1197830	8.54	701524	11.22	462983	13.05

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Sample No.: CCVIS 460-31823/2 Date Analyzed: 03/08/2010 15:06

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z8570.d Heated Purge: (Y/N) N

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		474651	4.01	1615602	5.30	634312	7.05
UPPER LIMIT		949302	4.51	3231204	5.80	1268624	7.55
LOWER LIMIT		237326	3.51	807801	4.80	317156	6.55
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-10889-19 DL	GW-017338-030310-RAM-019 DL	561072	4.01	1997895	5.30	815175	7.05
460-10889-21 DL	GW-017338-030310-RAM-021 DL	626217	4.01	2170223	5.30	951340	7.05

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Sample No.: CCVIS 460-31823/2 Date Analyzed: 03/08/2010 15:06

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z8570.d Heated Purge: (Y/N) N

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		683370	8.51	365335	11.19	285342	13.01
UPPER LIMIT		1366740	9.01	730670	11.69	570684	13.51
LOWER LIMIT		341685	8.01	182668	10.69	142671	12.51
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-10889-19 DL	GW-017338-030310-RAM-019 DL	895366	8.51	565024	11.19	414957	13.01
460-10889-21 DL	GW-017338-030310-RAM-021 DL	1099540	8.51	520843	11.18	368691	13.01

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Sample No.: ICIS 460-31833/2 Date Analyzed: 03/09/2010 12:03

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z8582.d Heated Purge: (Y/N) N

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		653640	4.00	2467937	5.28	1202762	7.04
UPPER LIMIT		1307280	4.50	4935874	5.78	2405524	7.54
LOWER LIMIT		326820	3.50	1233969	4.78	601381	6.54
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-10889-19	GW-017338-030310-RAM-019	603670	4.01	2232265	5.29	1047893	7.05

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Sample No.: ICIS 460-31833/2 Date Analyzed: 03/09/2010 12:03

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z8582.d Heated Purge: (Y/N) N

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1524206	8.49	764795	11.17	434489	12.99
UPPER LIMIT		3048412	8.99	1529590	11.67	868978	13.49
LOWER LIMIT		762103	7.99	382398	10.67	217245	12.49
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-10889-19	GW-017338-030310-RAM-019	1286645	8.50	893149	11.17	612765	12.99

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Sample No.: CCVIS 460-31837/2 Date Analyzed: 03/10/2010 11:51

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z8634.d Heated Purge: (Y/N) N

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		646468	3.98	2477794	5.27	1160453	7.02
UPPER LIMIT		1292936	4.48	4955588	5.77	2320906	7.52
LOWER LIMIT		323234	3.48	1238897	4.77	580227	6.52
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-10889-12	GW-017338-030210-ACH-012	603274	3.98	2210584	5.27	1051197	7.02

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Sample No.: CCVIS 460-31837/2 Date Analyzed: 03/10/2010 11:51

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z8634.d Heated Purge: (Y/N) N

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		1557436	8.48	913655	11.15	549749	12.97
UPPER LIMIT		3114872	8.98	1827310	11.65	1099498	13.47
LOWER LIMIT		778718	7.98	456828	10.65	274875	12.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-10889-12	GW-017338-030210-ACH-012	1334401	8.48	703453	11.15	461906	12.97

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Sample No.: ICIS 460-32805/2 Date Analyzed: 03/22/2010 14:34

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z8973.d Heated Purge: (Y/N) N

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		623173	3.54	2291229	4.84	1066117	6.60
UPPER LIMIT		1246346	4.04	4582458	5.34	2132234	7.10
LOWER LIMIT		311587	3.04	1145615	4.34	533059	6.10
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-31376/2-A		473442	3.54	1717936	4.85	774376	6.60
LCSD 460-31376/3-A		583380	3.55	2032921	4.85	899073	6.60
LCS 460-31280/2-A		438350	3.54	1586328	4.85	724300	6.60
460-10889-3 MS	GW-017338-030110-ACH-003 MS	426269	3.54	1524212	4.85	674495	6.60
460-10889-3 MSD	GW-017338-030110-ACH-003 MSD	588328	3.55	2083037	4.85	923641	6.60

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Sample No.: ICIS 460-32805/2 Date Analyzed: 03/22/2010 14:34

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z8973.d Heated Purge: (Y/N) N

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1394225	8.04	848978	10.65	524129	12.33
UPPER LIMIT		2788450	8.54	1697956	11.15	1048258	12.83
LOWER LIMIT		697113	7.54	424489	10.15	262065	11.83
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-31376/2-A		941800	8.04	543533	10.65	378794	12.33
LCSD 460-31376/3-A		1052019	8.04	593399	10.65	422435	12.34
LCS 460-31280/2-A		878935	8.04	520185	10.65	366760	12.33
460-10889-3 MS	GW-017338-030110-ACH-003 MS	833685	8.04	486939	10.65	341254	12.33
460-10889-3 MSD	GW-017338-030110-ACH-003 MSD	1082360	8.04	609301	10.65	428389	12.33

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-001 | Lab Sample ID: 460-10889-1

Matrix: GW | Lab File ID: z8516.d

Analysis Method: 8270C | Date Collected: 03/01/2010 12:10

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 01:53

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	5.5
108-95-2	Phenol	10	U	10	0.91
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.42
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
95-57-8	2-Chlorophenol	10	U	10	2.7
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.3
98-86-2	Acetophenone	10	U	10	4.4
91-57-6	2-Methylnaphthalene	10	U	10	3.2
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.7
88-74-4	2-Nitroaniline	20	U	20	5.8
67-72-1	Hexachloroethane	1.0	U	1.0	0.51
98-95-3	Nitrobenzene	1.0	U	1.0	0.42
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
78-59-1	Isophorone	10	U	10	3.7
88-75-5	2-Nitrophenol	10	U	10	3.5
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
105-67-9	2,4-Dimethylphenol	10	U	10	2.6
100-01-6	4-Nitroaniline	20	U	20	4.1
100-02-7	4-Nitrophenol	31	U	31	2.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
1912-24-9	Atrazine	10	U	10	4.9
91-20-3	Naphthalene	10	U	10	3.7
100-52-7	Benzaldehyde	10	U *	10	1.4
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.96
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.31
105-60-2	Caprolactam	10	U	10	0.51
86-74-8	Carbazole	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.7
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-001 | Lab Sample ID: 460-10889-1

Matrix: GW | Lab File ID: z8516.d

Analysis Method: 8270C | Date Collected: 03/01/2010 12:10

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 01:53

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	10	U	10	3.3
91-58-7	2-Chloronaphthalene	10	U	10	3.8
206-44-0	Fluoranthene	10	U	10	2.7
86-73-7	Fluorene	10	U	10	3.3
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.60
208-96-8	Acenaphthylene	10	U	10	4.1
99-09-2	3-Nitroaniline	20	U	20	4.4
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.33
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	31	U	31	4.9
132-64-9	Dibenzofuran	10	U	10	3.7
84-66-2	Diethyl phthalate	10	U	10	3.9
534-52-1	4,6-Dinitro-2-methylphenol	31	U	31	5.3
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.4
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.1
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-001 Lab Sample ID: 460-10889-1

Matrix: GW Lab File ID: z8516.d

Analysis Method: 8270C Date Collected: 03/01/2010 12:10

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/06/2010 01:53

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	103	50-119	
321-60-8	2-Fluorobiphenyl	89	61-112	
367-12-4	2-Fluorophenol (Surr)	44	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	96	61-120	
4165-62-2	Phenol-d5 (Surr)	29	9-48	
1718-51-0	Terphenyl-d14 (Surr)	94	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-001 | Lab Sample ID: 460-10889-1

Matrix: GW | Lab File ID: z8516.d

Analysis Method: 8270C | Date Collected: 03/01/2010 12:10

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 01:53

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8516.d
Report Date: 09-Mar-2010 16:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8516.d
Lab Smp Id: 460-10889-E-1-A Client Smp ID: GW-017338-030110-AC
Inj Date : 06-MAR-2010 01:53
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-E-1-A
Misc Info : 460-10889-E-1-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.784	2.790	(0.685)	503770	21.7829	44
$ 17 Phenol-d5 (SUR)	99	3.695	3.707	(0.909)	386653	14.6164	30
* 79 1,4-Dichlorobenzene-d4	152	4.066	4.066	(1.000)	580664	40.0000	
23 1,2-Dichlorobenzene	146	4.237	4.237	(1.042)	5460	0.24633	0.50(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.631	4.631	(0.865)	1298598	48.2033	98
* 80 Naphthalene-d8	136	5.354	5.360	(1.000)	2170319	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.454	6.448	(0.907)	1614754	44.5966	91
* 82 Acenaphthene-d10	164	7.113	7.113	(1.000)	974072	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.889	7.889	(1.109)	219646	51.3661	100
* 83 Phenanthrene-d10	188	8.572	8.572	(1.000)	1185334	40.0000	
$ 78 Terphenyl-d14	244	10.154	10.148	(0.900)	866141	47.1673	96
* 81 Chrysene-d12	240	11.283	11.283	(1.000)	596192	40.0000	
66 Benzo(k)fluoranthene	252	12.660	12.660	(0.964)	1211	0.10117	0.21(a)
67 Benzo(a)pyrene	252	13.059	13.048	(0.994)	1069	0.11126	0.23(a)
* 84 Perylene-d12	264	13.136	13.130	(1.000)	372430	40.0000	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8516.d
Report Date: 09-Mar-2010 16:15

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8516.d
Report Date: 09-Mar-2010 16:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8516.d
Lab Smp Id: 460-10889-E-1-A Client Smp ID: GW-017338-030110-AC
Inj Date : 06-MAR-2010 01:53
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-E-1-A
Misc Info : 460-10889-E-1-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

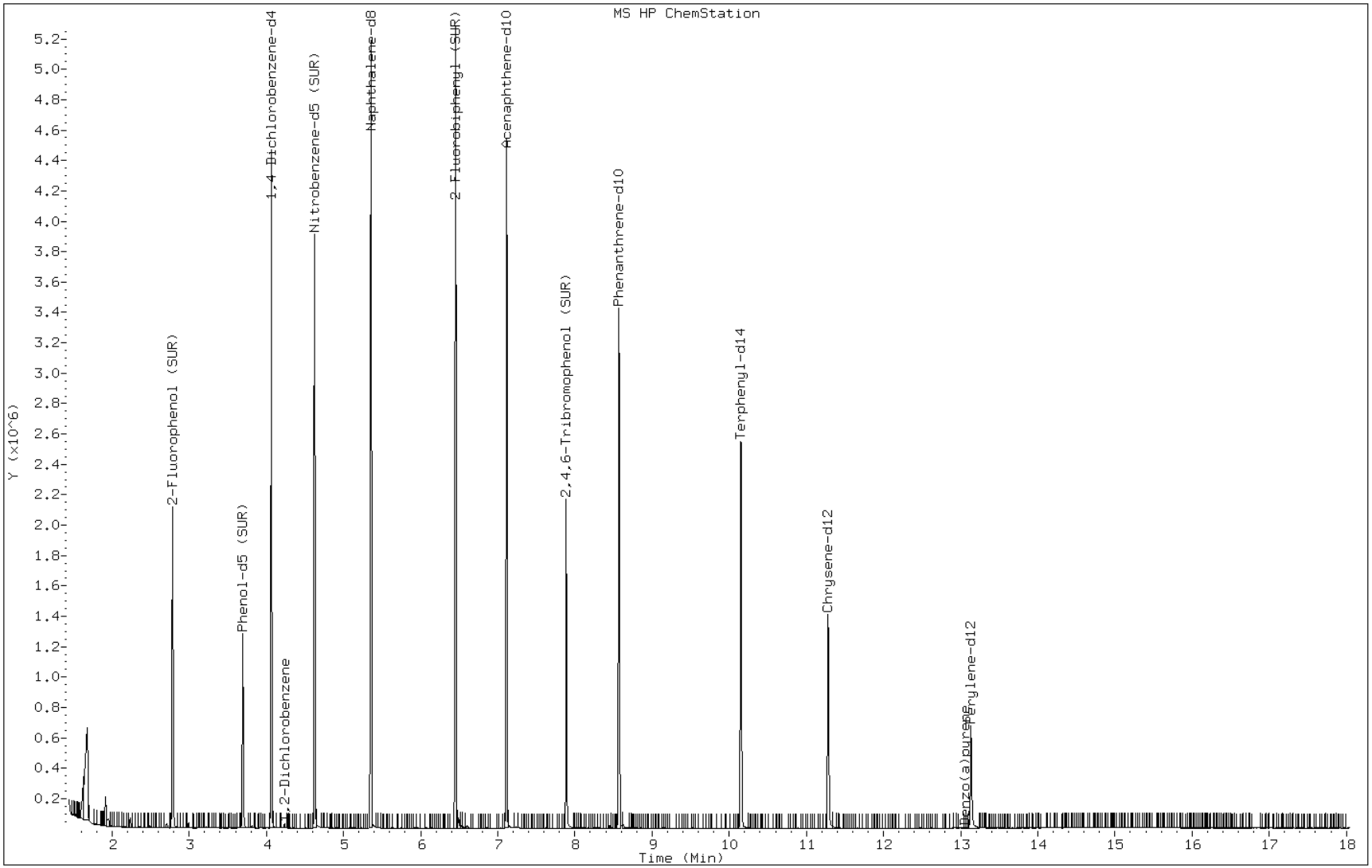
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z8516.d

Date: 06-MAR-2010 01:53

Client ID: GW-017338-030110-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-1-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-002 | Lab Sample ID: 460-10889-2

Matrix: GW | Lab File ID: z8517.d

Analysis Method: 8270C | Date Collected: 03/01/2010 13:15

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 02:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	5.5
108-95-2	Phenol	10	U	10	0.91
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.42
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
95-57-8	2-Chlorophenol	10	U	10	2.7
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.3
98-86-2	Acetophenone	10	U	10	4.4
91-57-6	2-Methylnaphthalene	10	U	10	3.2
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.7
88-74-4	2-Nitroaniline	20	U	20	5.8
67-72-1	Hexachloroethane	1.0	U	1.0	0.51
98-95-3	Nitrobenzene	1.0	U	1.0	0.42
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
78-59-1	Isophorone	10	U	10	3.7
88-75-5	2-Nitrophenol	10	U	10	3.5
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
105-67-9	2,4-Dimethylphenol	10	U	10	2.6
100-01-6	4-Nitroaniline	20	U	20	4.1
100-02-7	4-Nitrophenol	31	U	31	2.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
1912-24-9	Atrazine	10	U	10	4.9
91-20-3	Naphthalene	10	U	10	3.7
100-52-7	Benzaldehyde	10	U *	10	1.4
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.96
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.31
105-60-2	Caprolactam	10	U	10	0.51
86-74-8	Carbazole	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.7
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-002 | Lab Sample ID: 460-10889-2

Matrix: GW | Lab File ID: z8517.d

Analysis Method: 8270C | Date Collected: 03/01/2010 13:15

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 02:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	10	U	10	3.3
91-58-7	2-Chloronaphthalene	10	U	10	3.8
206-44-0	Fluoranthene	10	U	10	2.7
86-73-7	Fluorene	10	U	10	3.3
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.60
208-96-8	Acenaphthylene	10	U	10	4.1
99-09-2	3-Nitroaniline	20	U	20	4.4
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.33
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	31	U	31	4.9
132-64-9	Dibenzofuran	10	U	10	3.7
84-66-2	Diethyl phthalate	10	U	10	3.9
534-52-1	4,6-Dinitro-2-methylphenol	31	U	31	5.3
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.4
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.1
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-002 Lab Sample ID: 460-10889-2

Matrix: GW Lab File ID: z8517.d

Analysis Method: 8270C Date Collected: 03/01/2010 13:15

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/06/2010 02:17

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	102	50-119	
321-60-8	2-Fluorobiphenyl	89	61-112	
367-12-4	2-Fluorophenol (Surr)	45	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	99	61-120	
4165-62-2	Phenol-d5 (Surr)	30	9-48	
1718-51-0	Terphenyl-d14 (Surr)	90	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-002 | Lab Sample ID: 460-10889-2

Matrix: GW | Lab File ID: z8517.d

Analysis Method: 8270C | Date Collected: 03/01/2010 13:15

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 02:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8517.d
Report Date: 09-Mar-2010 16:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8517.d
Lab Smp Id: 460-10889-F-2-A Client Smp ID: GW-017338-030110-AC
Inj Date : 06-MAR-2010 02:17
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-2-A
Misc Info : 460-10889-F-2-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.790	2.790	(0.686)	560378	22.5615	46
$ 17 Phenol-d5 (SUR)	99	3.696	3.707	(0.909)	429439	15.1156	31
* 79 1,4-Dichlorobenzene-d4	152	4.066	4.066	(1.000)	623621	40.0000	
23 1,2-Dichlorobenzene	146	4.237	4.237	(1.042)	5757	0.24184	0.49(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.625	4.631	(0.864)	1405589	49.3117	100
* 80 Naphthalene-d8	136	5.354	5.360	(1.000)	2296327	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.454	6.448	(0.907)	1656535	44.6810	91
* 82 Acenaphthene-d10	164	7.113	7.113	(1.000)	997388	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.889	7.889	(1.109)	222621	50.8447	100
* 83 Phenanthrene-d10	188	8.572	8.572	(1.000)	1152902	40.0000	
$ 78 Terphenyl-d14	244	10.154	10.148	(0.899)	813312	44.9462	92
* 81 Chrysene-d12	240	11.289	11.283	(1.000)	587493	40.0000	
* 84 Perylene-d12	264	13.136	13.130	(1.000)	354227	40.0000	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8517.d
Report Date: 09-Mar-2010 16:15

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8517.d
Report Date: 09-Mar-2010 16:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8517.d
Lab Smp Id: 460-10889-F-2-A Client Smp ID: GW-017338-030110-AC
Inj Date : 06-MAR-2010 02:17
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-2-A
Misc Info : 460-10889-F-2-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

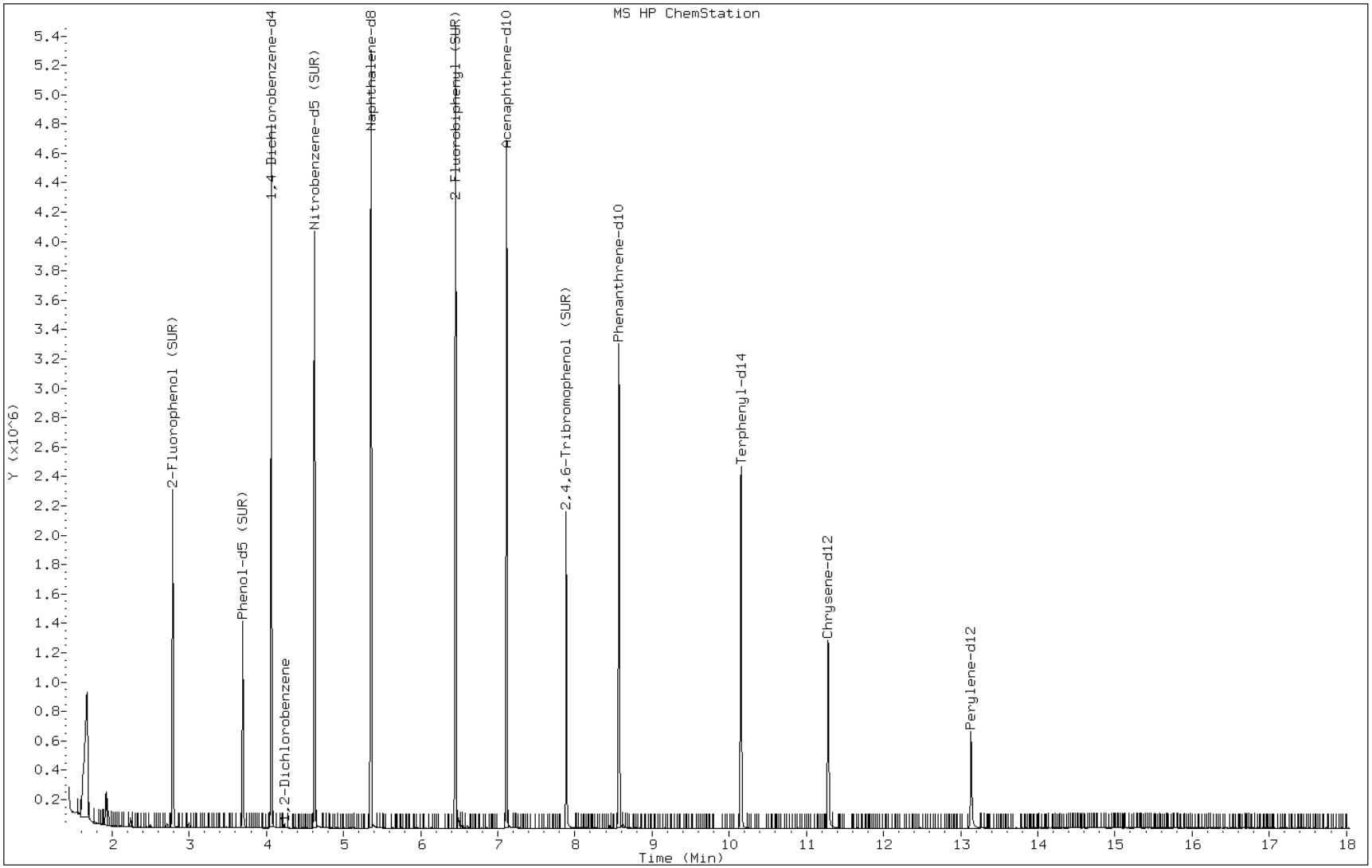
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z8517.d

Date: 06-MAR-2010 02:17

Client ID: GW-017338-030110-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-003 | Lab Sample ID: 460-10889-3

Matrix: GW | Lab File ID: z8513.d

Analysis Method: 8270C | Date Collected: 03/01/2010 14:00

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 00:41

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	5.5
108-95-2	Phenol	10	U	10	0.91
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.42
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
95-57-8	2-Chlorophenol	10	U	10	2.7
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.3
98-86-2	Acetophenone	10	U	10	4.4
91-57-6	2-Methylnaphthalene	10	U	10	3.2
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.7
88-74-4	2-Nitroaniline	20	U	20	5.8
67-72-1	Hexachloroethane	1.0	U	1.0	0.51
98-95-3	Nitrobenzene	1.0	U	1.0	0.42
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
78-59-1	Isophorone	10	U	10	3.7
88-75-5	2-Nitrophenol	10	U	10	3.5
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
105-67-9	2,4-Dimethylphenol	10	U	10	2.6
100-01-6	4-Nitroaniline	20	U	20	4.1
100-02-7	4-Nitrophenol	31	U	31	2.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
1912-24-9	Atrazine	10	U	10	4.9
91-20-3	Naphthalene	100		10	3.7
100-52-7	Benzaldehyde	10	U *	10	1.4
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.96
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.31
105-60-2	Caprolactam	10	U	10	0.51
86-74-8	Carbazole	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.7
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-003 | Lab Sample ID: 460-10889-3

Matrix: GW | Lab File ID: z8513.d

Analysis Method: 8270C | Date Collected: 03/01/2010 14:00

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 00:41

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	10	U	10	3.3
91-58-7	2-Chloronaphthalene	10	U	10	3.8
206-44-0	Fluoranthene	10	U	10	2.7
86-73-7	Fluorene	10	U	10	3.3
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.60
208-96-8	Acenaphthylene	10	U	10	4.1
99-09-2	3-Nitroaniline	20	U	20	4.4
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.33
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	31	U	31	4.9
132-64-9	Dibenzofuran	10	U	10	3.7
84-66-2	Diethyl phthalate	10	U	10	3.9
534-52-1	4,6-Dinitro-2-methylphenol	31	U	31	5.3
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.4
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.1
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-003 Lab Sample ID: 460-10889-3

Matrix: GW Lab File ID: z8513.d

Analysis Method: 8270C Date Collected: 03/01/2010 14:00

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/06/2010 00:41

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	106	50-119	
321-60-8	2-Fluorobiphenyl	94	61-112	
367-12-4	2-Fluorophenol (Surr)	49	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	95	61-120	
4165-62-2	Phenol-d5 (Surr)	33	9-48	
1718-51-0	Terphenyl-d14 (Surr)	91	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-003 | Lab Sample ID: 460-10889-3

Matrix: GW | Lab File ID: z8513.d

Analysis Method: 8270C | Date Collected: 03/01/2010 14:00

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 00:41

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

Number TICs Found: 8 | TIC Result Total: 479

CAS NO.	COMPOUND NAME	RT	RESULT	Q
496-11-7	Indane	4.25	78	T J N
	Diethylbenzene isomer	4.40	26	T J
	Ethyldimethylbenzene isomer	4.62	180	T J
	Tetramethylbenzene isomer	4.85	51	T J
	Unknown	4.88	10	T J
	2,3-dihydro-trimethyl-1H-Indene isomer	5.04	10	T J
824-90-8	1-Phenyl-1-butene	5.11	66	T J N
80-05-7	Phenol, 4,4''-(1-methylethylidene)bis-	10.05	58	T J N

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8513.d
Report Date: 09-Mar-2010 16:09

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8513.d
Lab Smp Id: 460-10889-F-3-B Client Smp ID: GW-017338-030110-AC
Inj Date : 06-MAR-2010 00:41
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-3-B
Misc Info : 460-10889-F-3-B
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
106 1,4-Dioxane	88	1.490	1.490	(0.366)	4528	0.39956	0.82(a)
$ 16 2-Fluorophenol (SUR)	112	2.790	2.790	(0.686)	558282	24.2896	50
$ 17 Phenol-d5 (SUR)	99	3.696	3.707	(0.909)	428273	16.2901	33
* 79 1,4-Dichlorobenzene-d4	152	4.066	4.066	(1.000)	577086	40.0000	
22 1,4-Dichlorobenzene	146	4.084	4.084	(1.004)	2731	0.11663	0.24(a)
23 1,2-Dichlorobenzene	146	4.237	4.237	(1.042)	7768	0.35263	0.72(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.631	4.631	(0.864)	1237871	47.5156	97
* 80 Naphthalene-d8	136	5.360	5.360	(1.000)	2098767	40.0000	
31 Naphthalene	128	5.384	5.378	(1.004)	2713541	50.0333	100
34 2-Methylnaphthalene	142	6.078	6.078	(1.134)	35845	1.19218	2.4(a)
120 1-Methylnaphthalene	142	6.178	6.178	(1.153)	50670	1.69368	3.4(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.454	6.448	(0.907)	1587496	46.7585	95
* 82 Acenaphthene-d10	164	7.119	7.113	(1.000)	913352	40.0000	
42 Acenaphthene	154	7.148	7.142	(1.004)	6218	0.27125	0.55(a)
43 Dibenzofuran	168	7.319	7.319	(1.028)	4787	0.14920	0.30(a)

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8513.d
Report Date: 09-Mar-2010 16:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	47 Fluorene	166	7.654	7.654	(1.075)	4447	0.18987	0.39(a)
$	18 2,4,6-Tribromophenol (SUR)	330	7.895	7.889	(1.109)	211871	52.8418	110
*	83 Phenanthrene-d10	188	8.578	8.572	(1.000)	1053017	40.0000	
	56 Fluoranthene	202	9.772	9.760	(1.139)	2936	0.11691	0.24(a)
$	78 Terphenyl-d14	244	10.160	10.148	(0.899)	789689	45.2596	92
*	81 Chrysene-d12	240	11.295	11.283	(1.000)	566479	40.0000	
	62 Chrysene	228	11.324	11.313	(1.003)	1652	0.10728	0.22(a)
*	84 Perylene-d12	264	13.142	13.130	(1.000)	390032	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8513.d
Report Date: 09-Mar-2010 16:09

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8513.d
Lab Smp Id: 460-10889-F-3-B Client Smp ID: GW-017338-030110-AC
Inj Date : 06-MAR-2010 00:41
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-3-B
Misc Info : 460-10889-F-3-B
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

ISTD		RT	AREA	AMOUNT
* 79	1,4-Dichlorobenzene-d4	4.066	4201896	40.000
* 80	Naphthalene-d8	5.360	5581165	40.000
* 81	Chrysene-d12	11.295	1517023	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Indane			CAS #: 496-11-7				
4.254	4021371	38.2814929	78	93	NIST02.l	8674	79

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8513.d
Report Date: 09-Mar-2010 16:09

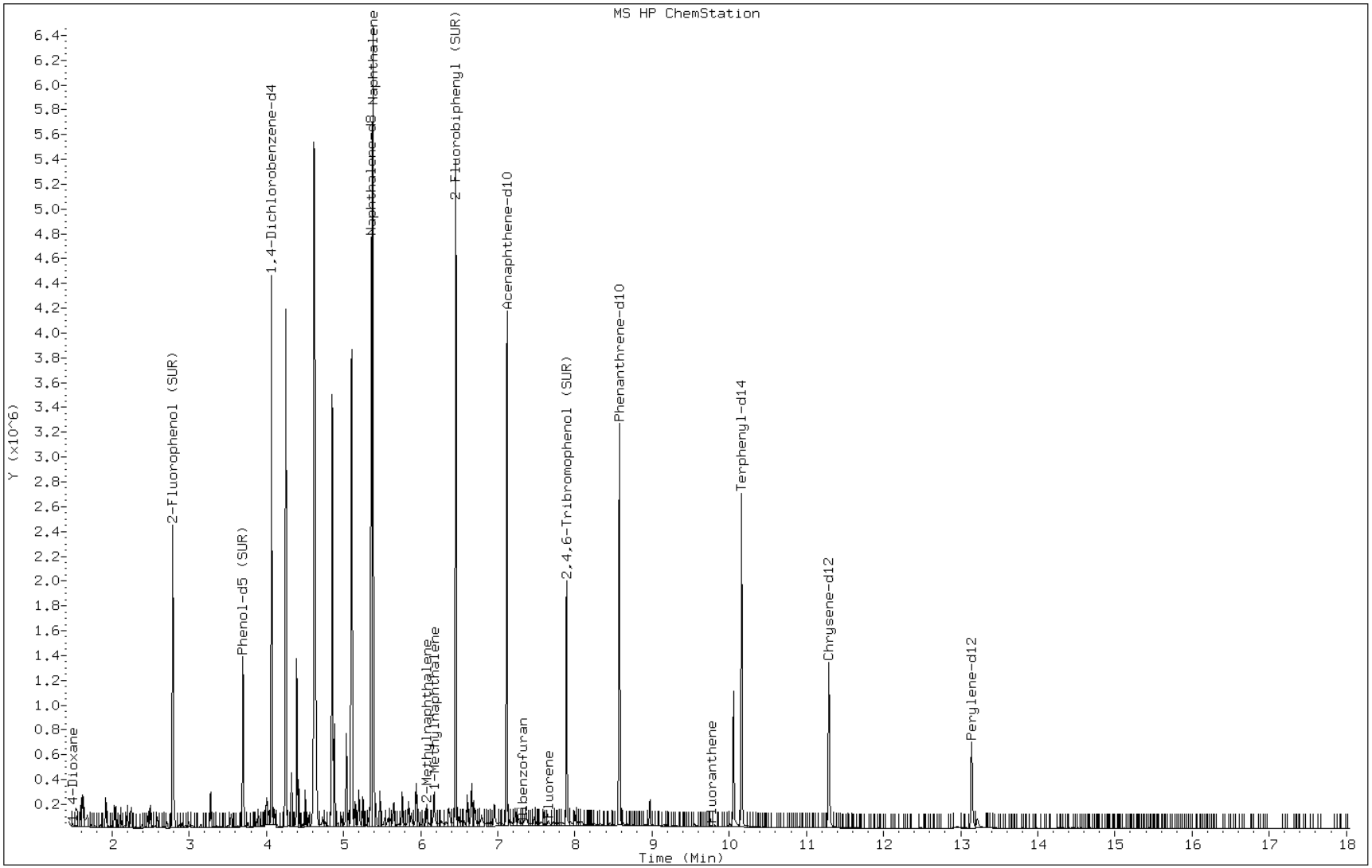
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Diethylbenzene isomer					CAS #:		
4.396	1321595	12.5809387	26	0		0	79
Ethyldimethylbenzene isomer					CAS #:		
4.619	9070401	86.3457891	180	0		0	79
Tetramethylbenzene isomer					CAS #:		
4.854	3456663	24.7737736	50	0		0	80
Unknown					CAS #:		
4.884	704642	5.05014460	10	0		0	80
2,3-dihydro-trimethyl-1H-Indene isomer					CAS #:		
5.037	694144	4.97490119	10	0		0	80
1-Phenyl-1-butene					CAS #: 824-90-8		
5.107	4523666	32.4209376	66	96	NIST02.l	13569	80
Phenol, 4,4'-(1-methylethylidene)bis-					CAS #: 80-05-7		
10.054	1075298	28.3528324	58	98	NIST02.l	75157	81

Data File: z8513.d

Date: 06-MAR-2010 00:41

Client ID: GW-017338-030110-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-3-B Operator: BNAMS 4



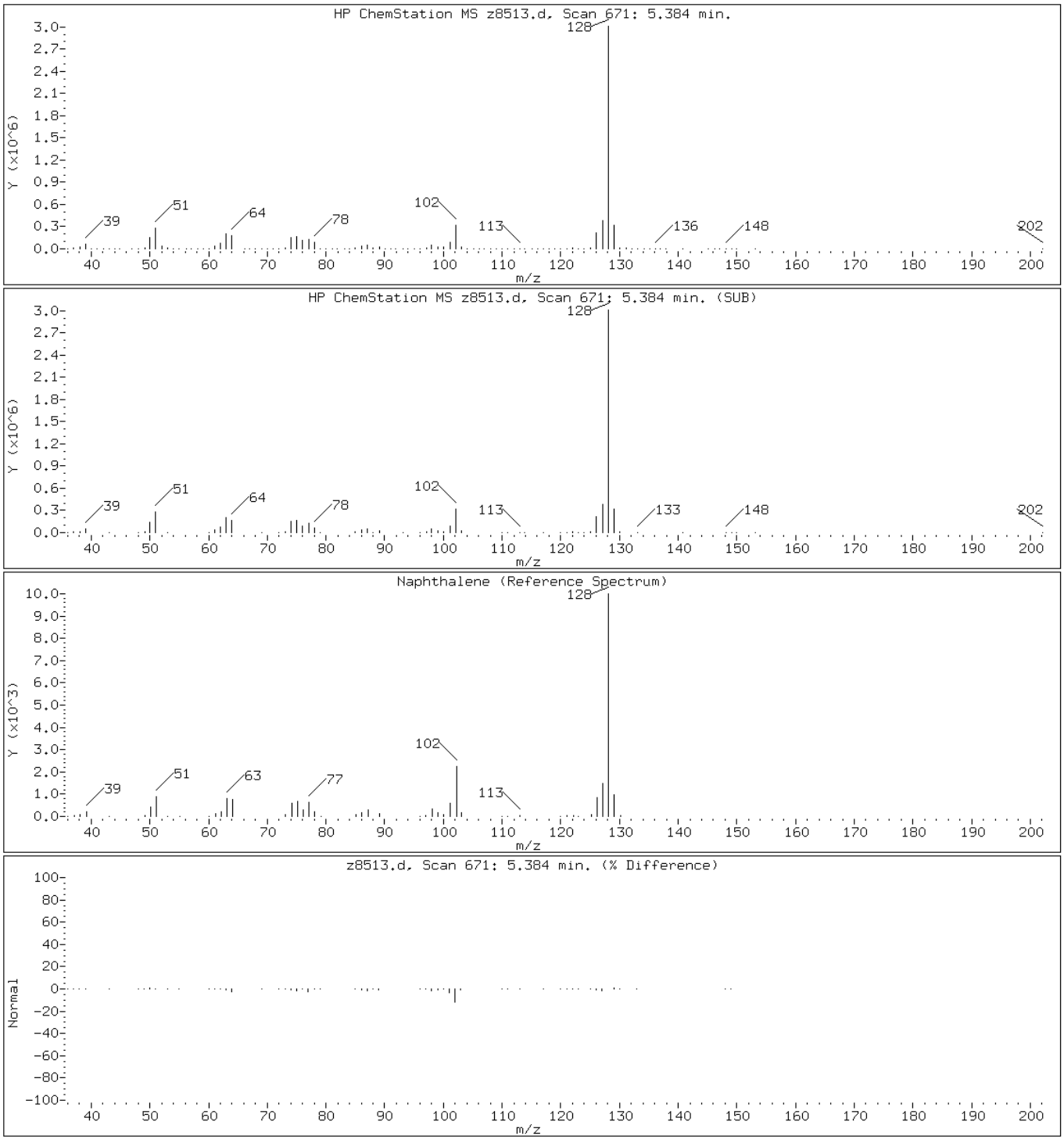
Data File: z8513.d

Date: 06-MAR-2010 00:41

Client ID: GW-017338-030110-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-3-B Operator: BNAMS 4

31 Naphthalene



Data File: z8513.d

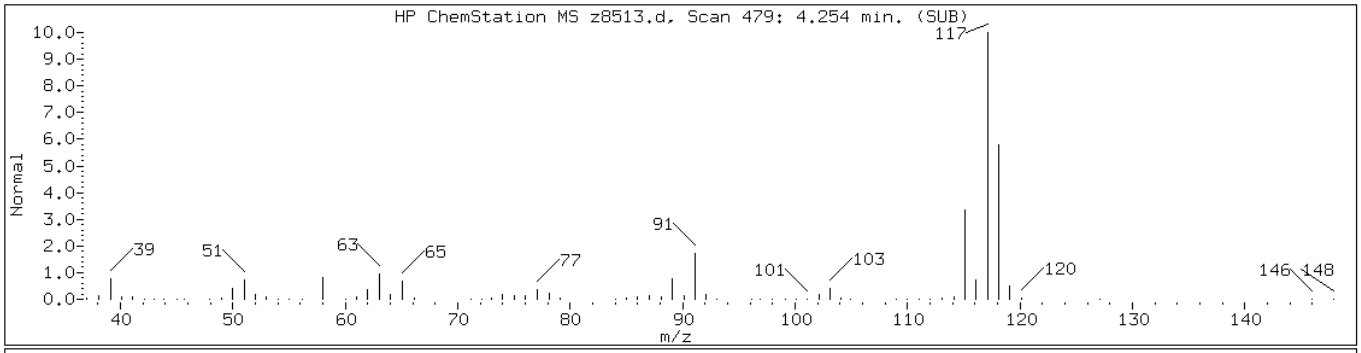
Date: 06-MAR-2010 00:41

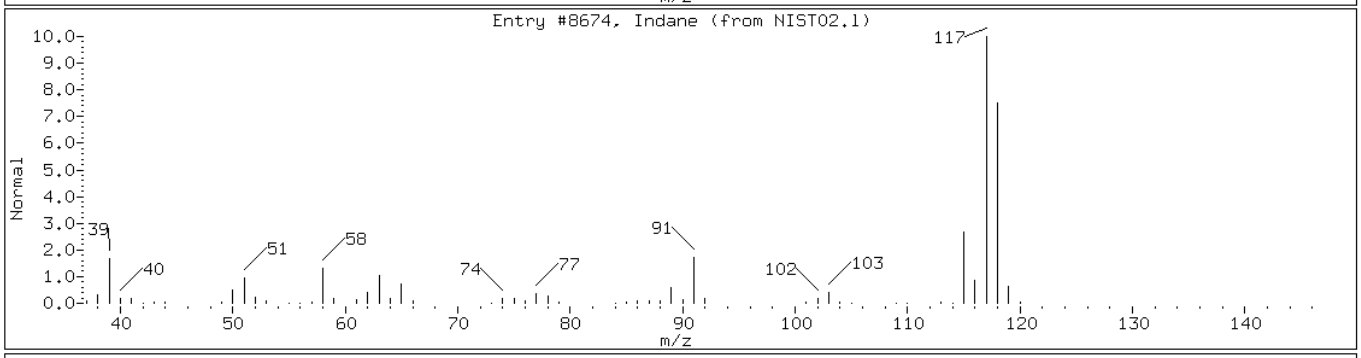
Client ID: GW-017338-030110-AC Instrument: BNAMS11.i

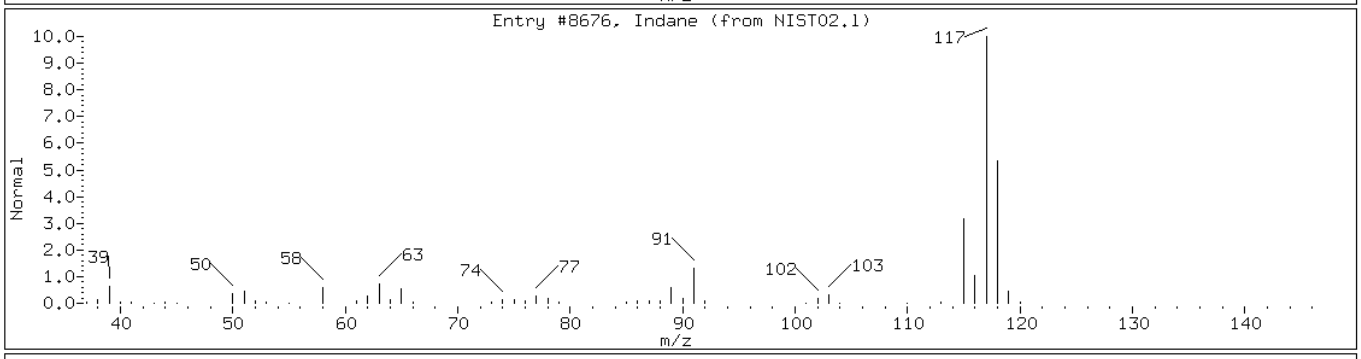
Sample Info: 460-10889-F-3-B Operator: BNAMS 4

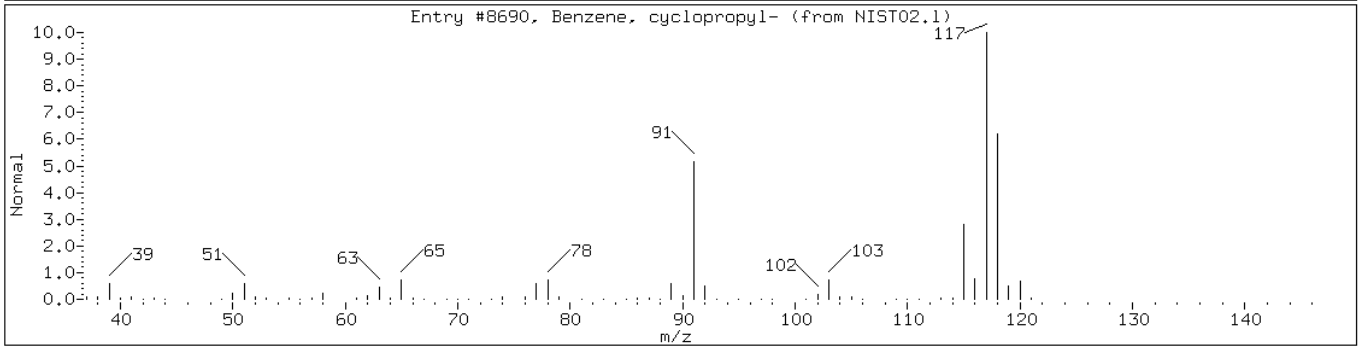
Retention Time: 4.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8674	93	C9H10	118
Indane	496-11-7	NIST02.l	8676	91	C9H10	118
Benzene, cyclopropyl-	873-49-4	NIST02.l	8690	80	C9H10	118









Data File: z8513.d

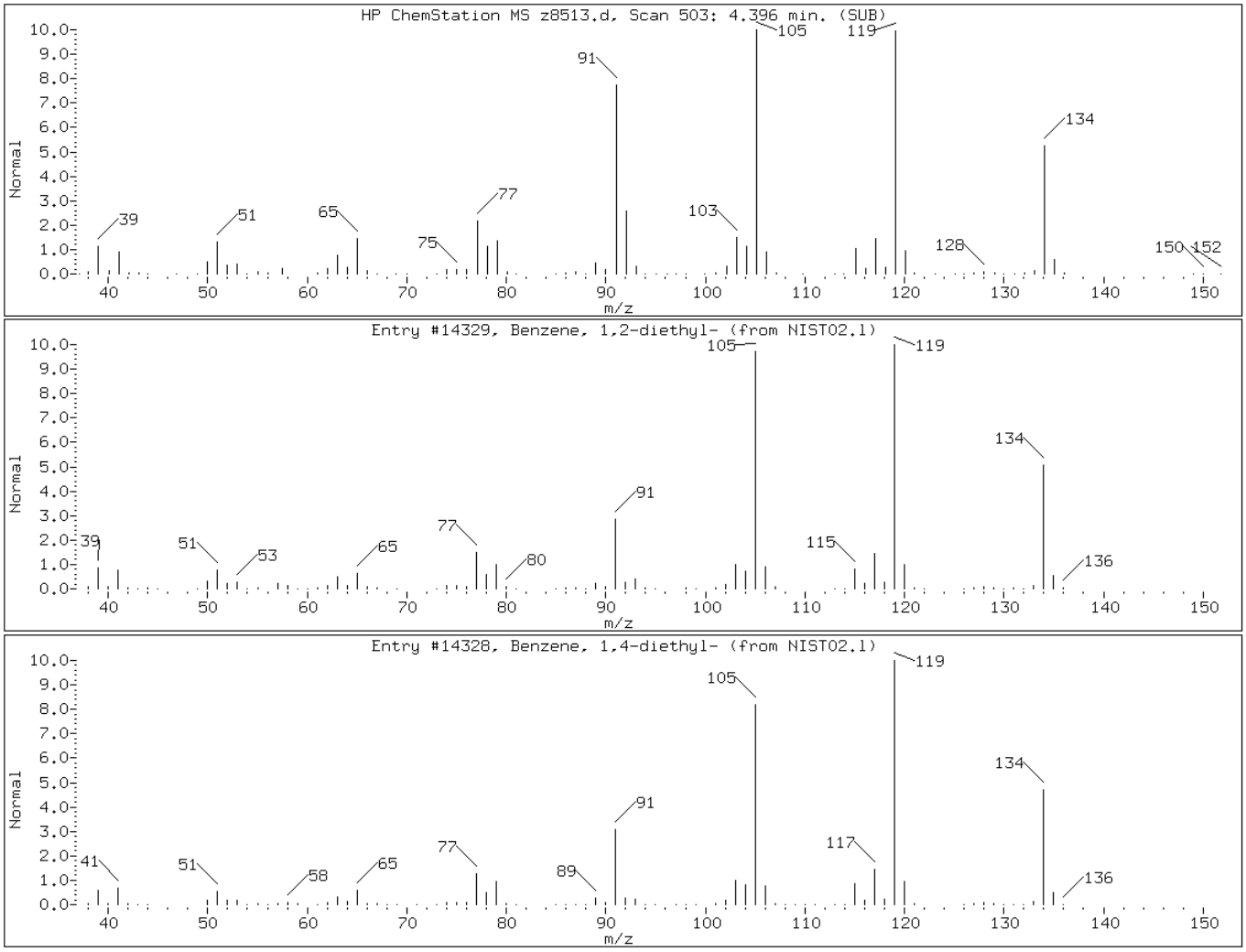
Date: 06-MAR-2010 00:41

Client ID: GW-017338-030110-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-3-B Operator: BNAMS 4

Retention Time: 4.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer						
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14329	95	C10H14	134
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14328	95	C10H14	134



Data File: z8513.d

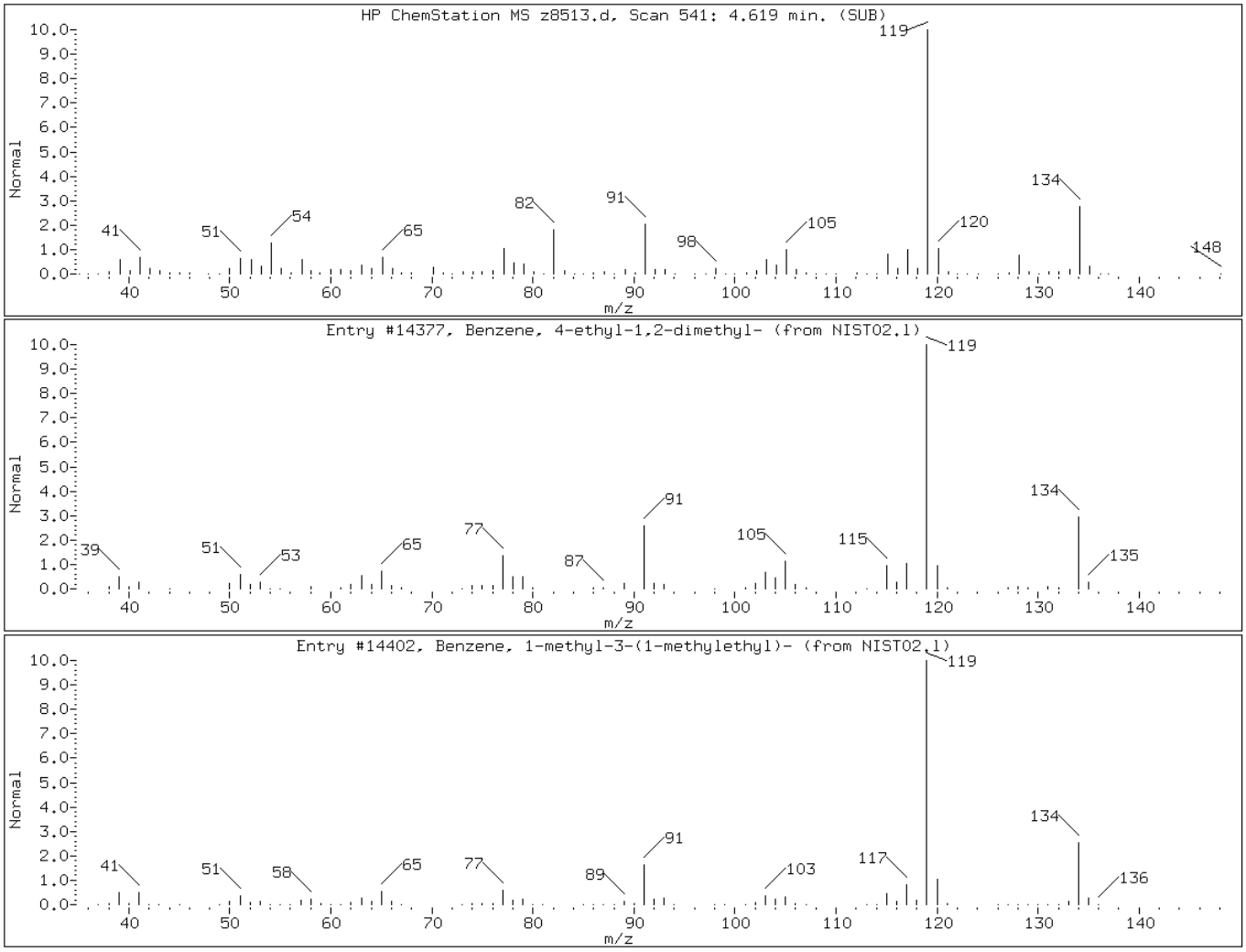
Date: 06-MAR-2010 00:41

Client ID: GW-017338-030110-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-3-B Operator: BNAMS 4

Retention Time: 4.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	96	C10H14	134
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14402	95	C10H14	134



Data File: z8513.d

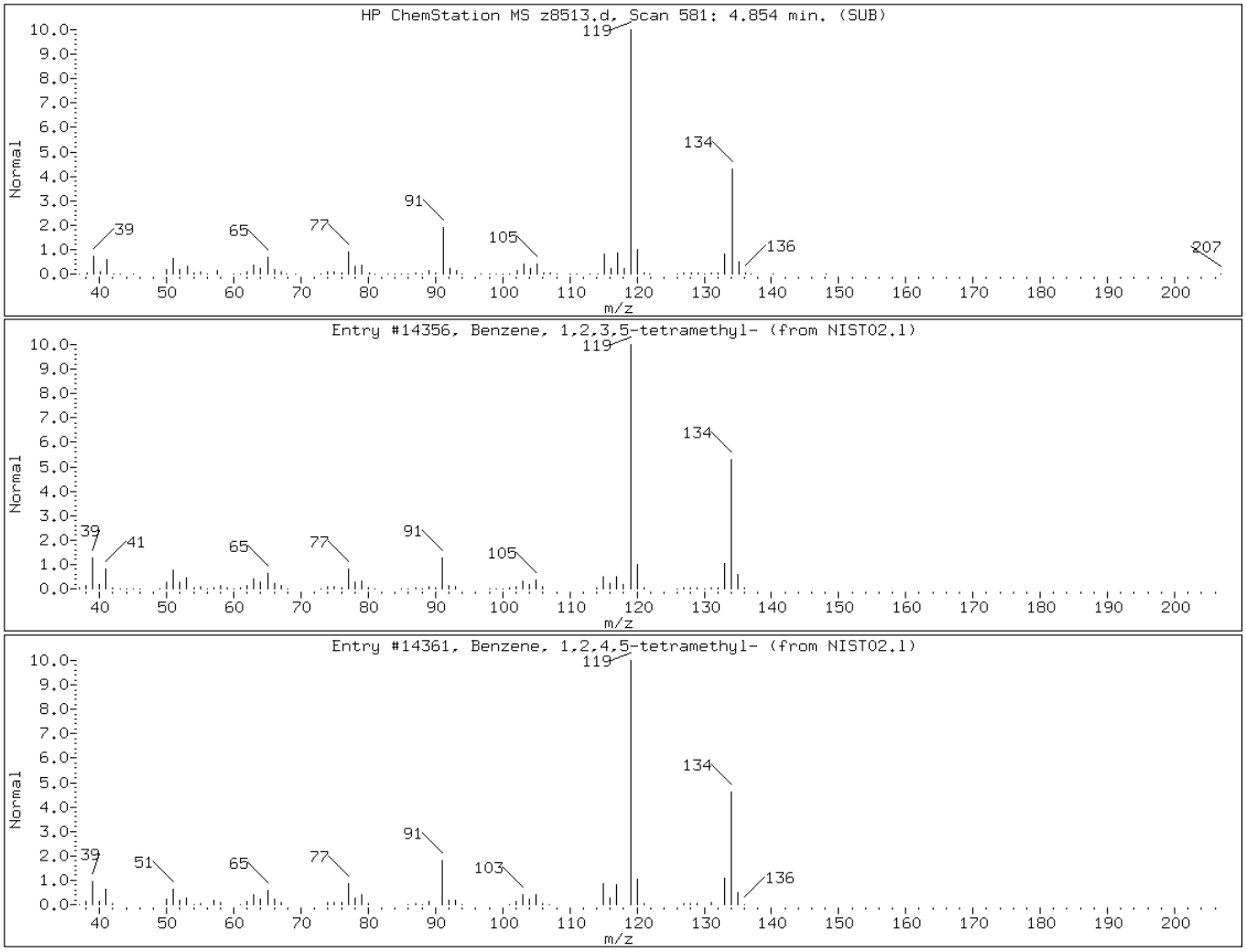
Date: 06-MAR-2010 00:41

Client ID: GW-017338-030110-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-3-B Operator: BNAMS 4

Retention Time: 4.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14356	96	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	96	C10H14	134



Data File: z8513.d

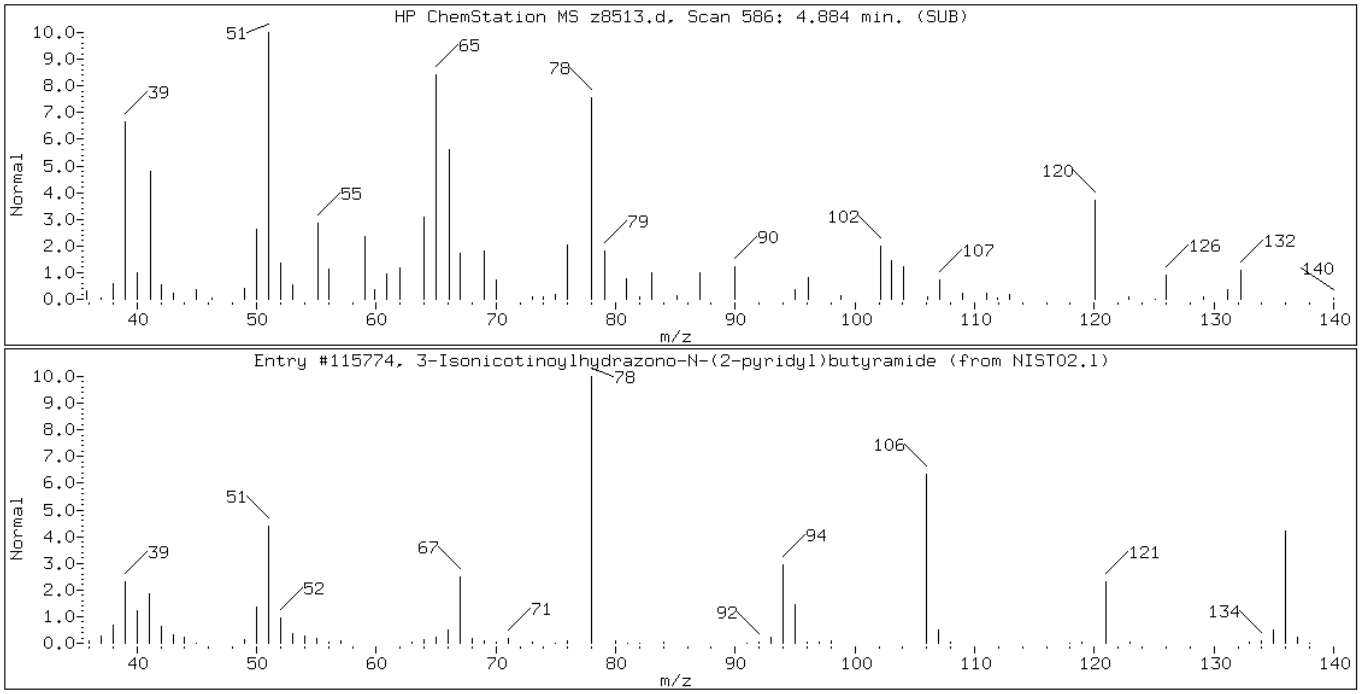
Date: 06-MAR-2010 00:41

Client ID: GW-017338-030110-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-3-B Operator: BNAMS 4

Retention Time: 4.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
3-Isonicotinoylhydrazono-N-(2-pyri	299970-72-2	NIST02.l	115774	23	C15H15N5O2	297



Data File: z8513.d

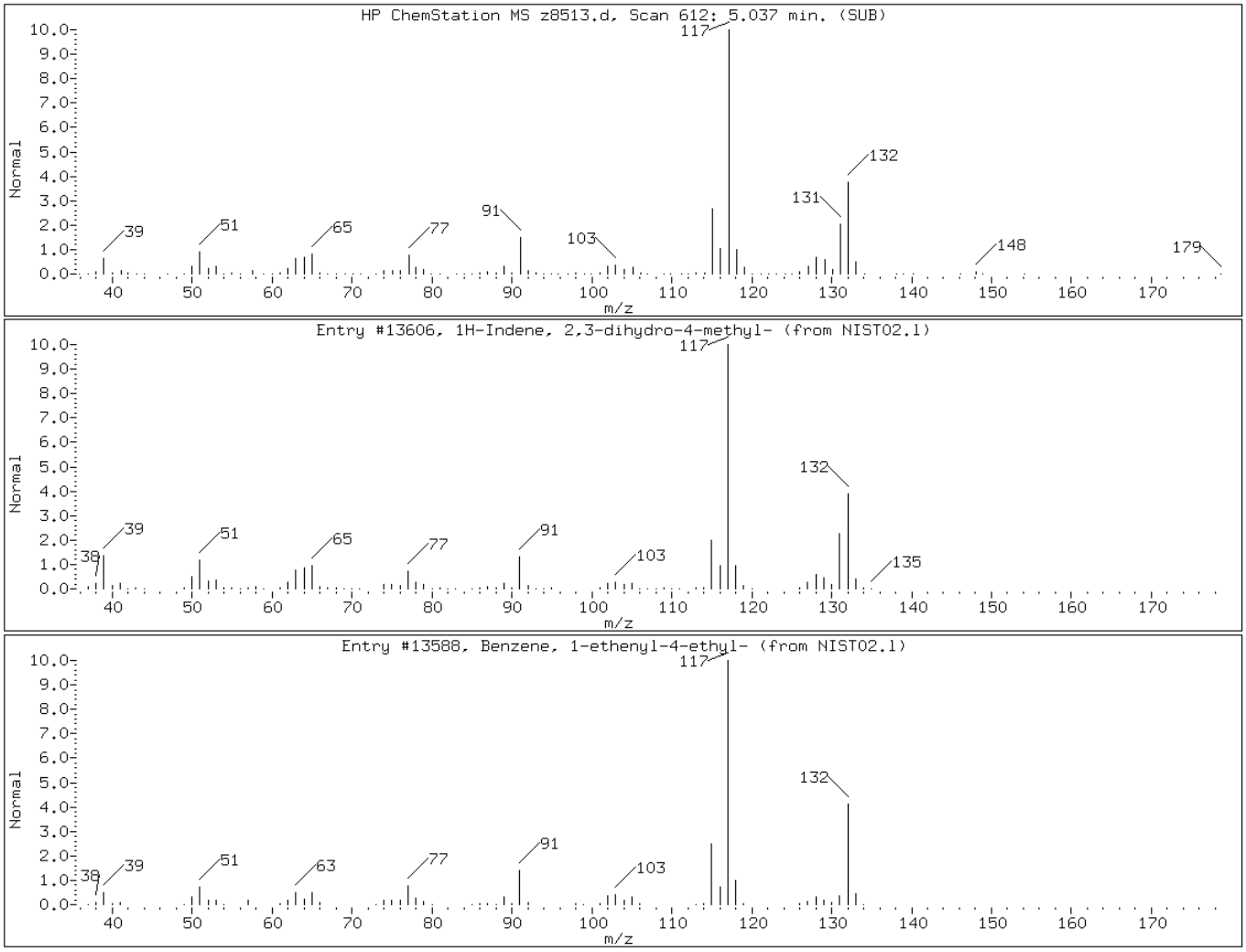
Date: 06-MAR-2010 00:41

Client ID: GW-017338-030110-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-3-B Operator: BNAMS 4

Retention Time: 5.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-trimethyl-1H-Indene is						
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.l	13606	95	C10H12	132
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	94	C10H12	132



Data File: z8513.d

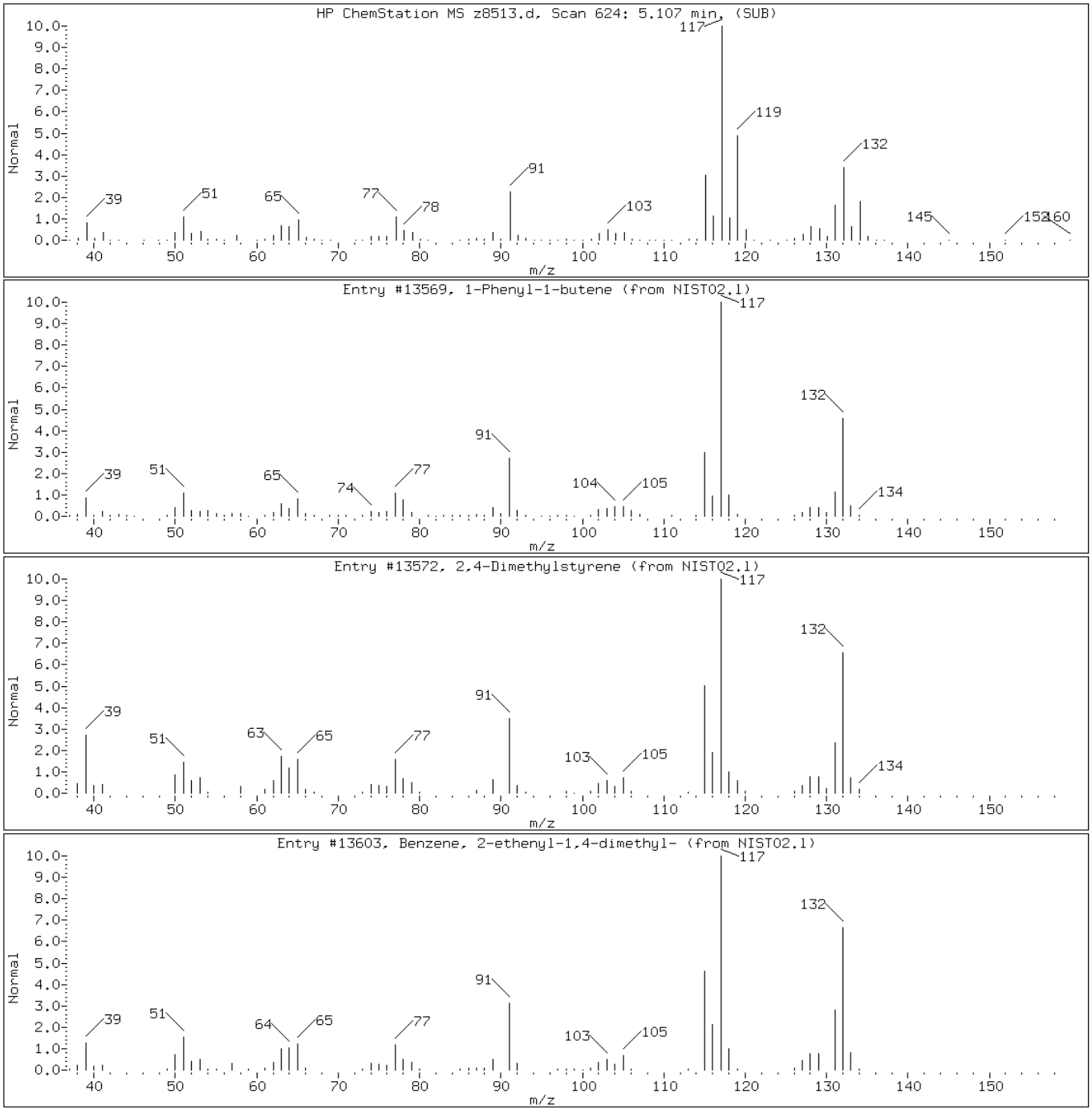
Date: 06-MAR-2010 00:41

Client ID: GW-017338-030110-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-3-B Operator: BNAMS 4

Retention Time: 5.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Phenyl-1-butene	824-90-8	NIST02.l	13569	96	C10H12	132
2,4-Dimethylstyrene	2234-20-0	NIST02.l	13572	95	C10H12	132
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	95	C10H12	132



Data File: z8513.d

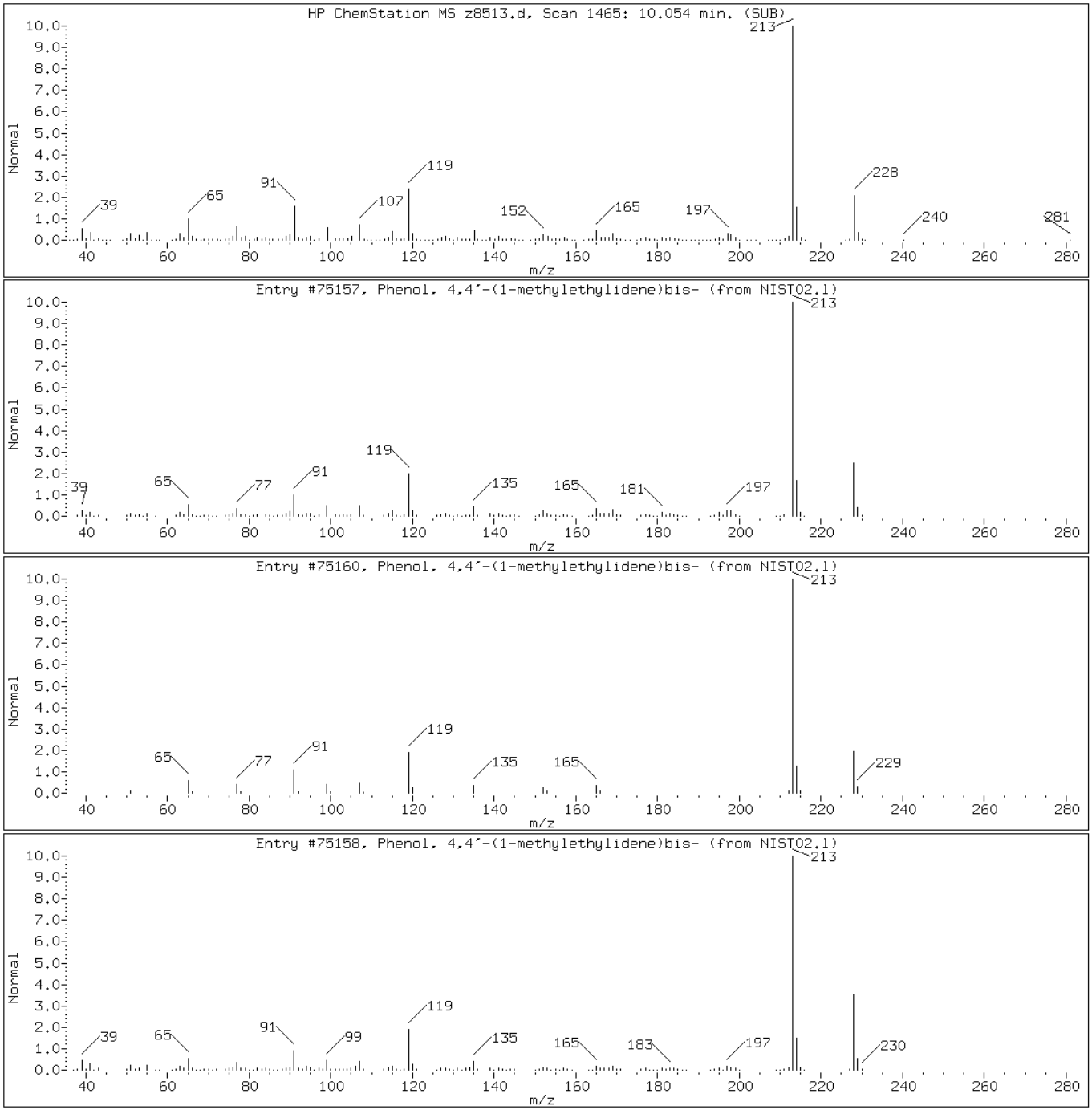
Date: 06-MAR-2010 00:41

Client ID: GW-017338-030110-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-3-B Operator: BNAMS 4

Retention Time: 10.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenol, 4,4'-(1-methylethylidene)b	80-05-7	NIST02.l	75157	98	C15H16O2	228
Phenol, 4,4'-(1-methylethylidene)b	80-05-7	NIST02.l	75160	98	C15H16O2	228
Phenol, 4,4'-(1-methylethylidene)b	80-05-7	NIST02.l	75158	94	C15H16O2	228



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-004 | Lab Sample ID: 460-10889-4

Matrix: GW | Lab File ID: z8518.d

Analysis Method: 8270C | Date Collected: 03/01/2010 15:45

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 02:41

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	5.5
108-95-2	Phenol	10	U	10	0.91
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.42
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
95-57-8	2-Chlorophenol	10	U	10	2.7
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.3
98-86-2	Acetophenone	10	U	10	4.4
91-57-6	2-Methylnaphthalene	10	U	10	3.2
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.7
88-74-4	2-Nitroaniline	20	U	20	5.8
67-72-1	Hexachloroethane	1.0	U	1.0	0.51
98-95-3	Nitrobenzene	1.0	U	1.0	0.42
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
78-59-1	Isophorone	10	U	10	3.7
88-75-5	2-Nitrophenol	10	U	10	3.5
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
105-67-9	2,4-Dimethylphenol	10	U	10	2.6
100-01-6	4-Nitroaniline	20	U	20	4.1
100-02-7	4-Nitrophenol	31	U	31	2.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
1912-24-9	Atrazine	10	U	10	4.9
91-20-3	Naphthalene	10	U	10	3.7
100-52-7	Benzaldehyde	10	U *	10	1.4
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.96
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.31
105-60-2	Caprolactam	10	U	10	0.51
86-74-8	Carbazole	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.7
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-004 | Lab Sample ID: 460-10889-4

Matrix: GW | Lab File ID: z8518.d

Analysis Method: 8270C | Date Collected: 03/01/2010 15:45

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 02:41

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	10	U	10	3.3
91-58-7	2-Chloronaphthalene	10	U	10	3.8
206-44-0	Fluoranthene	10	U	10	2.7
86-73-7	Fluorene	10	U	10	3.3
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.60
208-96-8	Acenaphthylene	10	U	10	4.1
99-09-2	3-Nitroaniline	20	U	20	4.4
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.33
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	31	U	31	4.9
132-64-9	Dibenzofuran	10	U	10	3.7
84-66-2	Diethyl phthalate	10	U	10	3.9
534-52-1	4,6-Dinitro-2-methylphenol	31	U	31	5.3
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.4
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.1
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-004 Lab Sample ID: 460-10889-4

Matrix: GW Lab File ID: z8518.d

Analysis Method: 8270C Date Collected: 03/01/2010 15:45

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/06/2010 02:41

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	88	50-119	
321-60-8	2-Fluorobiphenyl	84	61-112	
367-12-4	2-Fluorophenol (Surr)	43	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	96	61-120	
4165-62-2	Phenol-d5 (Surr)	28	9-48	
1718-51-0	Terphenyl-d14 (Surr)	80	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-004 | Lab Sample ID: 460-10889-4

Matrix: GW | Lab File ID: z8518.d

Analysis Method: 8270C | Date Collected: 03/01/2010 15:45

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 02:41

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8518.d
Report Date: 09-Mar-2010 16:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8518.d
Lab Smp Id: 460-10889-F-4-A Client Smp ID: GW-017338-030110-AC
Inj Date : 06-MAR-2010 02:41
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-4-A
Misc Info : 460-10889-F-4-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.790	2.790	(0.686)	518416	21.6679	44
$ 17 Phenol-d5 (SUR)	99	3.695	3.707	(0.909)	387140	14.1463	29
* 79 1,4-Dichlorobenzene-d4	152	4.066	4.066	(1.000)	600715	40.0000	
23 1,2-Dichlorobenzene	146	4.237	4.237	(1.042)	6229	0.27165	0.55(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.625	4.631	(0.864)	1332050	48.0869	98
* 80 Naphthalene-d8	136	5.354	5.360	(1.000)	2231612	40.0000	
31 Naphthalene	128	5.378	5.378	(1.004)	13006	0.22553	0.46(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.454	6.448	(0.907)	1487672	41.8154	85
* 82 Acenaphthene-d10	164	7.113	7.113	(1.000)	957099	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.889	7.889	(1.109)	184004	43.7940	89
* 83 Phenanthrene-d10	188	8.572	8.572	(1.000)	1122284	40.0000	
$ 78 Terphenyl-d14	244	10.148	10.148	(0.899)	679111	40.1181	82
* 81 Chrysene-d12	240	11.283	11.283	(1.000)	549590	40.0000	
* 84 Perylene-d12	264	13.136	13.130	(1.000)	344927	40.0000	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8518.d
Report Date: 09-Mar-2010 16:15

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8518.d
Report Date: 09-Mar-2010 16:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8518.d
Lab Smp Id: 460-10889-F-4-A Client Smp ID: GW-017338-030110-AC
Inj Date : 06-MAR-2010 02:41
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-4-A
Misc Info : 460-10889-F-4-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

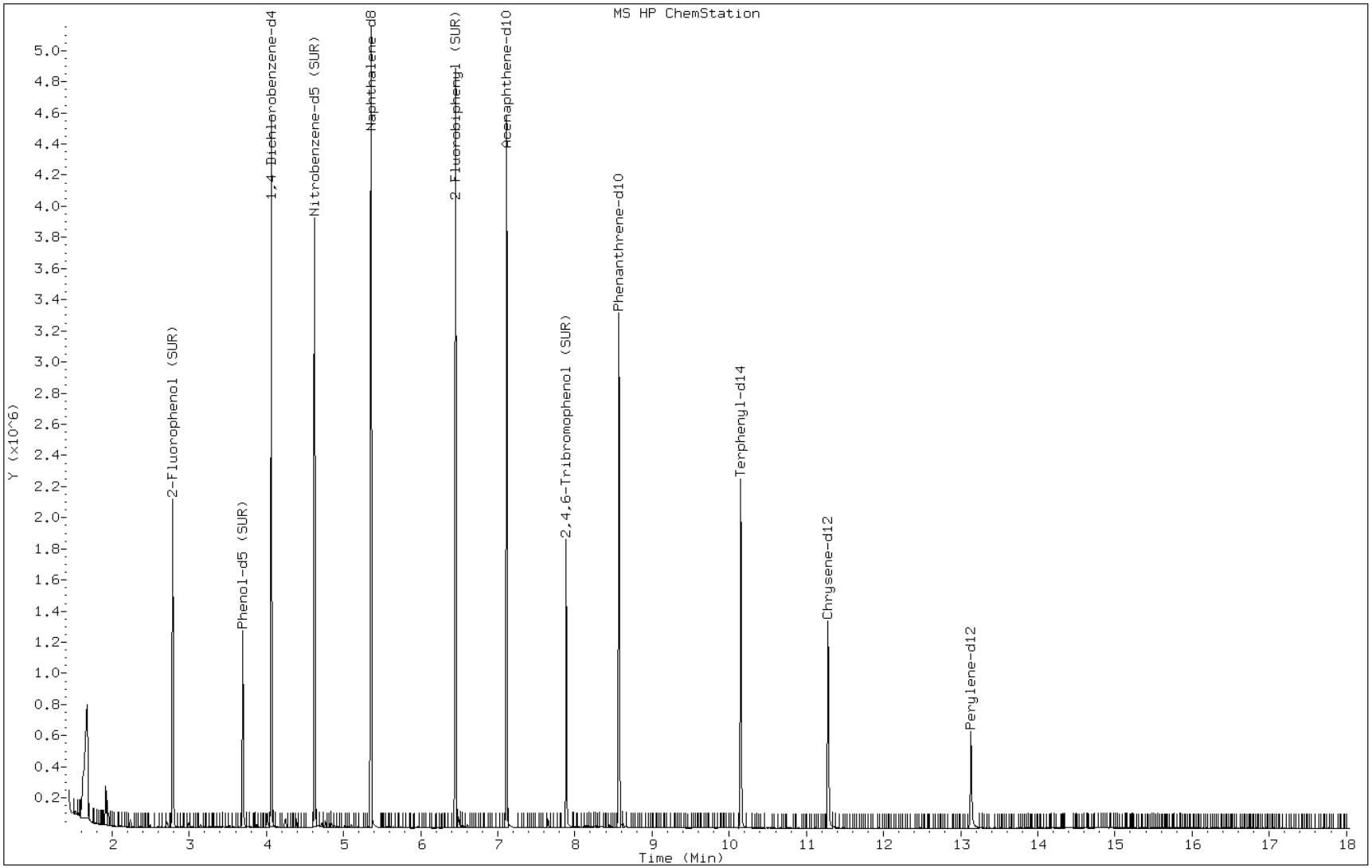
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z8518.d

Date: 06-MAR-2010 02:41

Client ID: GW-017338-030110-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-4-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-005 | Lab Sample ID: 460-10889-5

Matrix: GW | Lab File ID: z8519.d

Analysis Method: 8270C | Date Collected: 03/02/2010 12:10

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 03:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	5.5
108-95-2	Phenol	10	U	10	0.91
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.42
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
95-57-8	2-Chlorophenol	10	U	10	2.7
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.3
98-86-2	Acetophenone	10	U	10	4.4
91-57-6	2-Methylnaphthalene	10	U	10	3.2
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.7
88-74-4	2-Nitroaniline	20	U	20	5.8
67-72-1	Hexachloroethane	1.0	U	1.0	0.51
98-95-3	Nitrobenzene	1.0	U	1.0	0.42
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
78-59-1	Isophorone	10	U	10	3.7
88-75-5	2-Nitrophenol	10	U	10	3.5
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
105-67-9	2,4-Dimethylphenol	10	U	10	2.6
100-01-6	4-Nitroaniline	20	U	20	4.1
100-02-7	4-Nitrophenol	31	U	31	2.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
1912-24-9	Atrazine	10	U	10	4.9
91-20-3	Naphthalene	10	U	10	3.7
100-52-7	Benzaldehyde	10	U *	10	1.4
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.96
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.31
105-60-2	Caprolactam	10	U	10	0.51
86-74-8	Carbazole	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.7
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-005 | Lab Sample ID: 460-10889-5

Matrix: GW | Lab File ID: z8519.d

Analysis Method: 8270C | Date Collected: 03/02/2010 12:10

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 03:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	10	U	10	3.3
91-58-7	2-Chloronaphthalene	10	U	10	3.8
206-44-0	Fluoranthene	10	U	10	2.7
86-73-7	Fluorene	10	U	10	3.3
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.60
208-96-8	Acenaphthylene	10	U	10	4.1
99-09-2	3-Nitroaniline	20	U	20	4.4
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.33
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	31	U	31	4.9
132-64-9	Dibenzofuran	10	U	10	3.7
84-66-2	Diethyl phthalate	10	U	10	3.9
534-52-1	4,6-Dinitro-2-methylphenol	31	U	31	5.3
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.4
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.1
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-005 Lab Sample ID: 460-10889-5

Matrix: GW Lab File ID: z8519.d

Analysis Method: 8270C Date Collected: 03/02/2010 12:10

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/06/2010 03:06

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	89	50-119	
321-60-8	2-Fluorobiphenyl	89	61-112	
367-12-4	2-Fluorophenol (Surr)	44	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	96	61-120	
4165-62-2	Phenol-d5 (Surr)	29	9-48	
1718-51-0	Terphenyl-d14 (Surr)	90	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-005 Lab Sample ID: 460-10889-5

Matrix: GW Lab File ID: z8519.d

Analysis Method: 8270C Date Collected: 03/02/2010 12:10

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/06/2010 03:06

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8519.d
Report Date: 09-Mar-2010 16:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8519.d
Lab Smp Id: 460-10889-F-5-A Client Smp ID: GW-017338-030210-RA
Inj Date : 06-MAR-2010 03:06
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-5-A
Misc Info : 460-10889-F-5-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.790	2.790	(0.686)	530547	21.9071	45
$ 17 Phenol-d5 (SUR)	99	3.696	3.707	(0.909)	403490	14.5656	30
* 79 1,4-Dichlorobenzene-d4	152	4.066	4.066	(1.000)	608061	40.0000	
23 1,2-Dichlorobenzene	146	4.237	4.237	(1.042)	5506	0.23722	0.48(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.625	4.631	(0.864)	1297199	47.7564	97
* 80 Naphthalene-d8	136	5.354	5.360	(1.000)	2188267	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.454	6.448	(0.907)	1563561	44.5863	91
* 82 Acenaphthene-d10	164	7.113	7.113	(1.000)	943409	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.889	7.889	(1.109)	184997	44.6692	91
* 83 Phenanthrene-d10	188	8.572	8.572	(1.000)	1061286	40.0000	
$ 78 Terphenyl-d14	244	10.154	10.148	(0.899)	708270	45.0592	92
* 81 Chrysene-d12	240	11.289	11.283	(1.000)	510333	40.0000	
* 84 Perylene-d12	264	13.136	13.130	(1.000)	334549	40.0000	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8519.d
Report Date: 09-Mar-2010 16:15

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8519.d
Report Date: 09-Mar-2010 16:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8519.d
Lab Smp Id: 460-10889-F-5-A Client Smp ID: GW-017338-030210-RA
Inj Date : 06-MAR-2010 03:06
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-5-A
Misc Info : 460-10889-F-5-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

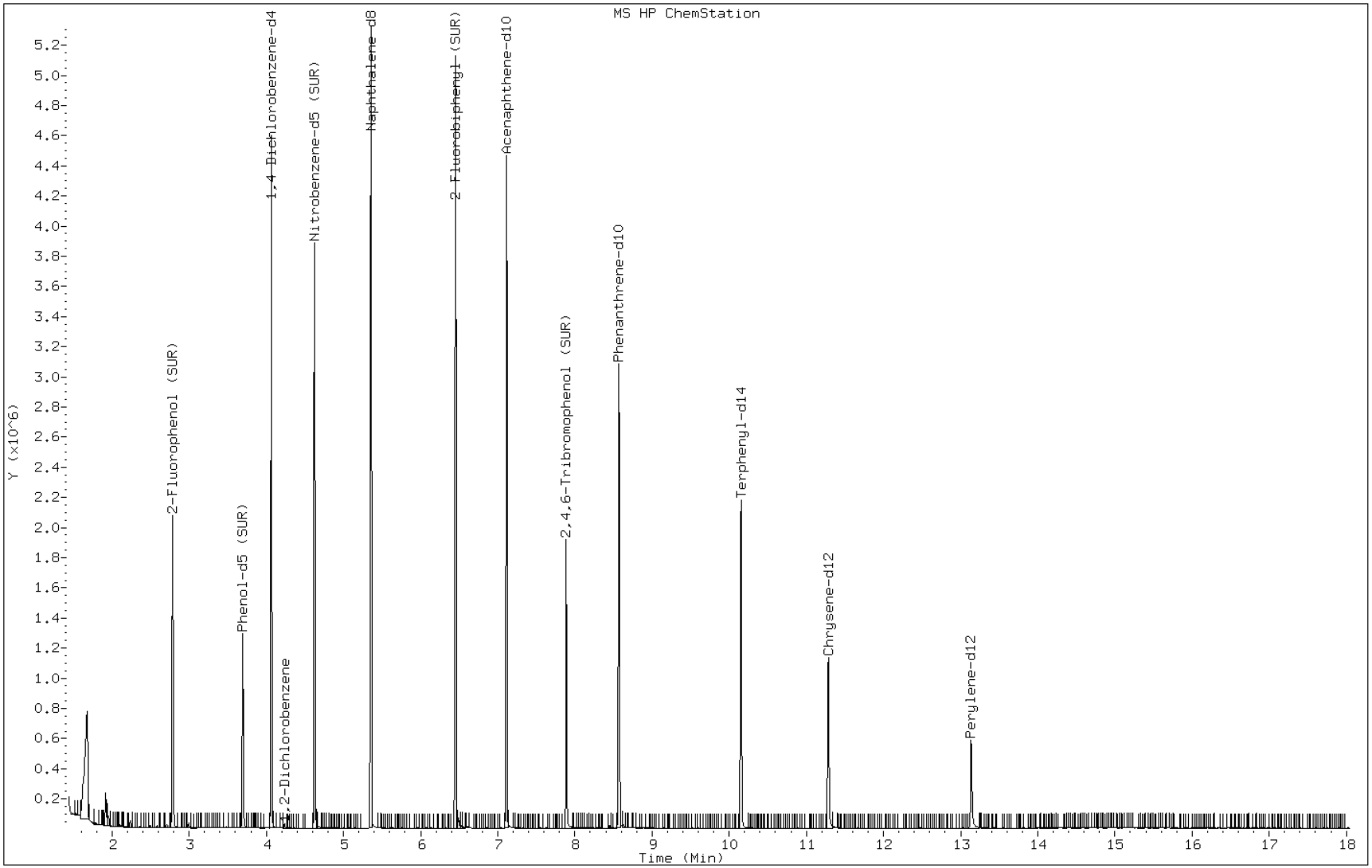
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z8519.d

Date: 06-MAR-2010 03:06

Client ID: GW-017338-030210-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-5-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: EB-017338-030210-ACH-006 | Lab Sample ID: 460-10889-6

Matrix: GW | Lab File ID: z8520.d

Analysis Method: 8270C | Date Collected: 03/02/2010 12:30

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 950(mL) | Date Analyzed: 03/06/2010 03:29

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	11	U	11	5.7
108-95-2	Phenol	11	U	11	0.94
88-06-2	2,4,6-Trichlorophenol	11	U	11	3.3
111-44-4	Bis(2-chloroethyl)ether	1.1	U	1.1	0.43
120-83-2	2,4-Dichlorophenol	11	U	11	2.9
95-57-8	2-Chlorophenol	11	U	11	2.8
121-14-2	2,4-Dinitrotoluene	2.1	U	2.1	0.45
108-60-1	2,2'-oxybis[1-chloropropane]	11	U	11	3.4
98-86-2	Acetophenone	11	U	11	4.5
91-57-6	2-Methylnaphthalene	11	U	11	3.3
106-44-5	4-Methylphenol	11	U	11	1.7
95-48-7	2-Methylphenol	11	U	11	1.7
88-74-4	2-Nitroaniline	21	U	21	6.0
67-72-1	Hexachloroethane	1.1	U	1.1	0.53
98-95-3	Nitrobenzene	1.1	U	1.1	0.43
59-50-7	4-Chloro-3-methylphenol	11	U	11	2.1
78-59-1	Isophorone	11	U	11	3.8
88-75-5	2-Nitrophenol	11	U	11	3.6
7005-72-3	4-Chlorophenyl phenyl ether	11	U	11	4.1
105-67-9	2,4-Dimethylphenol	11	U	11	2.6
100-01-6	4-Nitroaniline	21	U	21	4.2
100-02-7	4-Nitrophenol	32	U	32	2.4
111-91-1	Bis(2-chloroethoxy)methane	11	U	11	3.7
1912-24-9	Atrazine	11	U	11	5.0
91-20-3	Naphthalene	11	U	11	3.9
100-52-7	Benzaldehyde	11	U *	11	1.4
106-47-8	4-Chloroaniline	11	U	11	2.2
87-68-3	Hexachlorobutadiene	2.1	U	2.1	0.99
207-08-9	Benzo[k]fluoranthene	1.1	U	1.1	0.32
105-60-2	Caprolactam	11	U	11	0.53
86-74-8	Carbazole	11	U	11	3.2
77-47-4	Hexachlorocyclopentadiene	11	U	11	4.8
53-70-3	Dibenz(a,h)anthracene	1.1	U	1.1	0.17
95-95-4	2,4,5-Trichlorophenol	11	U	11	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: EB-017338-030210-ACH-006 | Lab Sample ID: 460-10889-6

Matrix: GW | Lab File ID: z8520.d

Analysis Method: 8270C | Date Collected: 03/02/2010 12:30

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 950(mL) | Date Analyzed: 03/06/2010 03:29

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	11	U	11	3.4
91-58-7	2-Chloronaphthalene	11	U	11	3.9
206-44-0	Fluoranthene	11	U	11	2.8
86-73-7	Fluorene	11	U	11	3.4
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	0.62
208-96-8	Acenaphthylene	11	U	11	4.2
99-09-2	3-Nitroaniline	21	U	21	4.6
621-64-7	N-Nitrosodi-n-propylamine	1.1	U	1.1	0.34
83-32-9	Acenaphthene	11	U	11	4.0
51-28-5	2,4-Dinitrophenol	32	U	32	5.1
132-64-9	Dibenzofuran	11	U	11	3.8
84-66-2	Diethyl phthalate	11	U	11	4.0
534-52-1	4,6-Dinitro-2-methylphenol	32	U	32	5.5
86-30-6	N-Nitrosodiphenylamine	11	U	11	4.1
101-55-3	4-Bromophenyl phenyl ether	11	U	11	4.1
85-01-8	Phenanthrene	11	U	11	3.7
120-12-7	Anthracene	11	U	11	3.7
84-74-2	Di-n-butyl phthalate	11	U	11	2.9
129-00-0	Pyrene	11	U	11	4.5
85-68-7	Butyl benzyl phthalate	11	U	11	2.9
91-94-1	3,3'-Dichlorobenzidine	21	U	21	7.3
218-01-9	Chrysene	11	U	11	4.0
117-81-7	Bis(2-ethylhexyl) phthalate	11	U	11	2.5
117-84-0	Di-n-octyl phthalate	11	U	11	2.0
193-39-5	Indeno[1,2,3-cd]pyrene	1.1	U	1.1	0.13
191-24-2	Benzo[g,h,i]perylene	11	U	11	2.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: EB-017338-030210-ACH-006 Lab Sample ID: 460-10889-6

Matrix: GW Lab File ID: z8520.d

Analysis Method: 8270C Date Collected: 03/02/2010 12:30

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 950(mL) Date Analyzed: 03/06/2010 03:29

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	88	50-119	
321-60-8	2-Fluorobiphenyl	82	61-112	
367-12-4	2-Fluorophenol (Surr)	39	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	89	61-120	
4165-62-2	Phenol-d5 (Surr)	27	9-48	
1718-51-0	Terphenyl-d14 (Surr)	84	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: EB-017338-030210-ACH-006 Lab Sample ID: 460-10889-6

Matrix: GW Lab File ID: z8520.d

Analysis Method: 8270C Date Collected: 03/02/2010 12:30

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 950(mL) Date Analyzed: 03/06/2010 03:29

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8520.d
Report Date: 07-Mar-2010 14:30

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8520.d
Lab Smp Id: 460-10889-F-6-A Client Smp ID: EB-017338-030210-AC
Inj Date : 06-MAR-2010 03:29
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-6-A
Misc Info : 460-10889-F-6-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	950.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.784	2.790	(0.685)	475287	19.2633	40
$ 17 Phenol-d5 (SUR)	99	3.696	3.707	(0.909)	378314	13.4049	28
* 79 1,4-Dichlorobenzene-d4	152	4.066	4.066	(1.000)	619487	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.625	4.631	(0.864)	1262421	44.7349	94
* 80 Naphthalene-d8	136	5.354	5.360	(1.000)	2273440	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.454	6.448	(0.907)	1531561	40.8637	86
* 82 Acenaphthene-d10	164	7.113	7.113	(1.000)	1008285	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.889	7.889	(1.109)	195519	44.1723	93
* 83 Phenanthrene-d10	188	8.572	8.572	(1.000)	1157108	40.0000	
$ 78 Terphenyl-d14	244	10.148	10.148	(0.899)	735079	42.2450	89
* 81 Chrysene-d12	240	11.283	11.283	(1.000)	564933	40.0000	
* 84 Perylene-d12	264	13.136	13.130	(1.000)	357158	40.0000	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8520.d
Report Date: 07-Mar-2010 14:30

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8520.d
Lab Smp Id: 460-10889-F-6-A Client Smp ID: EB-017338-030210-AC
Inj Date : 06-MAR-2010 03:29
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-6-A
Misc Info : 460-10889-F-6-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

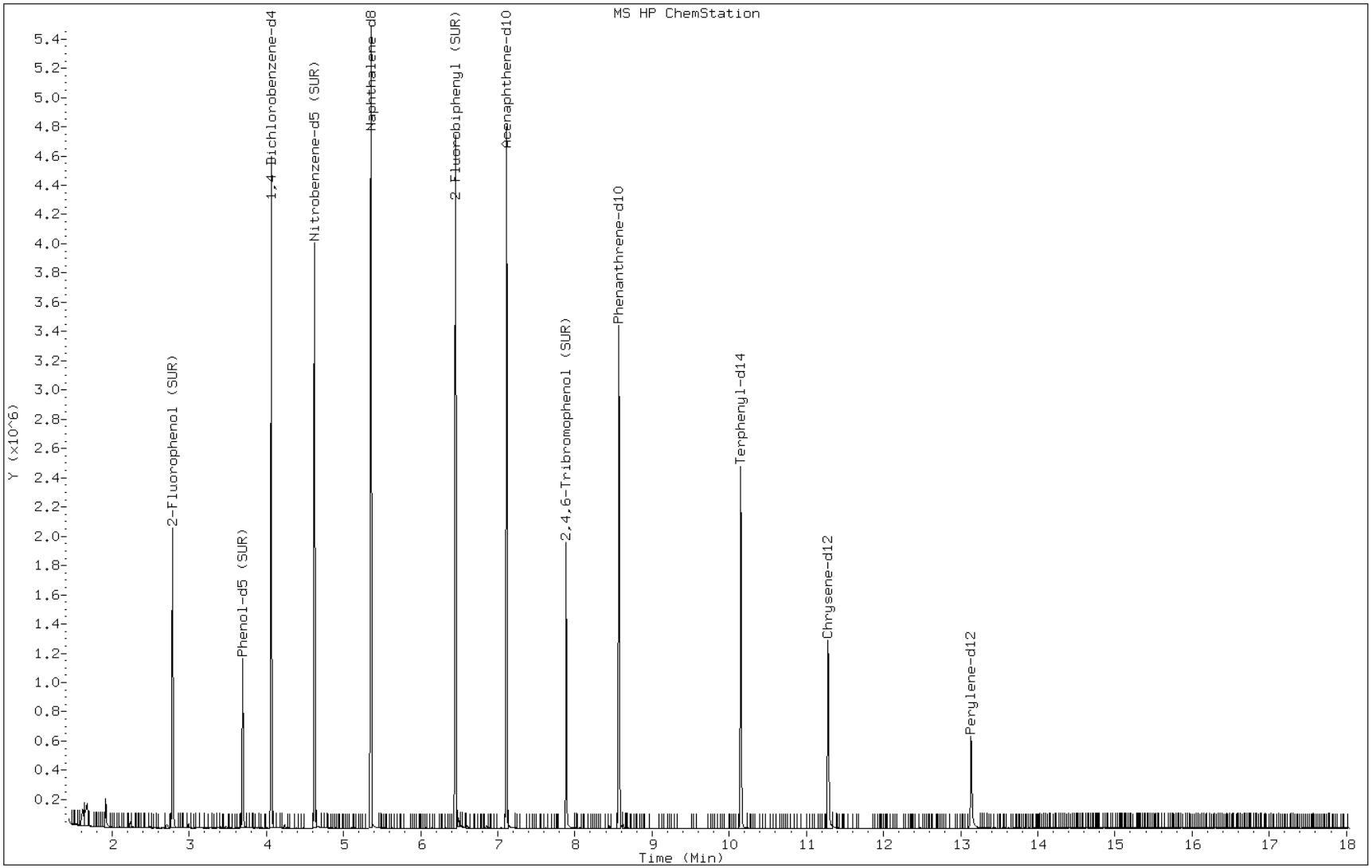
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z8520.d

Date: 06-MAR-2010 03:29

Client ID: EB-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-6-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-007 | Lab Sample ID: 460-10889-7

Matrix: GW | Lab File ID: z8521.d

Analysis Method: 8270C | Date Collected: 03/02/2010 13:10

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 960(mL) | Date Analyzed: 03/06/2010 03:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	5.6
108-95-2	Phenol	10	U	10	0.93
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.3
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.43
120-83-2	2,4-Dichlorophenol	10	U	10	2.9
95-57-8	2-Chlorophenol	10	U	10	2.7
121-14-2	2,4-Dinitrotoluene	2.1	U	2.1	0.45
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.3
98-86-2	Acetophenone	10	U	10	4.5
91-57-6	2-Methylnaphthalene	10	U	10	3.2
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.7
88-74-4	2-Nitroaniline	21	U	21	5.9
67-72-1	Hexachloroethane	1.0	U	1.0	0.52
98-95-3	Nitrobenzene	1.0	U	1.0	0.43
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.1
78-59-1	Isophorone	10	U	10	3.7
88-75-5	2-Nitrophenol	10	U	10	3.5
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.1
105-67-9	2,4-Dimethylphenol	10	U	10	2.6
100-01-6	4-Nitroaniline	21	U	21	4.1
100-02-7	4-Nitrophenol	31	U	31	2.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.6
1912-24-9	Atrazine	10	U	10	5.0
91-20-3	Naphthalene	10	U	10	3.8
100-52-7	Benzaldehyde	10	U *	10	1.4
106-47-8	4-Chloroaniline	10	U	10	2.2
87-68-3	Hexachlorobutadiene	2.1	U	2.1	0.98
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.31
105-60-2	Caprolactam	10	U	10	0.52
86-74-8	Carbazole	10	U	10	3.2
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.8
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.17
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-007 | Lab Sample ID: 460-10889-7

Matrix: GW | Lab File ID: z8521.d

Analysis Method: 8270C | Date Collected: 03/02/2010 13:10

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 960(mL) | Date Analyzed: 03/06/2010 03:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	10	U	10	3.4
91-58-7	2-Chloronaphthalene	10	U	10	3.9
206-44-0	Fluoranthene	10	U	10	2.8
86-73-7	Fluorene	10	U	10	3.4
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	0.61
208-96-8	Acenaphthylene	10	U	10	4.2
99-09-2	3-Nitroaniline	21	U	21	4.5
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.33
83-32-9	Acenaphthene	10	U	10	3.9
51-28-5	2,4-Dinitrophenol	31	U	31	5.0
132-64-9	Dibenzofuran	10	U	10	3.7
84-66-2	Diethyl phthalate	10	U	10	4.0
534-52-1	4,6-Dinitro-2-methylphenol	31	U	31	5.4
86-30-6	N-Nitrosodiphenylamine	10	U	10	4.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.1
85-01-8	Phenanthrene	10	U	10	3.7
120-12-7	Anthracene	10	U	10	3.7
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
129-00-0	Pyrene	10	U	10	4.4
85-68-7	Butyl benzyl phthalate	10	U	10	2.9
91-94-1	3,3'-Dichlorobenzidine	21	U	21	7.3
218-01-9	Chrysene	10	U	10	3.9
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.5
117-84-0	Di-n-octyl phthalate	10	U	10	2.0
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-007 Lab Sample ID: 460-10889-7

Matrix: GW Lab File ID: z8521.d

Analysis Method: 8270C Date Collected: 03/02/2010 13:10

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 960(mL) Date Analyzed: 03/06/2010 03:54

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	91	50-119	
321-60-8	2-Fluorobiphenyl	83	61-112	
367-12-4	2-Fluorophenol (Surr)	39	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	90	61-120	
4165-62-2	Phenol-d5 (Surr)	27	9-48	
1718-51-0	Terphenyl-d14 (Surr)	83	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-007 Lab Sample ID: 460-10889-7

Matrix: GW Lab File ID: z8521.d

Analysis Method: 8270C Date Collected: 03/02/2010 13:10

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 960(mL) Date Analyzed: 03/06/2010 03:54

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8521.d
Report Date: 09-Mar-2010 16:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8521.d
Lab Smp Id: 460-10889-F-7-A Client Smp ID: GW-017338-030210-RA
Inj Date : 06-MAR-2010 03:54
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-7-A
Misc Info : 460-10889-F-7-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	960.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.784	2.790	(0.685)	505509	19.5482	41
$ 17 Phenol-d5 (SUR)	99	3.695	3.707	(0.909)	393016	13.2869	28
* 79 1,4-Dichlorobenzene-d4	152	4.066	4.066	(1.000)	649277	40.0000	
23 1,2-Dichlorobenzene	146	4.237	4.237	(1.042)	5505	0.22212	0.46(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.625	4.631	(0.864)	1329499	45.0020	94
* 80 Naphthalene-d8	136	5.354	5.360	(1.000)	2380024	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.454	6.448	(0.907)	1621114	41.3556	86
* 82 Acenaphthene-d10	164	7.113	7.113	(1.000)	1054546	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.889	7.889	(1.109)	211381	45.6609	95
* 83 Phenanthrene-d10	188	8.572	8.572	(1.000)	1229372	40.0000	
$ 78 Terphenyl-d14	244	10.154	10.148	(0.899)	774892	41.6977	87
* 81 Chrysene-d12	240	11.289	11.283	(1.000)	603347	40.0000	
* 84 Perylene-d12	264	13.142	13.130	(1.000)	382559	40.0000	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8521.d
Report Date: 09-Mar-2010 16:16

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8521.d
Report Date: 09-Mar-2010 16:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8521.d
Lab Smp Id: 460-10889-F-7-A Client Smp ID: GW-017338-030210-RA
Inj Date : 06-MAR-2010 03:54
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-7-A
Misc Info : 460-10889-F-7-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

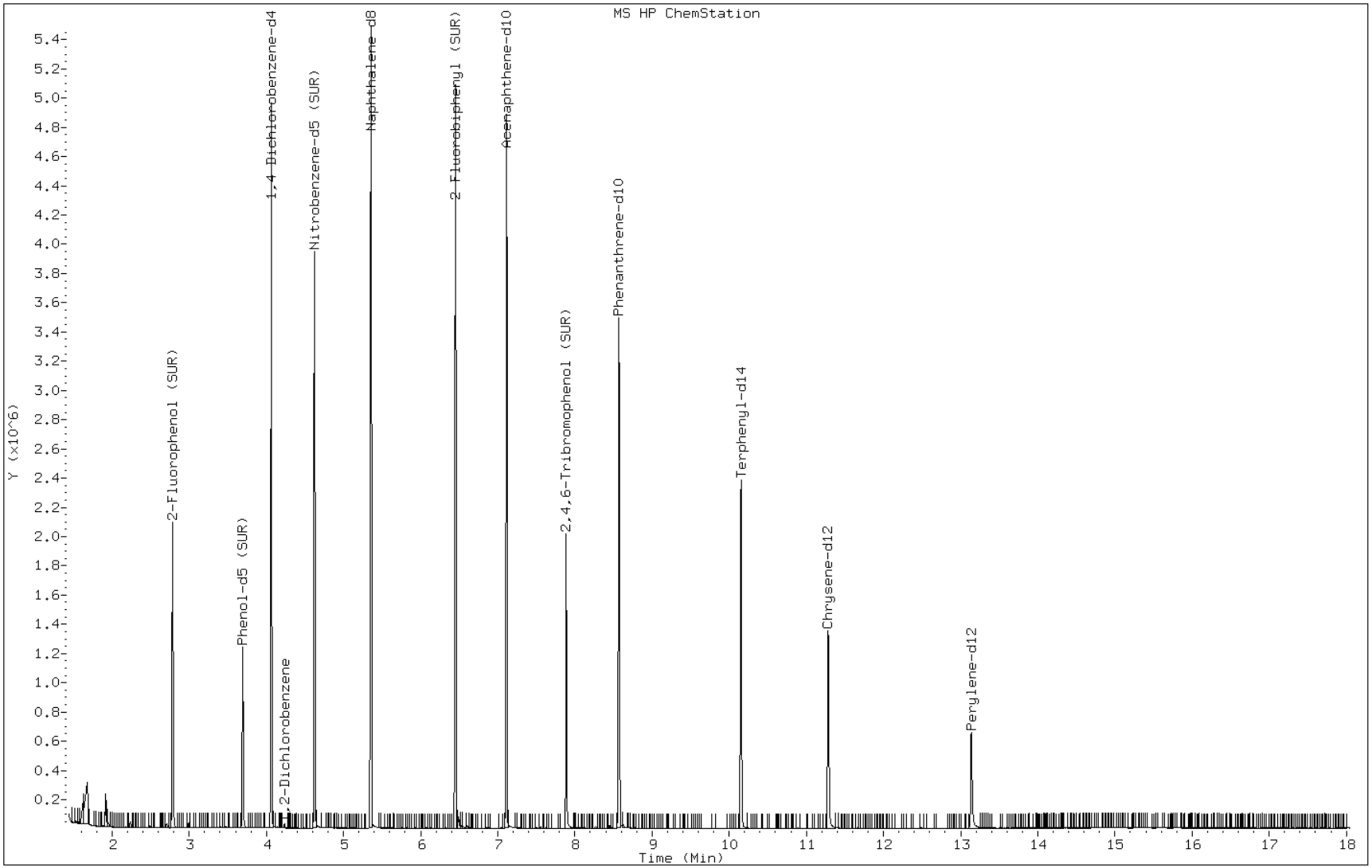
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z8521.d

Date: 06-MAR-2010 03:54

Client ID: GW-017338-030210-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-7-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-008 Lab Sample ID: 460-10889-8

Matrix: GW Lab File ID: z8522.d

Analysis Method: 8270C Date Collected: 03/02/2010 13:15

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/06/2010 04:18

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	5.5
108-95-2	Phenol	10	U	10	0.91
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.42
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
95-57-8	2-Chlorophenol	10	U	10	2.7
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.3
98-86-2	Acetophenone	10	U	10	4.4
91-57-6	2-Methylnaphthalene	10	U	10	3.2
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.7
88-74-4	2-Nitroaniline	20	U	20	5.8
67-72-1	Hexachloroethane	1.0	U	1.0	0.51
98-95-3	Nitrobenzene	1.0	U	1.0	0.42
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
78-59-1	Isophorone	10	U	10	3.7
88-75-5	2-Nitrophenol	10	U	10	3.5
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
105-67-9	2,4-Dimethylphenol	10	U	10	2.6
100-01-6	4-Nitroaniline	20	U	20	4.1
100-02-7	4-Nitrophenol	31	U	31	2.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
1912-24-9	Atrazine	10	U	10	4.9
91-20-3	Naphthalene	10	U	10	3.7
100-52-7	Benzaldehyde	10	U *	10	1.4
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.96
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.31
105-60-2	Caprolactam	10	U	10	0.51
86-74-8	Carbazole	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.7
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-008 | Lab Sample ID: 460-10889-8

Matrix: GW | Lab File ID: z8522.d

Analysis Method: 8270C | Date Collected: 03/02/2010 13:15

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 04:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	10	U	10	3.3
91-58-7	2-Chloronaphthalene	10	U	10	3.8
206-44-0	Fluoranthene	10	U	10	2.7
86-73-7	Fluorene	10	U	10	3.3
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.60
208-96-8	Acenaphthylene	10	U	10	4.1
99-09-2	3-Nitroaniline	20	U	20	4.4
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.33
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	31	U	31	4.9
132-64-9	Dibenzofuran	10	U	10	3.7
84-66-2	Diethyl phthalate	10	U	10	3.9
534-52-1	4,6-Dinitro-2-methylphenol	31	U	31	5.3
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.4
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.1
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-008 Lab Sample ID: 460-10889-8

Matrix: GW Lab File ID: z8522.d

Analysis Method: 8270C Date Collected: 03/02/2010 13:15

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/06/2010 04:18

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	81	50-119	
321-60-8	2-Fluorobiphenyl	78	61-112	
367-12-4	2-Fluorophenol (Surr)	35	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	84	61-120	
4165-62-2	Phenol-d5 (Surr)	24	9-48	
1718-51-0	Terphenyl-d14 (Surr)	75	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-008 Lab Sample ID: 460-10889-8

Matrix: GW Lab File ID: z8522.d

Analysis Method: 8270C Date Collected: 03/02/2010 13:15

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/06/2010 04:18

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

Number TICs Found: 1 TIC Result Total: 9.5

CAS NO.	COMPOUND NAME	RT	RESULT	Q
112-36-7	Ethane, 1,1''-oxybis[2-ethoxy-]	4.50	9.5	T J N

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8522.d
Report Date: 09-Mar-2010 16:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8522.d
Lab Smp Id: 460-10889-E-8-A Client Smp ID: GW-017338-030210-AC
Inj Date : 06-MAR-2010 04:18
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-E-8-A
Misc Info : 460-10889-E-8-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.784	2.790	(0.685)	421900	17.7002	36
$ 17 Phenol-d5 (SUR)	99	3.695	3.707	(0.909)	322036	11.8116	24
* 79 1,4-Dichlorobenzene-d4	152	4.066	4.066	(1.000)	598465	40.0000	
23 1,2-Dichlorobenzene	146	4.237	4.237	(1.042)	4300	0.18823	0.38(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.625	4.631	(0.864)	1129249	41.8941	85
* 80 Naphthalene-d8	136	5.354	5.360	(1.000)	2171509	40.0000	
34 2-Methylnaphthalene	142	6.072	6.078	(1.134)	3524	0.11328	0.23(a)
120 1-Methylnaphthalene	142	6.172	6.178	(1.153)	4639	0.14987	0.30(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.454	6.448	(0.907)	1370786	38.9684	80
* 82 Acenaphthene-d10	164	7.113	7.113	(1.000)	946332	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.889	7.889	(1.109)	167409	40.2976	82
* 83 Phenanthrene-d10	188	8.572	8.572	(1.000)	1092020	40.0000	
$ 78 Terphenyl-d14	244	10.154	10.148	(0.899)	624109	37.3119	76
* 81 Chrysene-d12	240	11.289	11.283	(1.000)	543064	40.0000	
* 84 Perylene-d12	264	13.142	13.130	(1.000)	356136	40.0000	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8522.d
Report Date: 09-Mar-2010 16:16

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8522.d
Report Date: 09-Mar-2010 16:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8522.d
Lab Smp Id: 460-10889-E-8-A Client Smp ID: GW-017338-030210-AC
Inj Date : 06-MAR-2010 04:18
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-E-8-A
Misc Info : 460-10889-E-8-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	4.066	4349078	40.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
4.501	506164	4.65536302	9.5	90	NIST02.l	31019	79

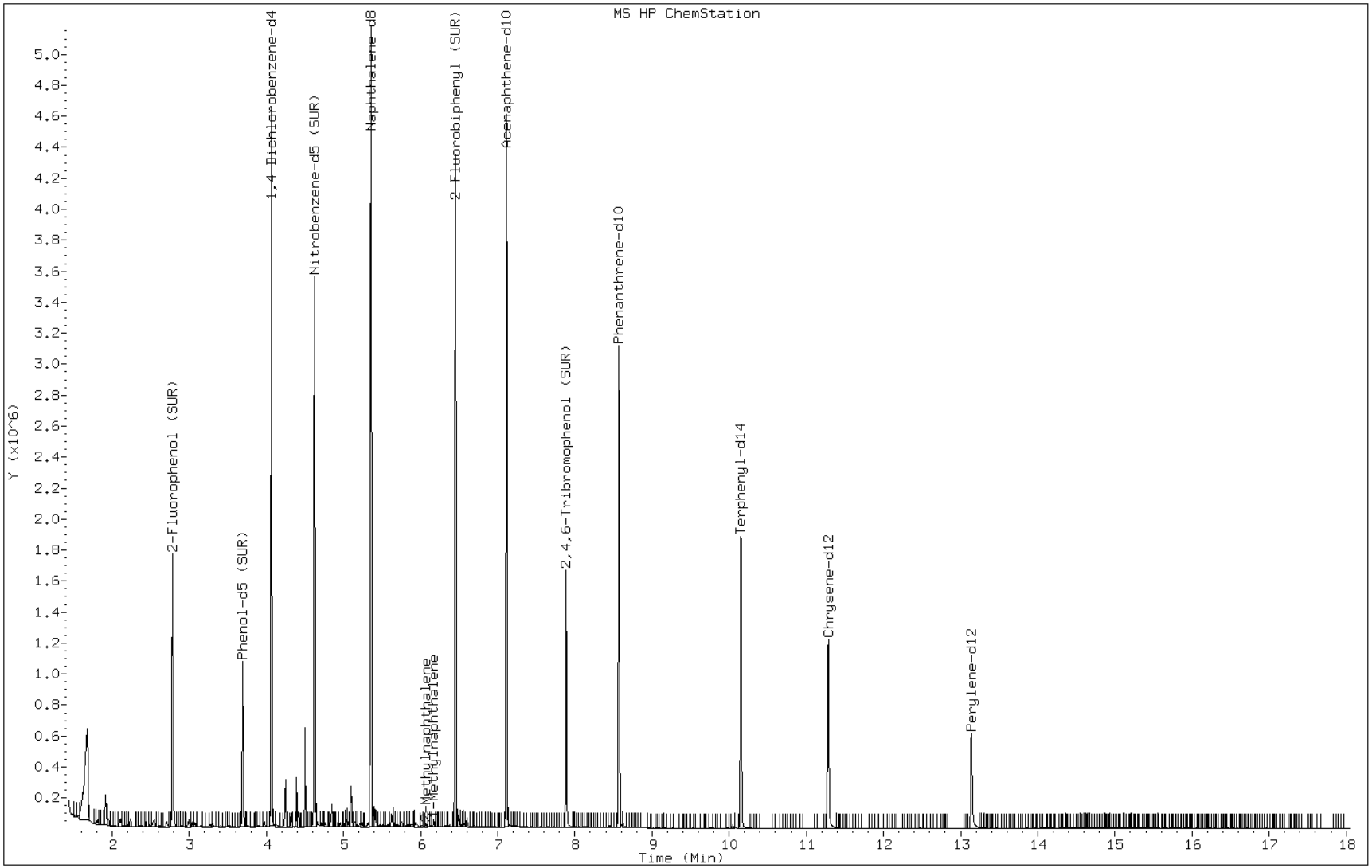
Ethane, 1,1'-oxybis[2-ethoxy-] CAS #: 112-36-7

Data File: z8522.d

Date: 06-MAR-2010 04:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-8-A Operator: BNAMS 4



Data File: z8522.d

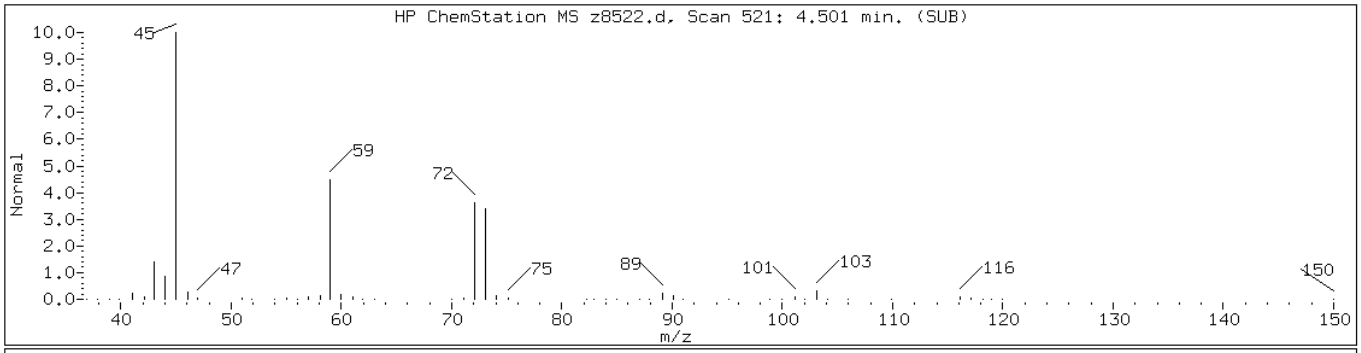
Date: 06-MAR-2010 04:18

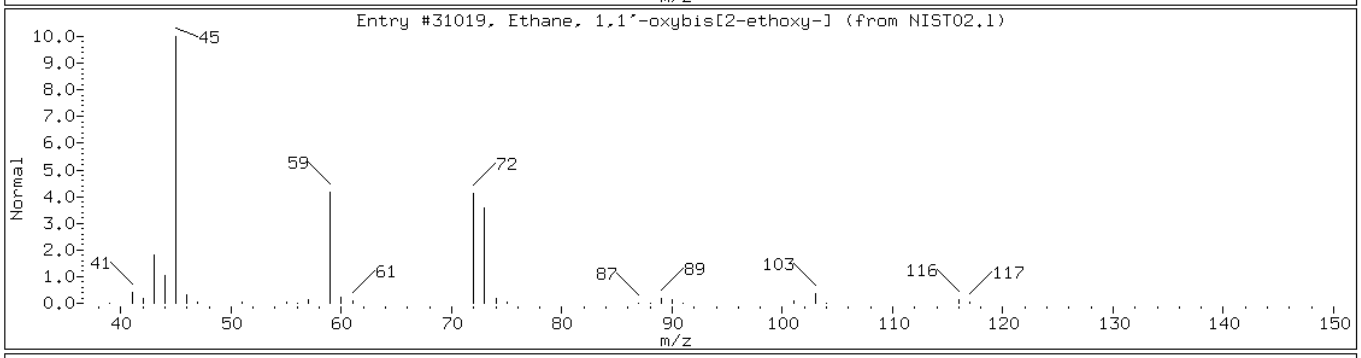
Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

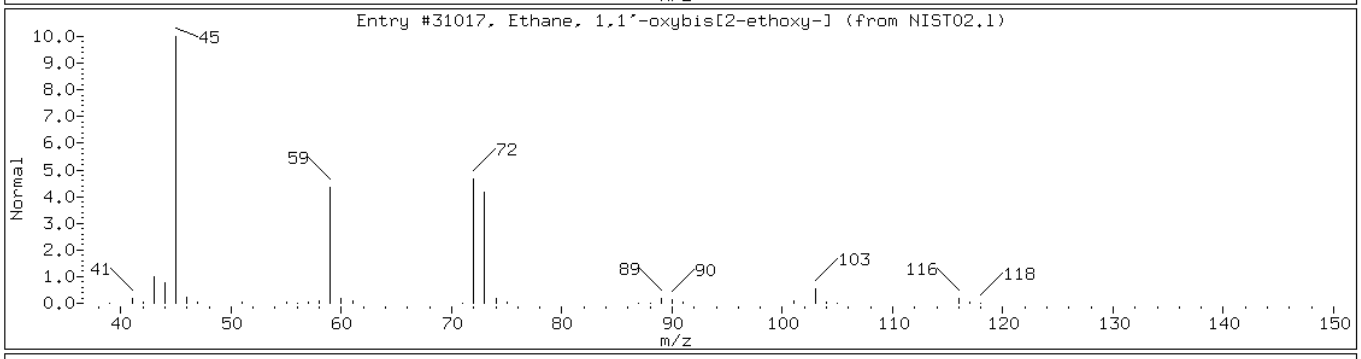
Sample Info: 460-10889-E-8-A Operator: BNAMS 4

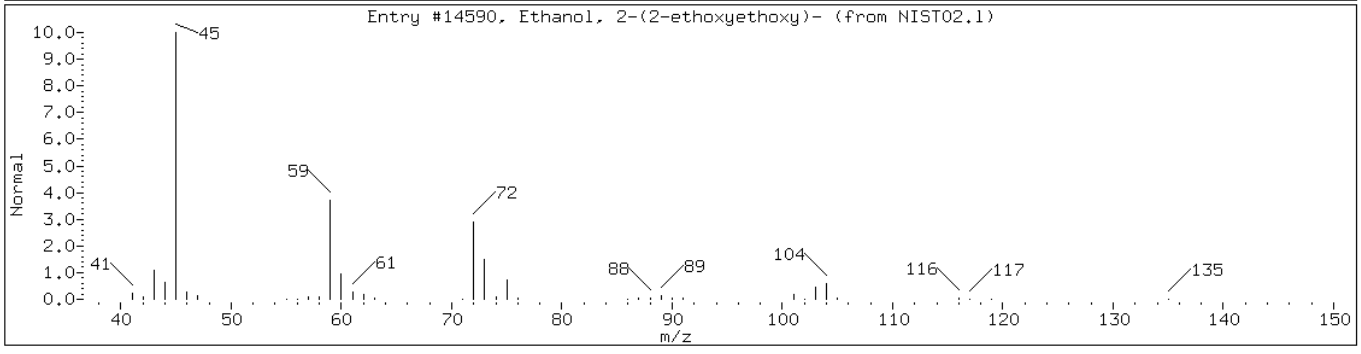
Retention Time: 4.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethane, 1,1'-oxybis[2-ethoxy-]	112-36-7	NIST02.l	31019	90	C8H18O3	162
Ethane, 1,1'-oxybis[2-ethoxy-]	112-36-7	NIST02.l	31017	78	C8H18O3	162
Ethanol, 2-(2-ethoxyethoxy)-	111-90-0	NIST02.l	14590	72	C6H14O3	134









FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-009 | Lab Sample ID: 460-10889-9

Matrix: GW | Lab File ID: z8523.d

Analysis Method: 8270C | Date Collected: 03/02/2010 14:40

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 950(mL) | Date Analyzed: 03/06/2010 04:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	11	U	11	5.7
108-95-2	Phenol	11	U	11	0.94
88-06-2	2,4,6-Trichlorophenol	11	U	11	3.3
111-44-4	Bis(2-chloroethyl)ether	1.1	U	1.1	0.43
120-83-2	2,4-Dichlorophenol	11	U	11	2.9
95-57-8	2-Chlorophenol	11	U	11	2.8
121-14-2	2,4-Dinitrotoluene	2.1	U	2.1	0.45
108-60-1	2,2'-oxybis[1-chloropropane]	11	U	11	3.4
98-86-2	Acetophenone	11	U	11	4.5
91-57-6	2-Methylnaphthalene	3.7	J	11	3.3
106-44-5	4-Methylphenol	11	U	11	1.7
95-48-7	2-Methylphenol	11	U	11	1.7
88-74-4	2-Nitroaniline	21	U	21	6.0
67-72-1	Hexachloroethane	1.1	U	1.1	0.53
98-95-3	Nitrobenzene	1.1	U	1.1	0.43
59-50-7	4-Chloro-3-methylphenol	11	U	11	2.1
78-59-1	Isophorone	11	U	11	3.8
88-75-5	2-Nitrophenol	11	U	11	3.6
7005-72-3	4-Chlorophenyl phenyl ether	11	U	11	4.1
105-67-9	2,4-Dimethylphenol	4.8	J	11	2.6
100-01-6	4-Nitroaniline	21	U	21	4.2
100-02-7	4-Nitrophenol	32	U	32	2.4
111-91-1	Bis(2-chloroethoxy)methane	11	U	11	3.7
1912-24-9	Atrazine	11	U	11	5.0
91-20-3	Naphthalene	11	U	11	3.9
100-52-7	Benzaldehyde	11	U *	11	1.4
106-47-8	4-Chloroaniline	11	U	11	2.2
87-68-3	Hexachlorobutadiene	2.1	U	2.1	0.99
207-08-9	Benzo[k]fluoranthene	1.1	U	1.1	0.32
105-60-2	Caprolactam	11	U	11	0.53
86-74-8	Carbazole	11	U	11	3.2
77-47-4	Hexachlorocyclopentadiene	11	U	11	4.8
53-70-3	Dibenz(a,h)anthracene	1.1	U	1.1	0.17
95-95-4	2,4,5-Trichlorophenol	11	U	11	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-009 | Lab Sample ID: 460-10889-9

Matrix: GW | Lab File ID: z8523.d

Analysis Method: 8270C | Date Collected: 03/02/2010 14:40

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 950(mL) | Date Analyzed: 03/06/2010 04:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	11	U	11	3.4
91-58-7	2-Chloronaphthalene	11	U	11	3.9
206-44-0	Fluoranthene	11	U	11	2.8
86-73-7	Fluorene	11	U	11	3.4
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	0.62
208-96-8	Acenaphthylene	11	U	11	4.2
99-09-2	3-Nitroaniline	21	U	21	4.6
621-64-7	N-Nitrosodi-n-propylamine	1.1	U	1.1	0.34
83-32-9	Acenaphthene	11	U	11	4.0
51-28-5	2,4-Dinitrophenol	32	U	32	5.1
132-64-9	Dibenzofuran	11	U	11	3.8
84-66-2	Diethyl phthalate	11	U	11	4.0
534-52-1	4,6-Dinitro-2-methylphenol	32	U	32	5.5
86-30-6	N-Nitrosodiphenylamine	11	U	11	4.1
101-55-3	4-Bromophenyl phenyl ether	11	U	11	4.1
85-01-8	Phenanthrene	11	U	11	3.7
120-12-7	Anthracene	11	U	11	3.7
84-74-2	Di-n-butyl phthalate	11	U	11	2.9
129-00-0	Pyrene	11	U	11	4.5
85-68-7	Butyl benzyl phthalate	11	U	11	2.9
91-94-1	3,3'-Dichlorobenzidine	21	U	21	7.3
218-01-9	Chrysene	11	U	11	4.0
117-81-7	Bis(2-ethylhexyl) phthalate	11	U	11	2.5
117-84-0	Di-n-octyl phthalate	11	U	11	2.0
193-39-5	Indeno[1,2,3-cd]pyrene	1.1	U	1.1	0.13
191-24-2	Benzo[g,h,i]perylene	11	U	11	2.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-009 Lab Sample ID: 460-10889-9

Matrix: GW Lab File ID: z8523.d

Analysis Method: 8270C Date Collected: 03/02/2010 14:40

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 950(mL) Date Analyzed: 03/06/2010 04:42

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	91	50-119	
321-60-8	2-Fluorobiphenyl	86	61-112	
367-12-4	2-Fluorophenol (Surr)	25	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	93	61-120	
4165-62-2	Phenol-d5 (Surr)	31	9-48	
1718-51-0	Terphenyl-d14 (Surr)	82	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-009 | Lab Sample ID: 460-10889-9

Matrix: GW | Lab File ID: z8523.d

Analysis Method: 8270C | Date Collected: 03/02/2010 14:40

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 950(mL) | Date Analyzed: 03/06/2010 04:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

Number TICs Found: 10 | TIC Result Total: 481.7

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Cycloalkane	1.62	20	T J
108-88-3	Toluene	1.92	41	T J N
100-41-4	Ethylbenzene	2.71	190	T J N
	Xylene isomer	3.00	55	T J
	Ethylmethylbenzene isomer	3.28	88	T J
103-65-1	Benzene, propyl-	3.54	42	T J N
	Trimethylbenzene isomer	3.90	9.6	T J
	C9H10 Aromatic	4.25	11	T J
	Tetramethylbenzene isomer	4.85	9.1	T J
	2,3-dihydro-methyl-1H-Indene isomer	5.10	16	T J

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8523.d
Report Date: 09-Mar-2010 16:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8523.d
Lab Smp Id: 460-10889-F-9 Client Smp ID: GW-017338-030210-RA
Inj Date : 06-MAR-2010 04:42
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-9
Misc Info : 460-10889-F-9
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.796	2.790	(0.688)	304721	12.5597	25
$ 17 Phenol-d5 (SUR)	99	3.696	3.707	(0.909)	428380	15.4362	31
* 79 1,4-Dichlorobenzene-d4	152	4.066	4.066	(1.000)	609161	40.0000	
23 1,2-Dichlorobenzene	146	4.237	4.237	(1.042)	5446	0.23421	0.47(a)
4 4-Methylphenol	108	4.484	4.496	(1.103)	8317	0.55762	1.1(a)
121 3 & 4 Methylphenol	108	4.484	4.496	(1.103)	8317	0.55762	1.1(a)
104 Acetophenone	105	4.472	4.484	(1.100)	38055	1.51507	3.0(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.631	4.631	(0.865)	1239768	46.5748	93
6 2,4-Dimethylphenol	122	5.025	5.031	(0.938)	39638	2.29312	4.6(a)
* 80 Naphthalene-d8	136	5.354	5.360	(1.000)	2144443	40.0000	
31 Naphthalene	128	5.378	5.378	(1.004)	100967	1.82202	3.6(a)
34 2-Methylnaphthalene	142	6.072	6.078	(1.134)	54660	1.77924	3.6(a)
120 1-Methylnaphthalene	142	6.172	6.178	(1.153)	43341	1.41785	2.8(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.454	6.448	(0.907)	1491012	42.8056	86
* 82 Acenaphthene-d10	164	7.113	7.113	(1.000)	937059	40.0000	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8523.d
Report Date: 09-Mar-2010 16:17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	42 Acenaphthene	154	7.142	7.142	(1.004)	2627	0.11170	0.22(a)
$	18 2,4,6-Tribromophenol (SUR)	330	7.889	7.889	(1.109)	187655	45.6181	91
*	83 Phenanthrene-d10	188	8.572	8.572	(1.000)	1111042	40.0000	
$	78 Terphenyl-d14	244	10.148	10.148	(0.899)	708140	40.8917	82
*	81 Chrysene-d12	240	11.283	11.283	(1.000)	562241	40.0000	
*	84 Perylene-d12	264	13.142	13.130	(1.000)	363024	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8523.d
Report Date: 09-Mar-2010 16:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8523.d
Lab Smp Id: 460-10889-F-9 Client Smp ID: GW-017338-030210-RA
Inj Date : 06-MAR-2010 04:42
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-9
Misc Info : 460-10889-F-9
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	4.066	4402509	40.000
* 80 Naphthalene-d8	5.354	5401104	40.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Cycloalkane					CAS #:		
1.619	1023488	9.29913632	18	0		0	79
Toluene					CAS #: 108-88-3		
1.919	2125910	19.3154352	39	97	NIST02.l	2405	79

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8523.d
Report Date: 09-Mar-2010 16:17

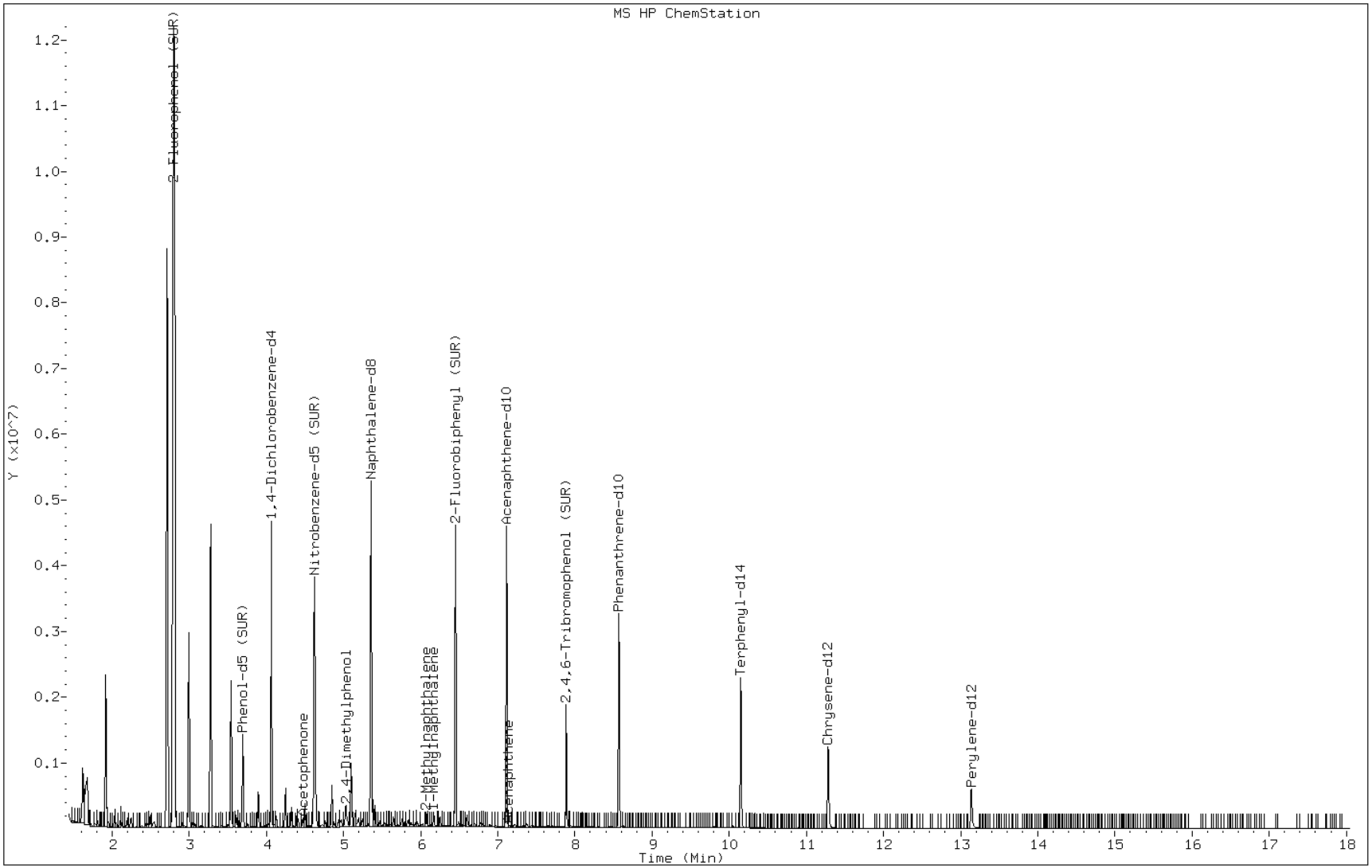
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==============	============	====	=======	=========	======
Ethylbenzene					CAS #: 100-41-4		
2.713	9906088	90.0040173	180	95	NIST02.l	4962	79
Xylene isomer					CAS #:		
2.996	2898576	26.3356731	53	0		0	79
Ethylmethylbenzene isomer					CAS #:		
3.278	4595641	41.7547451	84	0		0	79
Benzene, propyl-					CAS #: 103-65-1		
3.543	2207531	20.0570225	40	90	NIST02.l	9109	79
Trimethylbenzene isomer					CAS #:		
3.895	500793	4.55006702	9.1	0		0	79
C9H10 Aromatic					CAS #:		
4.248	557351	5.06393933	10	0		0	79
Tetramethylbenzene isomer					CAS #:		
4.854	582910	4.31696737	8.6	0		0	80
2,3-dihydro-methyl-1H-Indene isomer					CAS #:		
5.101	1030661	7.63296515	15	0		0	80

Data File: z8523.d

Date: 06-MAR-2010 04:42

Client ID: GW-017338-030210-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-9 Operator: BNAMS 4



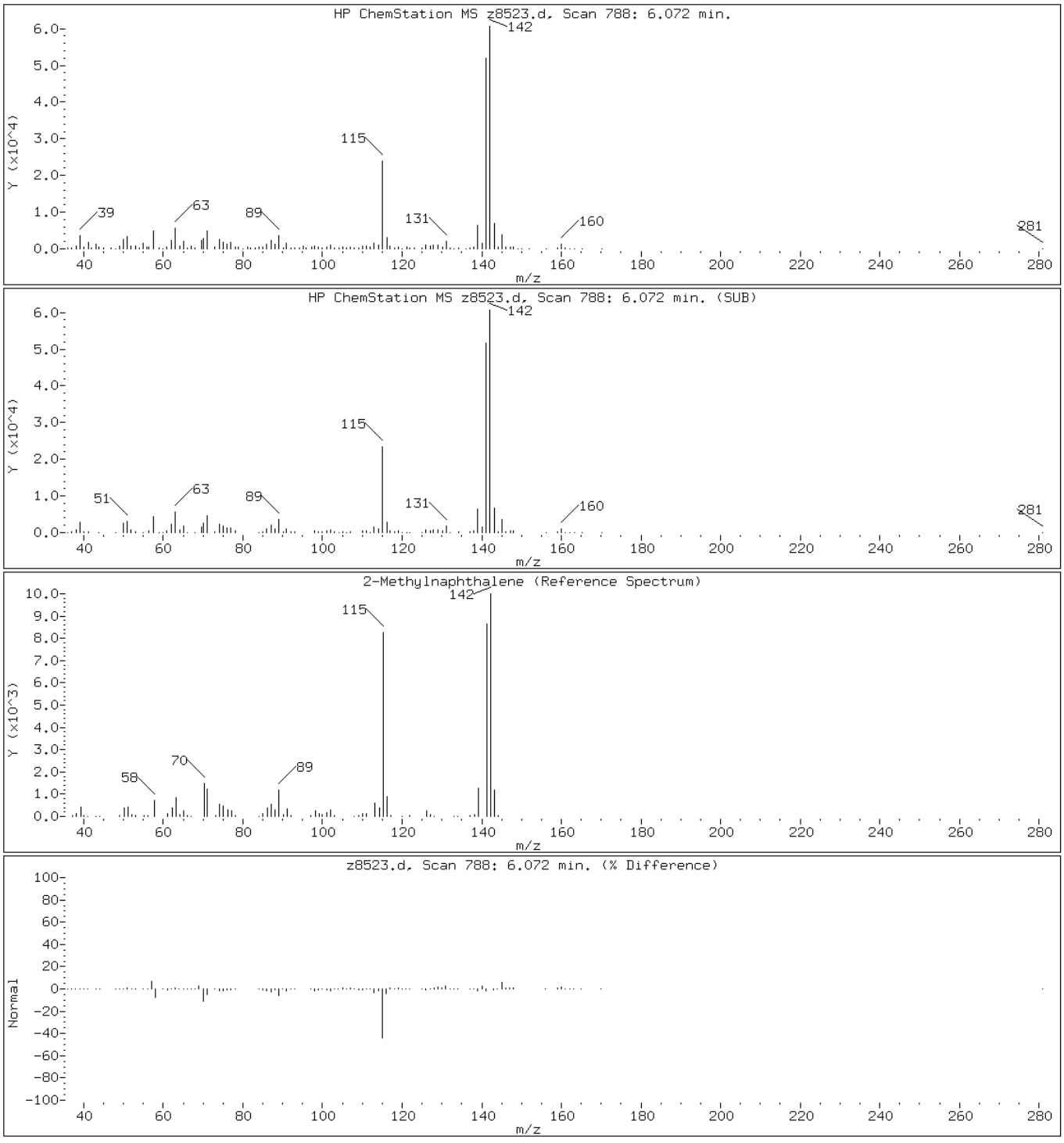
Data File: z8523.d

Date: 06-MAR-2010 04:42

Client ID: GW-017338-030210-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-9 Operator: BNAMS 4

34 2-Methylnaphthalene



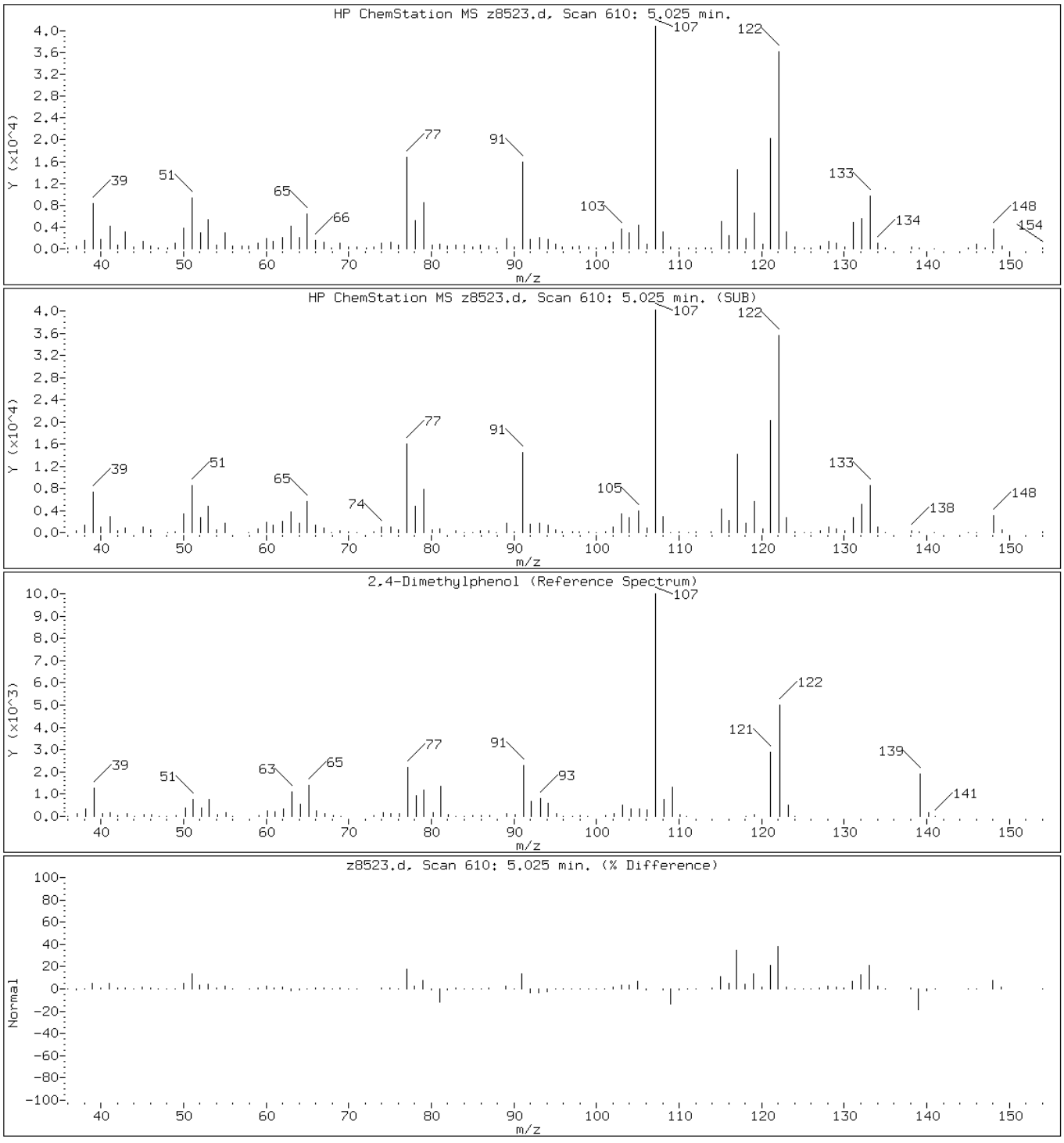
Data File: z8523.d

Date: 06-MAR-2010 04:42

Client ID: GW-017338-030210-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-9 Operator: BNAMS 4

6 2,4-Dimethylphenol



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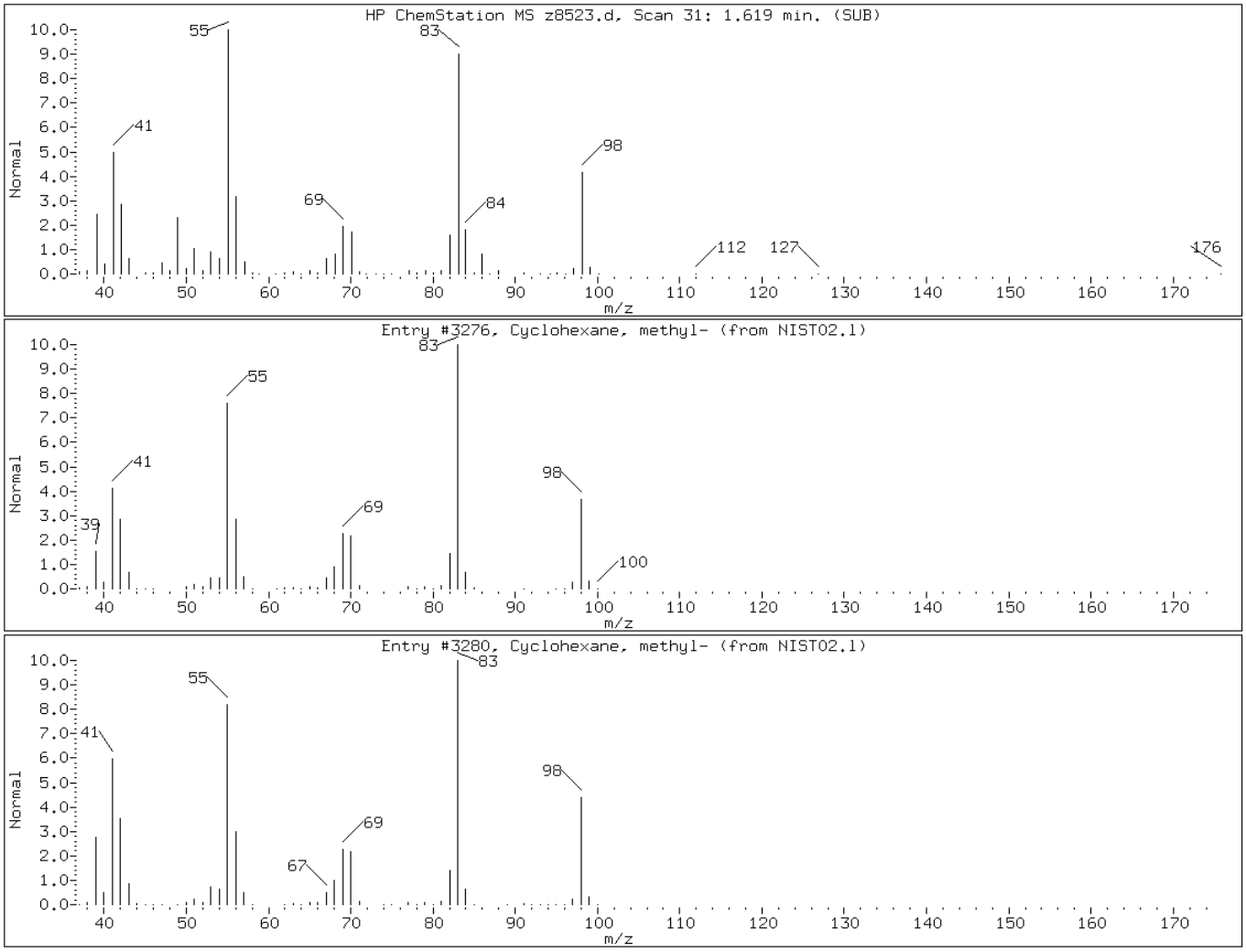
Date: 06-MAR-2010 04:42

Client ID: GW-017338-030210-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-9 Operator: BNAMS 4

Retention Time: 1.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, methyl-	108-87-2	NIST02.l	3276	90	C7H14	98
Cyclohexane, methyl-	108-87-2	NIST02.l	3280	90	C7H14	98



Data File: z8523.d

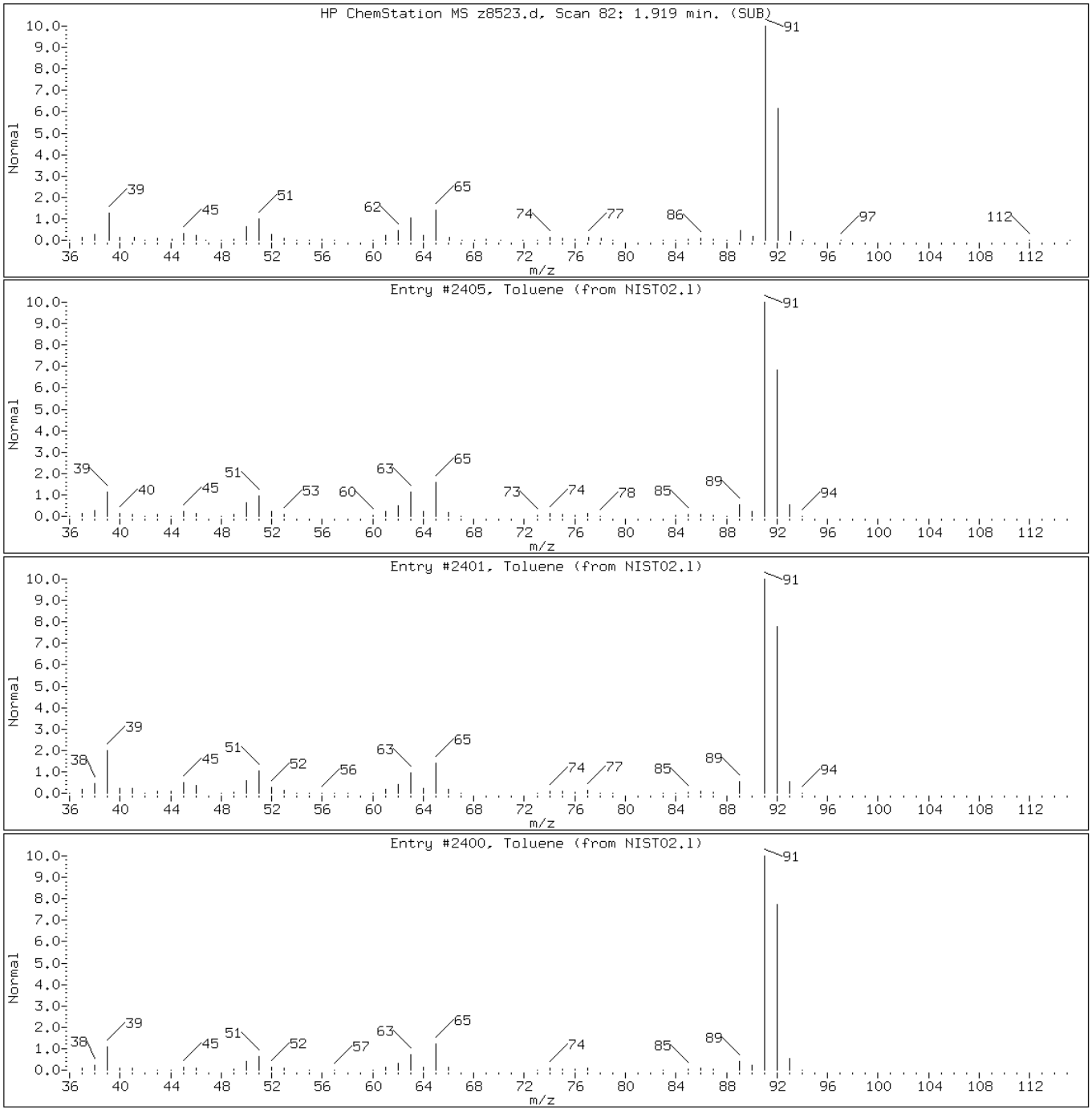
Date: 06-MAR-2010 04:42

Client ID: GW-017338-030210-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-9 Operator: BNAMS 4

Retention Time: 1.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Toluene	108-88-3	NIST02.l	2405	97	C7H8	92
Toluene	108-88-3	NIST02.l	2401	93	C7H8	92
Toluene	108-88-3	NIST02.l	2400	91	C7H8	92



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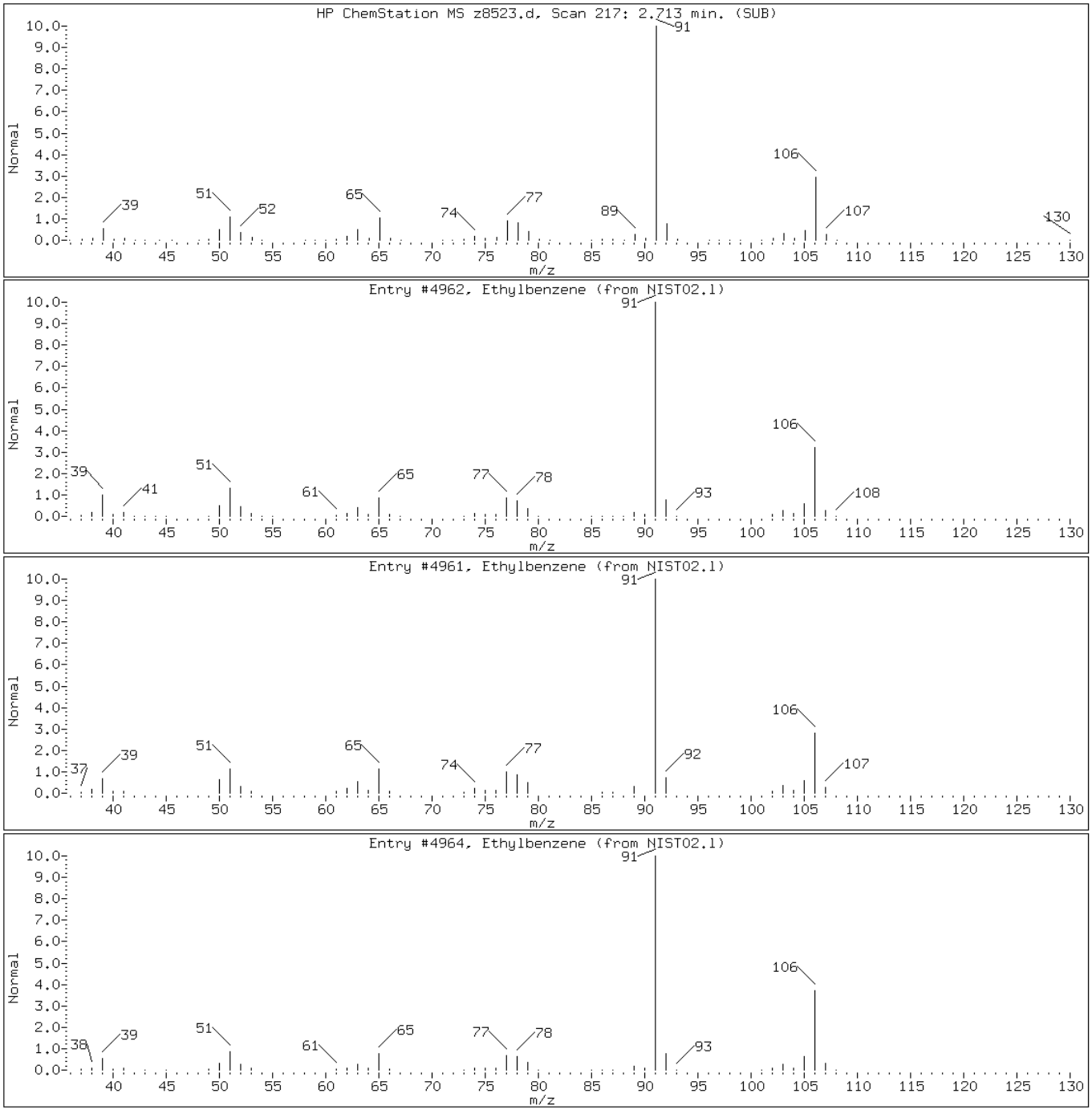
Date: 06-MAR-2010 04:42

Client ID: GW-017338-030210-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-9 Operator: BNAMS 4

Retention Time: 2.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylbenzene	100-41-4	NIST02.l	4962	95	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4961	95	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4964	94	C8H10	106



Data File: z8523.d

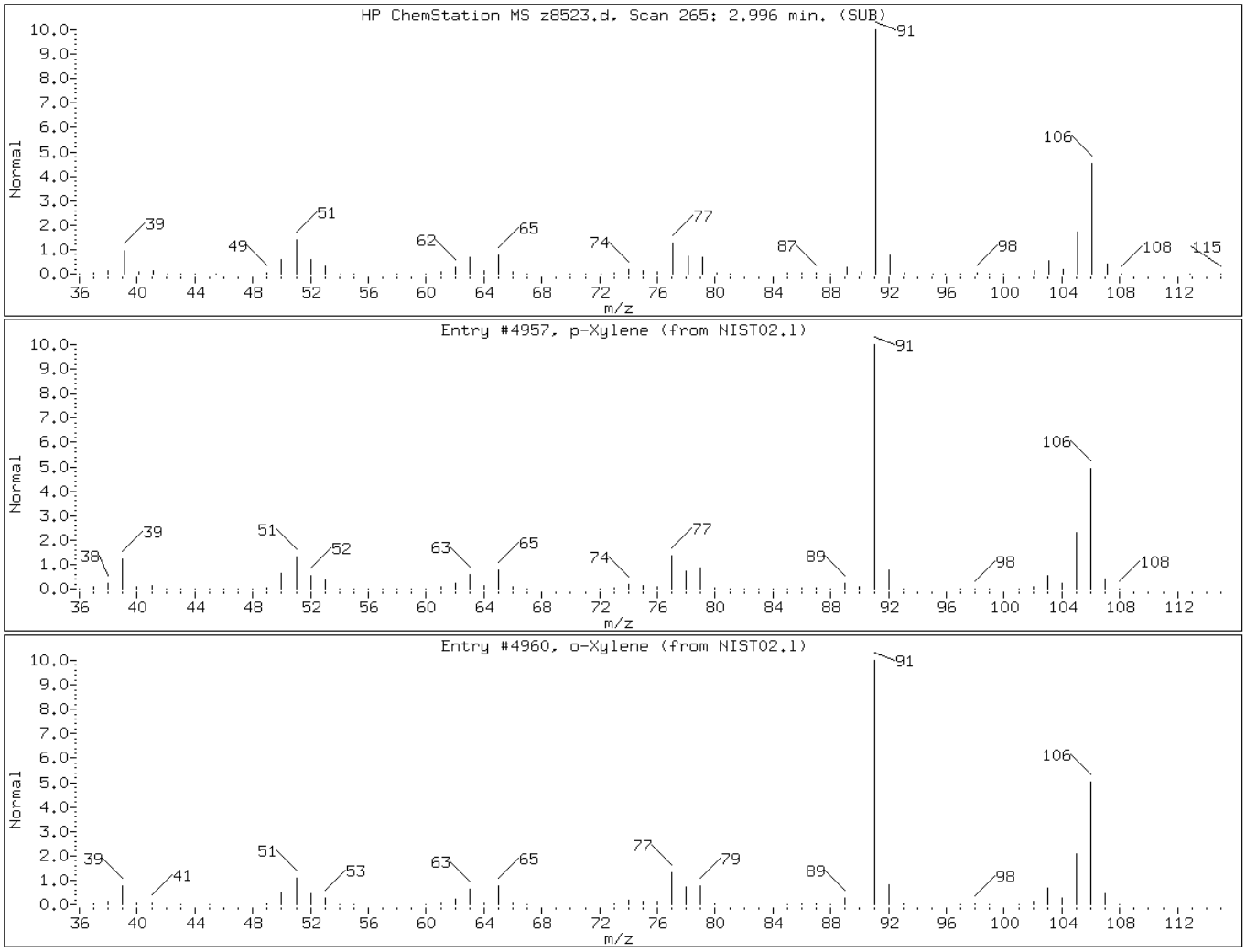
Date: 06-MAR-2010 04:42

Client ID: GW-017338-030210-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-9 Operator: BNAMS 4

Retention Time: 3.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Xylene isomer						
p-Xylene	106-42-3	NIST02.l	4957	97	C8H10	106
o-Xylene	95-47-6	NIST02.l	4960	97	C8H10	106



Data File: z8523.d

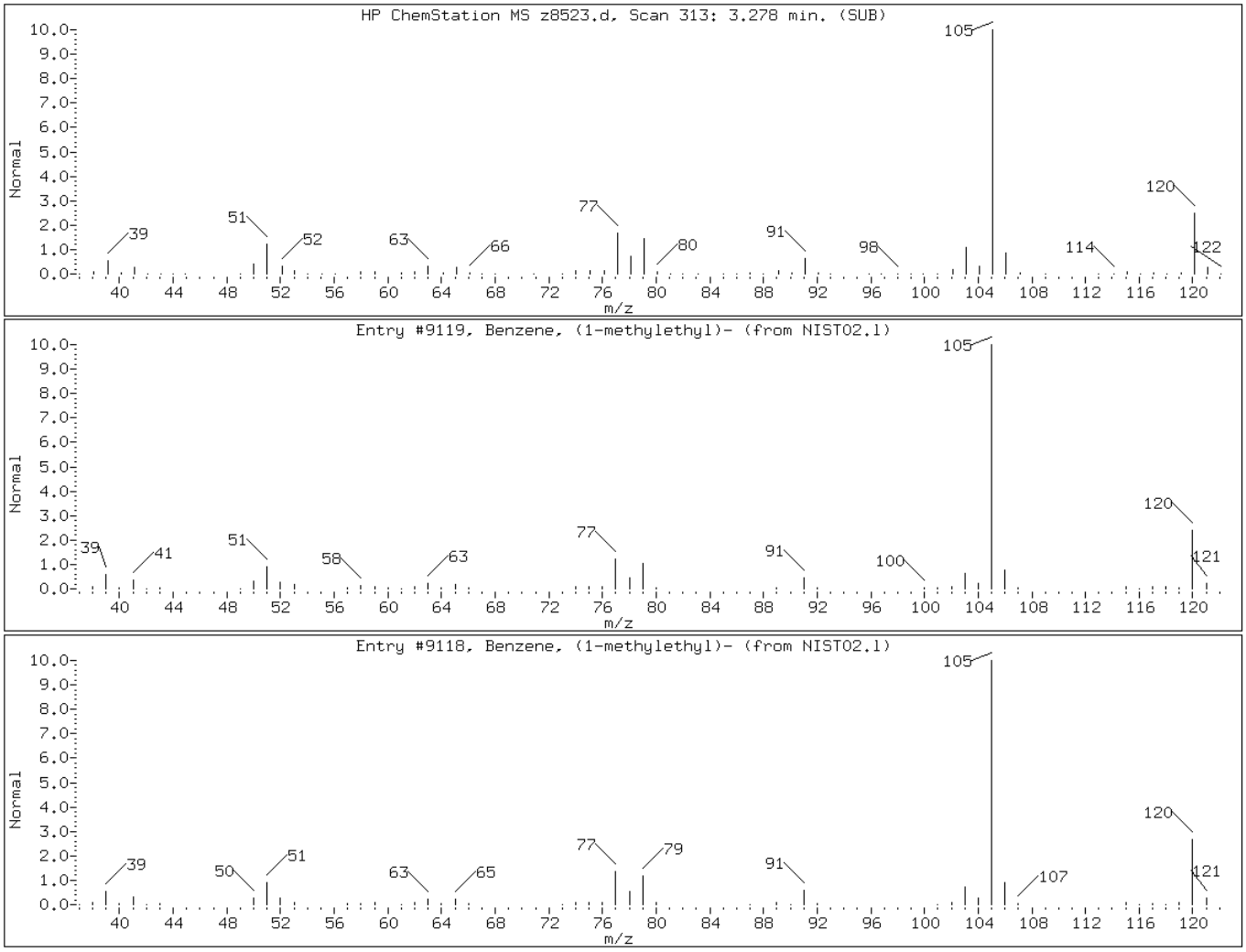
Date: 06-MAR-2010 04:42

Client ID: GW-017338-030210-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-9 Operator: BNAMS 4

Retention Time: 3.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9119	94	C9H12	120
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9118	94	C9H12	120



Data File: z8523.d

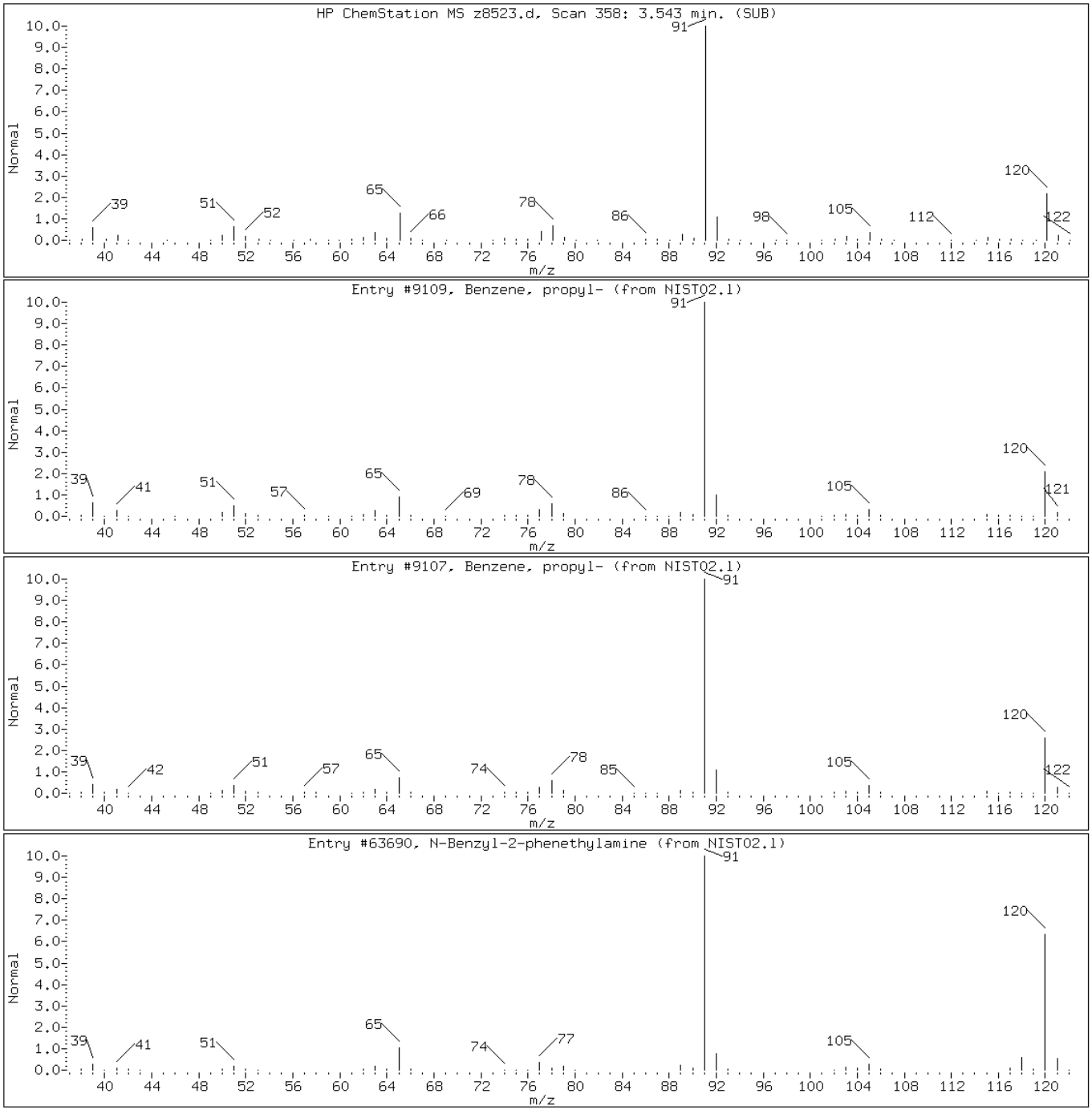
Date: 06-MAR-2010 04:42

Client ID: GW-017338-030210-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-9 Operator: BNAMS 4

Retention Time: 3.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, propyl-	103-65-1	NIST02.l	9109	90	C9H12	120
Benzene, propyl-	103-65-1	NIST02.l	9107	87	C9H12	120
N-Benzyl-2-phenethylamine	3647-71-0	NIST02.l	63690	72	C15H17N	211



Data File: z8523.d

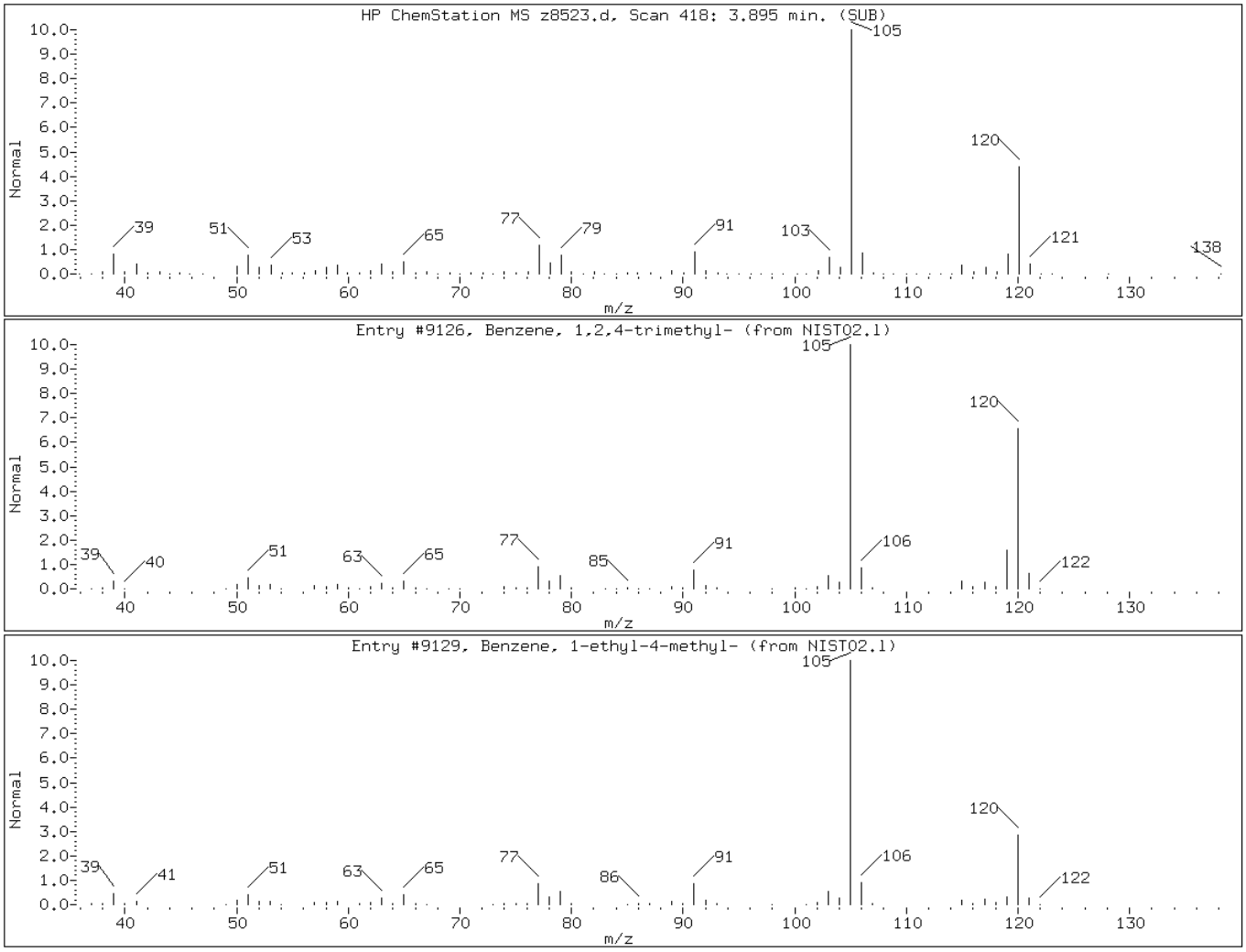
Date: 06-MAR-2010 04:42

Client ID: GW-017338-030210-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-9 Operator: BNAMS 4

Retention Time: 3.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.l	9126	95	C9H12	120
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.l	9129	95	C9H12	120



Data File: z8523.d

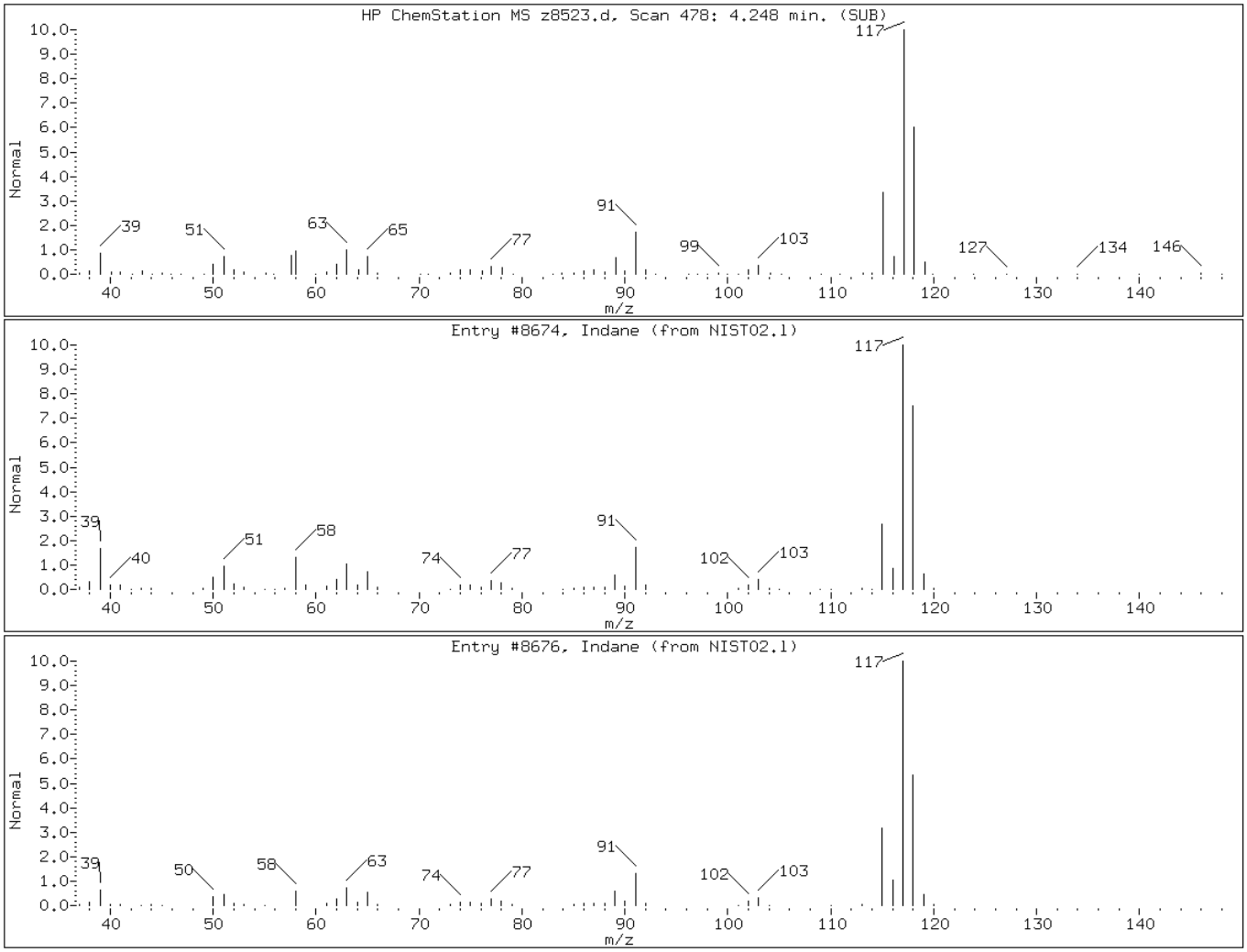
Date: 06-MAR-2010 04:42

Client ID: GW-017338-030210-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-9 Operator: BNAMS 4

Retention Time: 4.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C9H10 Aromatic						
Indane	496-11-7	NIST02.l	8674	96	C9H10	118
Indane	496-11-7	NIST02.l	8676	91	C9H10	118



Data File: z8523.d

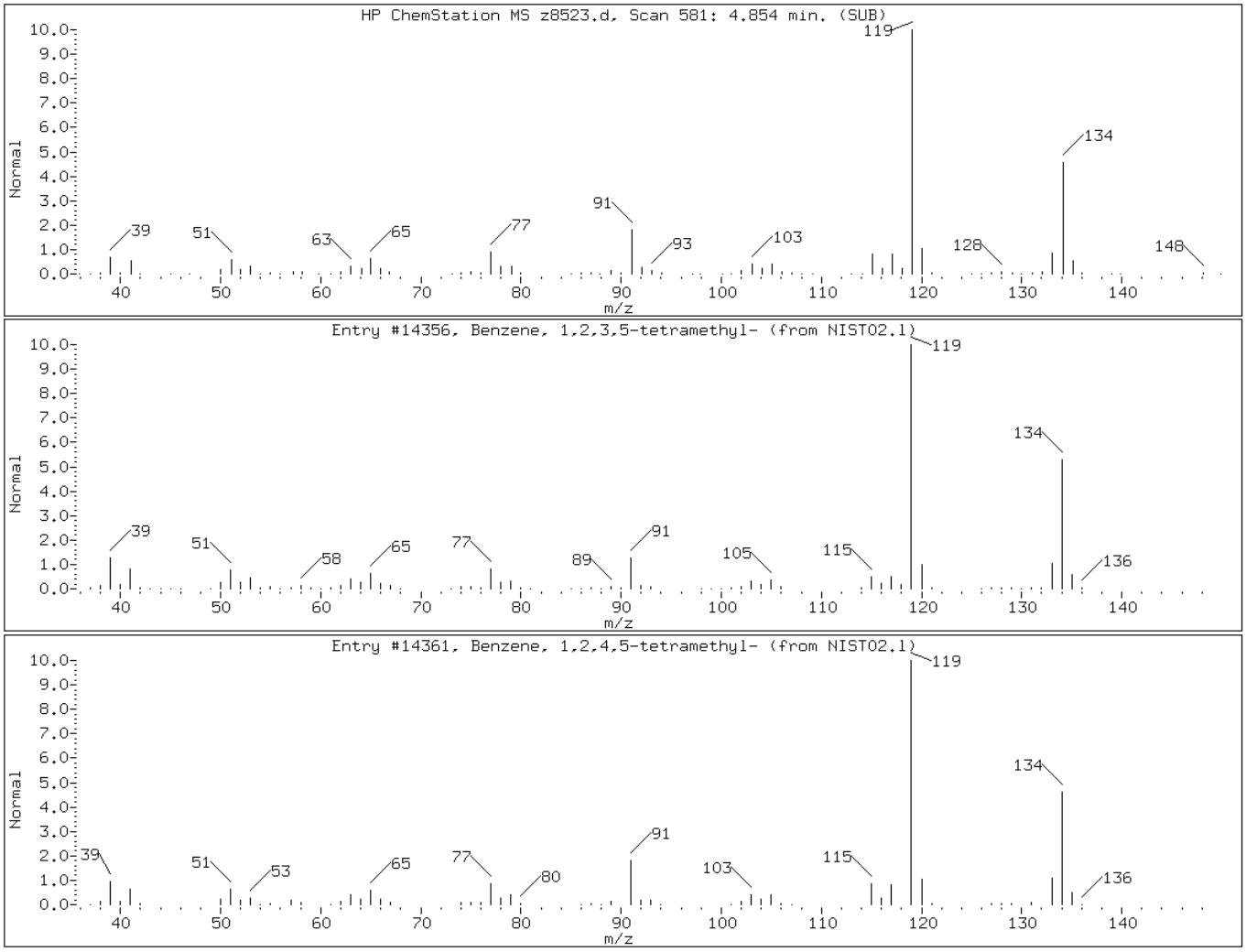
Date: 06-MAR-2010 04:42

Client ID: GW-017338-030210-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-9 Operator: BNAMS 4

Retention Time: 4.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14356	96	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	96	C10H14	134



Data File: z8523.d

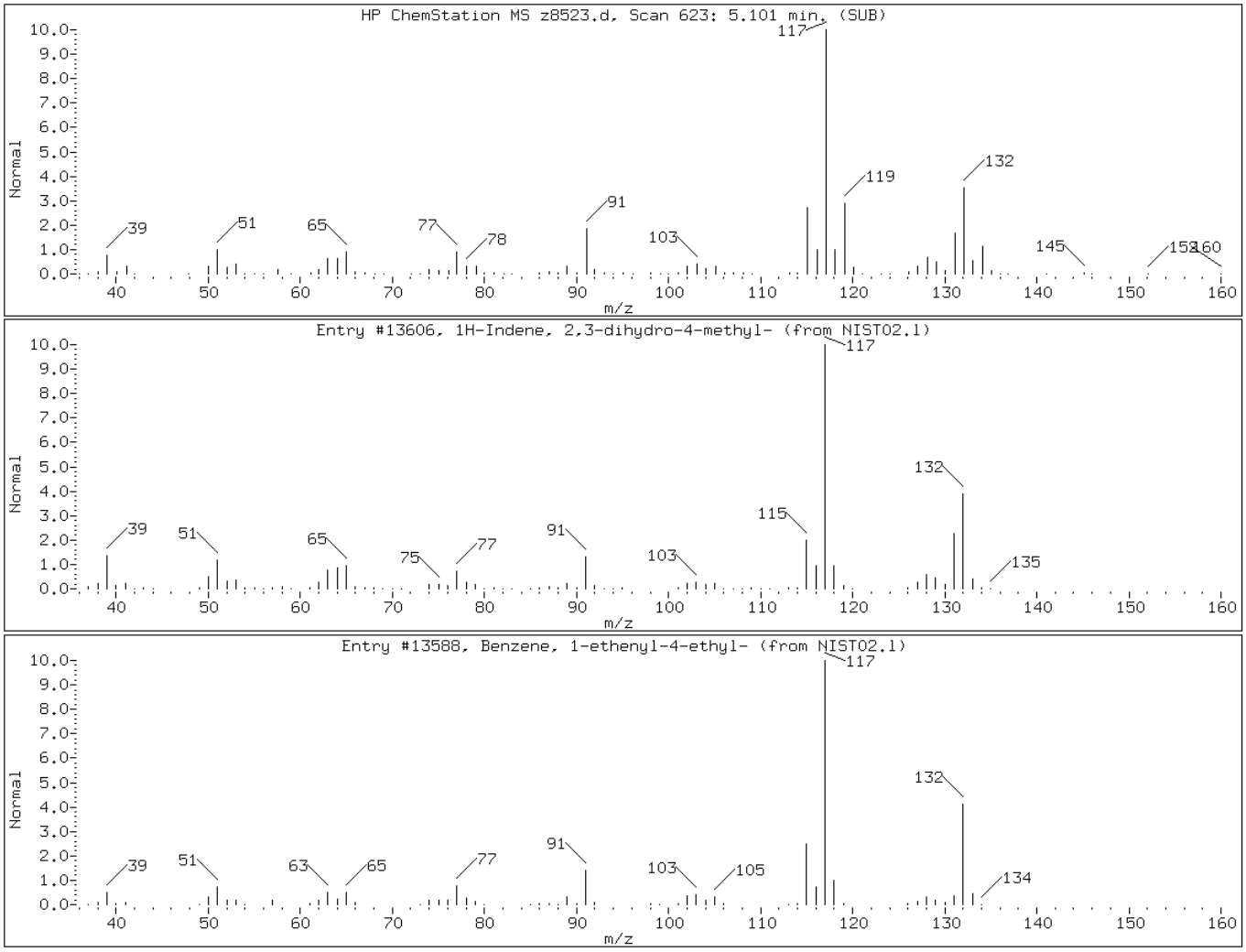
Date: 06-MAR-2010 04:42

Client ID: GW-017338-030210-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-9 Operator: BNAMS 4

Retention Time: 5.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.l	13606	93	C10H12	132
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	93	C10H12	132



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-010 | Lab Sample ID: 460-10889-10

Matrix: GW | Lab File ID: z8524.d

Analysis Method: 8270C | Date Collected: 03/02/2010 13:20

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 950(mL) | Date Analyzed: 03/06/2010 05:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	11	U	11	5.7
108-95-2	Phenol	11	U	11	0.94
88-06-2	2,4,6-Trichlorophenol	11	U	11	3.3
111-44-4	Bis(2-chloroethyl)ether	1.1	U	1.1	0.43
120-83-2	2,4-Dichlorophenol	11	U	11	2.9
95-57-8	2-Chlorophenol	11	U	11	2.8
121-14-2	2,4-Dinitrotoluene	2.1	U	2.1	0.45
108-60-1	2,2'-oxybis[1-chloropropane]	11	U	11	3.4
98-86-2	Acetophenone	11	U	11	4.5
91-57-6	2-Methylnaphthalene	11	U	11	3.3
106-44-5	4-Methylphenol	11	U	11	1.7
95-48-7	2-Methylphenol	11	U	11	1.7
88-74-4	2-Nitroaniline	21	U	21	6.0
67-72-1	Hexachloroethane	1.1	U	1.1	0.53
98-95-3	Nitrobenzene	1.1	U	1.1	0.43
59-50-7	4-Chloro-3-methylphenol	11	U	11	2.1
78-59-1	Isophorone	11	U	11	3.8
88-75-5	2-Nitrophenol	11	U	11	3.6
7005-72-3	4-Chlorophenyl phenyl ether	11	U	11	4.1
105-67-9	2,4-Dimethylphenol	11	U	11	2.6
100-01-6	4-Nitroaniline	21	U	21	4.2
100-02-7	4-Nitrophenol	32	U	32	2.4
111-91-1	Bis(2-chloroethoxy)methane	11	U	11	3.7
1912-24-9	Atrazine	11	U	11	5.0
91-20-3	Naphthalene	11	U	11	3.9
100-52-7	Benzaldehyde	11	U *	11	1.4
106-47-8	4-Chloroaniline	11	U	11	2.2
87-68-3	Hexachlorobutadiene	2.1	U	2.1	0.99
207-08-9	Benzo[k]fluoranthene	1.1	U	1.1	0.32
105-60-2	Caprolactam	0.63	J	11	0.53
86-74-8	Carbazole	11	U	11	3.2
77-47-4	Hexachlorocyclopentadiene	11	U	11	4.8
53-70-3	Dibenz(a,h)anthracene	1.1	U	1.1	0.17
95-95-4	2,4,5-Trichlorophenol	11	U	11	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-010 | Lab Sample ID: 460-10889-10

Matrix: GW | Lab File ID: z8524.d

Analysis Method: 8270C | Date Collected: 03/02/2010 13:20

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 950(mL) | Date Analyzed: 03/06/2010 05:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	11	U	11	3.4
91-58-7	2-Chloronaphthalene	11	U	11	3.9
206-44-0	Fluoranthene	11	U	11	2.8
86-73-7	Fluorene	11	U	11	3.4
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	0.62
208-96-8	Acenaphthylene	11	U	11	4.2
99-09-2	3-Nitroaniline	21	U	21	4.6
621-64-7	N-Nitrosodi-n-propylamine	1.1	U	1.1	0.34
83-32-9	Acenaphthene	11	U	11	4.0
51-28-5	2,4-Dinitrophenol	32	U	32	5.1
132-64-9	Dibenzofuran	11	U	11	3.8
84-66-2	Diethyl phthalate	11	U	11	4.0
534-52-1	4,6-Dinitro-2-methylphenol	32	U	32	5.5
86-30-6	N-Nitrosodiphenylamine	11	U	11	4.1
101-55-3	4-Bromophenyl phenyl ether	11	U	11	4.1
85-01-8	Phenanthrene	11	U	11	3.7
120-12-7	Anthracene	11	U	11	3.7
84-74-2	Di-n-butyl phthalate	11	U	11	2.9
129-00-0	Pyrene	11	U	11	4.5
85-68-7	Butyl benzyl phthalate	11	U	11	2.9
91-94-1	3,3'-Dichlorobenzidine	21	U	21	7.3
218-01-9	Chrysene	11	U	11	4.0
117-81-7	Bis(2-ethylhexyl) phthalate	11	U	11	2.5
117-84-0	Di-n-octyl phthalate	11	U	11	2.0
193-39-5	Indeno[1,2,3-cd]pyrene	1.1	U	1.1	0.13
191-24-2	Benzo[g,h,i]perylene	11	U	11	2.9

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-010 Lab Sample ID: 460-10889-10

Matrix: GW Lab File ID: z8524.d

Analysis Method: 8270C Date Collected: 03/02/2010 13:20

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 950(mL) Date Analyzed: 03/06/2010 05:06

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	77	50-119	
321-60-8	2-Fluorobiphenyl	70	61-112	
367-12-4	2-Fluorophenol (Surr)	34	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	79	61-120	
4165-62-2	Phenol-d5 (Surr)	29	9-48	
1718-51-0	Terphenyl-d14 (Surr)	74	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-010 Lab Sample ID: 460-10889-10

Matrix: GW Lab File ID: z8524.d

Analysis Method: 8270C Date Collected: 03/02/2010 13:20

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 950(mL) Date Analyzed: 03/06/2010 05:06

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8524.d
Report Date: 09-Mar-2010 16:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8524.d
Lab Smp Id: 460-10889-E-10-A Client Smp ID: GW-017338-030210-AC
Inj Date : 06-MAR-2010 05:06
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-E-10-A
Misc Info : 460-10889-E-10-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	950.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
106 1,4-Dioxane	88	1.490	1.490	(0.366)	3198	0.24622	0.52(a)
$ 16 2-Fluorophenol (SUR)	112	2.784	2.790	(0.685)	453953	17.2326	36
$ 17 Phenol-d5 (SUR)	99	3.696	3.707	(0.909)	435213	14.4437	30
* 79 1,4-Dichlorobenzene-d4	152	4.066	4.066	(1.000)	661404	40.0000	
23 1,2-Dichlorobenzene	146	4.237	4.237	(1.042)	4449	0.17622	0.37(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.625	4.631	(0.864)	1166719	39.5063	83
* 80 Naphthalene-d8	136	5.354	5.360	(1.000)	2379171	40.0000	
111 Caprolactam	113	5.748	5.801	(1.074)	1438	0.29726	0.62(a)
120 1-Methylnaphthalene	142	6.172	6.178	(1.153)	3571	0.10530	0.22(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.454	6.448	(0.907)	1416264	34.9607	74
* 82 Acenaphthene-d10	164	7.113	7.113	(1.000)	1089810	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.889	7.889	(1.109)	184721	38.6109	81
* 83 Phenanthrene-d10	188	8.572	8.572	(1.000)	1219041	40.0000	
$ 78 Terphenyl-d14	244	10.148	10.148	(0.899)	663477	37.2045	78
* 81 Chrysene-d12	240	11.283	11.283	(1.000)	578987	40.0000	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8524.d
Report Date: 09-Mar-2010 16:18

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 84 Perylene-d12	264	13.136	13.130	(1.000)	382041	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8524.d
Report Date: 09-Mar-2010 16:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8524.d
Lab Smp Id: 460-10889-E-10-A Client Smp ID: GW-017338-030210-AC
Inj Date : 06-MAR-2010 05:06
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-E-10-A
Misc Info : 460-10889-E-10-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

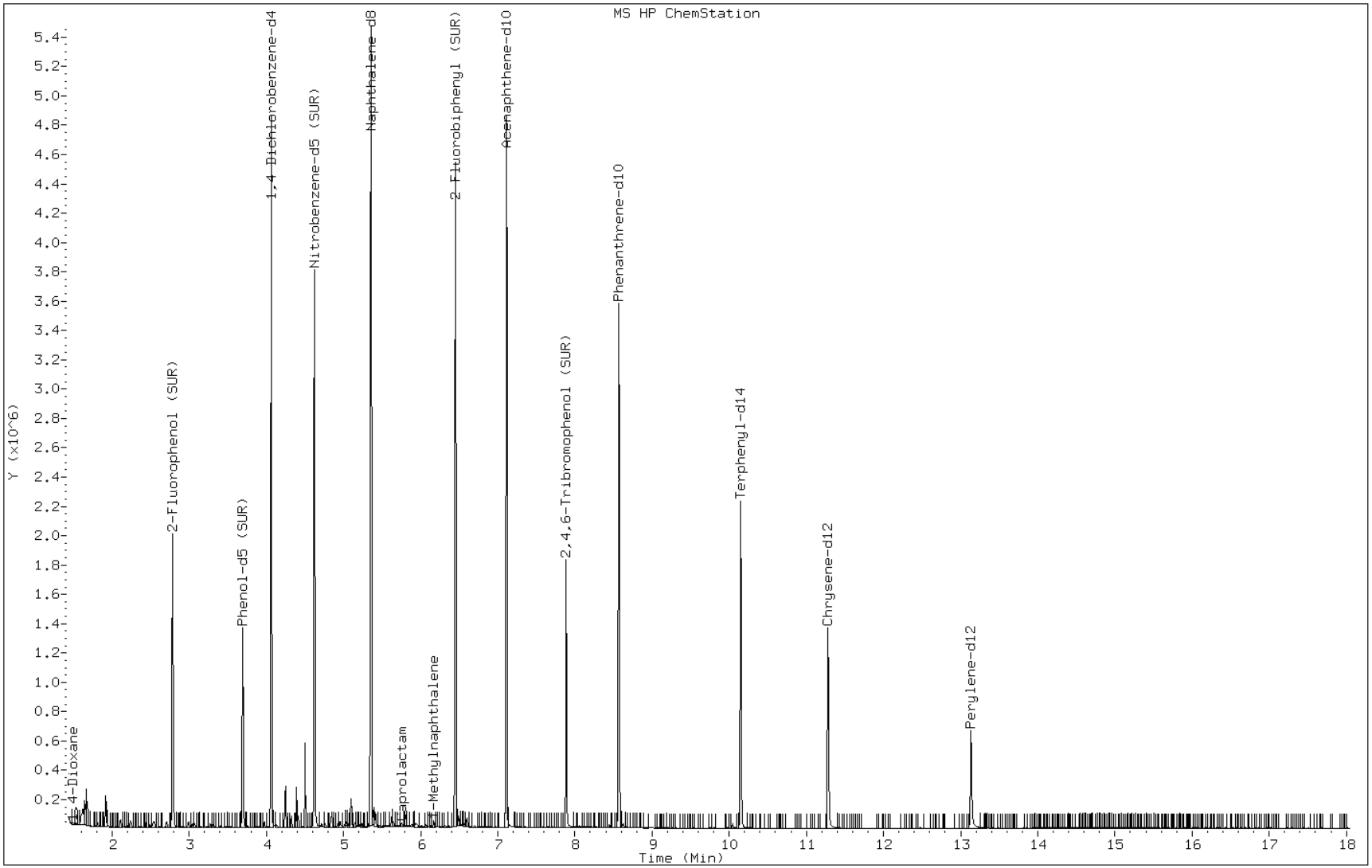
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z8524.d

Date: 06-MAR-2010 05:06

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-10-A Operator: BNAMS 4



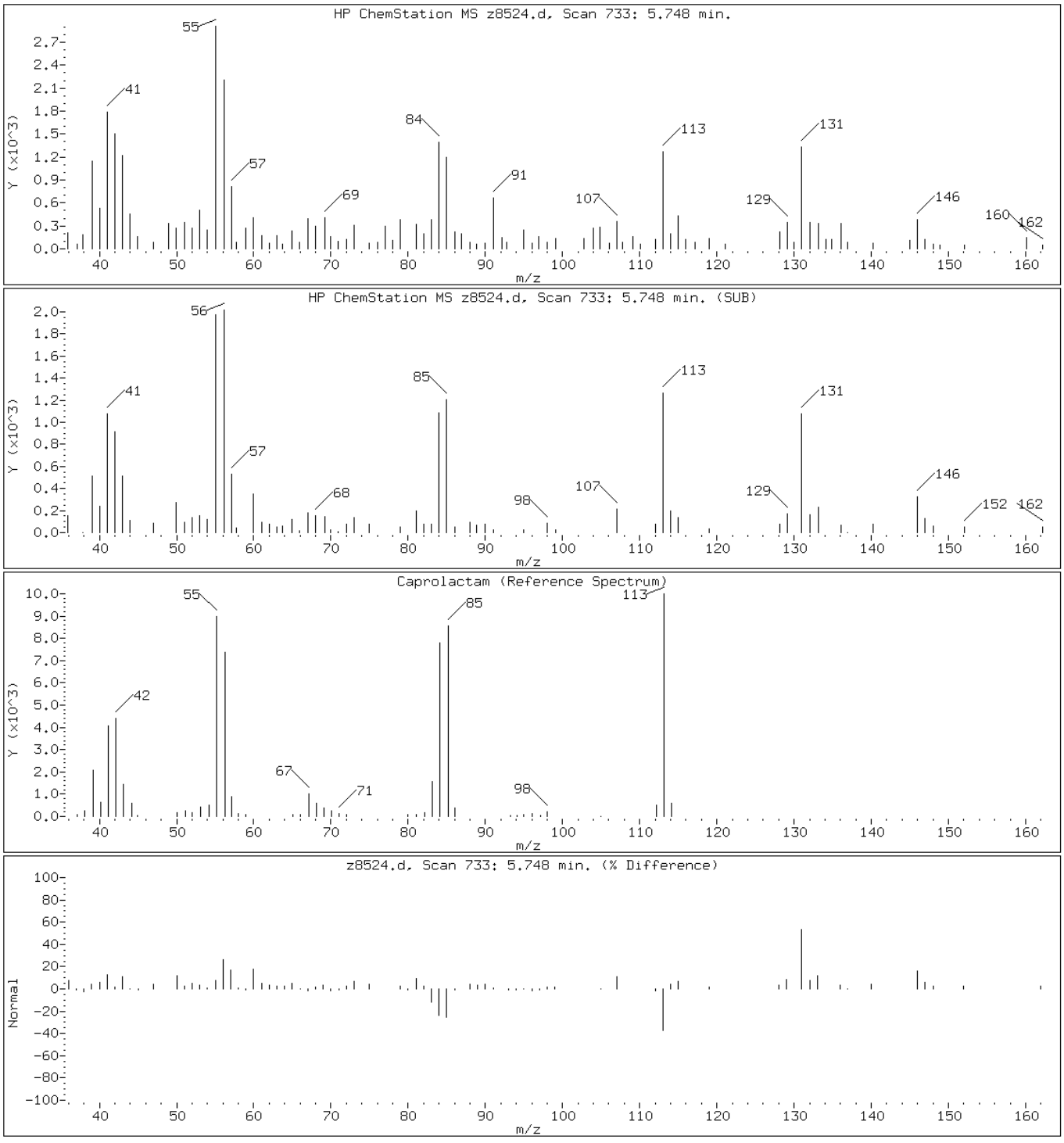
Data File: z8524.d

Date: 06-MAR-2010 05:06

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-10-A Operator: BNAMS 4

111 Caprolactam



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-011 | Lab Sample ID: 460-10889-11

Matrix: GW | Lab File ID: z8525.d

Analysis Method: 8270C | Date Collected: 03/02/2010 15:45

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 05:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	5.5
108-95-2	Phenol	10	U	10	0.91
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.42
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
95-57-8	2-Chlorophenol	10	U	10	2.7
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.3
98-86-2	Acetophenone	10	U	10	4.4
91-57-6	2-Methylnaphthalene	10	U	10	3.2
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.7
88-74-4	2-Nitroaniline	20	U	20	5.8
67-72-1	Hexachloroethane	1.0	U	1.0	0.51
98-95-3	Nitrobenzene	1.0	U	1.0	0.42
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
78-59-1	Isophorone	10	U	10	3.7
88-75-5	2-Nitrophenol	10	U	10	3.5
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
105-67-9	2,4-Dimethylphenol	10	U	10	2.6
100-01-6	4-Nitroaniline	20	U	20	4.1
100-02-7	4-Nitrophenol	31	U	31	2.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
1912-24-9	Atrazine	10	U	10	4.9
91-20-3	Naphthalene	10	U	10	3.7
100-52-7	Benzaldehyde	10	U *	10	1.4
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.96
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.31
105-60-2	Caprolactam	10	U	10	0.51
86-74-8	Carbazole	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.7
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-011 | Lab Sample ID: 460-10889-11

Matrix: GW | Lab File ID: z8525.d

Analysis Method: 8270C | Date Collected: 03/02/2010 15:45

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 05:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	10	U	10	3.3
91-58-7	2-Chloronaphthalene	10	U	10	3.8
206-44-0	Fluoranthene	10	U	10	2.7
86-73-7	Fluorene	10	U	10	3.3
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.60
208-96-8	Acenaphthylene	10	U	10	4.1
99-09-2	3-Nitroaniline	20	U	20	4.4
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.33
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	31	U	31	4.9
132-64-9	Dibenzofuran	10	U	10	3.7
84-66-2	Diethyl phthalate	10	U	10	3.9
534-52-1	4,6-Dinitro-2-methylphenol	31	U	31	5.3
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.4
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.1
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-011 Lab Sample ID: 460-10889-11

Matrix: GW Lab File ID: z8525.d

Analysis Method: 8270C Date Collected: 03/02/2010 15:45

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/06/2010 05:30

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	91	50-119	
321-60-8	2-Fluorobiphenyl	83	61-112	
367-12-4	2-Fluorophenol (Surr)	39	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	90	61-120	
4165-62-2	Phenol-d5 (Surr)	27	9-48	
1718-51-0	Terphenyl-d14 (Surr)	82	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-011 | Lab Sample ID: 460-10889-11

Matrix: GW | Lab File ID: z8525.d

Analysis Method: 8270C | Date Collected: 03/02/2010 15:45

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 05:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8525.d
Report Date: 09-Mar-2010 16:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8525.d
Lab Smp Id: 460-10889-F-11-A Client Smp ID: GW-017338-030210-RA
Inj Date : 06-MAR-2010 05:30
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-11-A
Misc Info : 460-10889-F-11-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.790	2.790	(0.686)	513251	19.4918	40
$ 17 Phenol-d5 (SUR)	99	3.695	3.707	(0.909)	406177	13.4857	28
* 79 1,4-Dichlorobenzene-d4	152	4.066	4.066	(1.000)	661127	40.0000	
22 1,4-Dichlorobenzene	146	4.078	4.084	(1.003)	3835	0.14296	0.29(a)
23 1,2-Dichlorobenzene	146	4.237	4.237	(1.042)	7651	0.30317	0.62(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.625	4.631	(0.864)	1369518	44.7747	91
* 80 Naphthalene-d8	136	5.354	5.360	(1.000)	2464111	40.0000	
111 Caprolactam	113	5.754	5.801	(1.075)	664	0.13253	0.27(a)
120 1-Methylnaphthalene	142	6.172	6.178	(1.153)	1143	0.03254	0.066(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.454	6.448	(0.907)	1644400	41.5287	85
* 82 Acenaphthene-d10	164	7.113	7.113	(1.000)	1065235	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.889	7.889	(1.109)	212214	45.3808	93
* 83 Phenanthrene-d10	188	8.572	8.572	(1.000)	1263972	40.0000	
$ 78 Terphenyl-d14	244	10.148	10.148	(0.899)	780139	40.7513	83
* 81 Chrysene-d12	240	11.289	11.283	(1.000)	621540	40.0000	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8525.d
Report Date: 09-Mar-2010 16:18

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 84 Perylene-d12	264	13.142	13.130	(1.000)	388618	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8525.d
Report Date: 09-Mar-2010 16:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8525.d
Lab Smp Id: 460-10889-F-11-A Client Smp ID: GW-017338-030210-RA
Inj Date : 06-MAR-2010 05:30
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-11-A
Misc Info : 460-10889-F-11-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

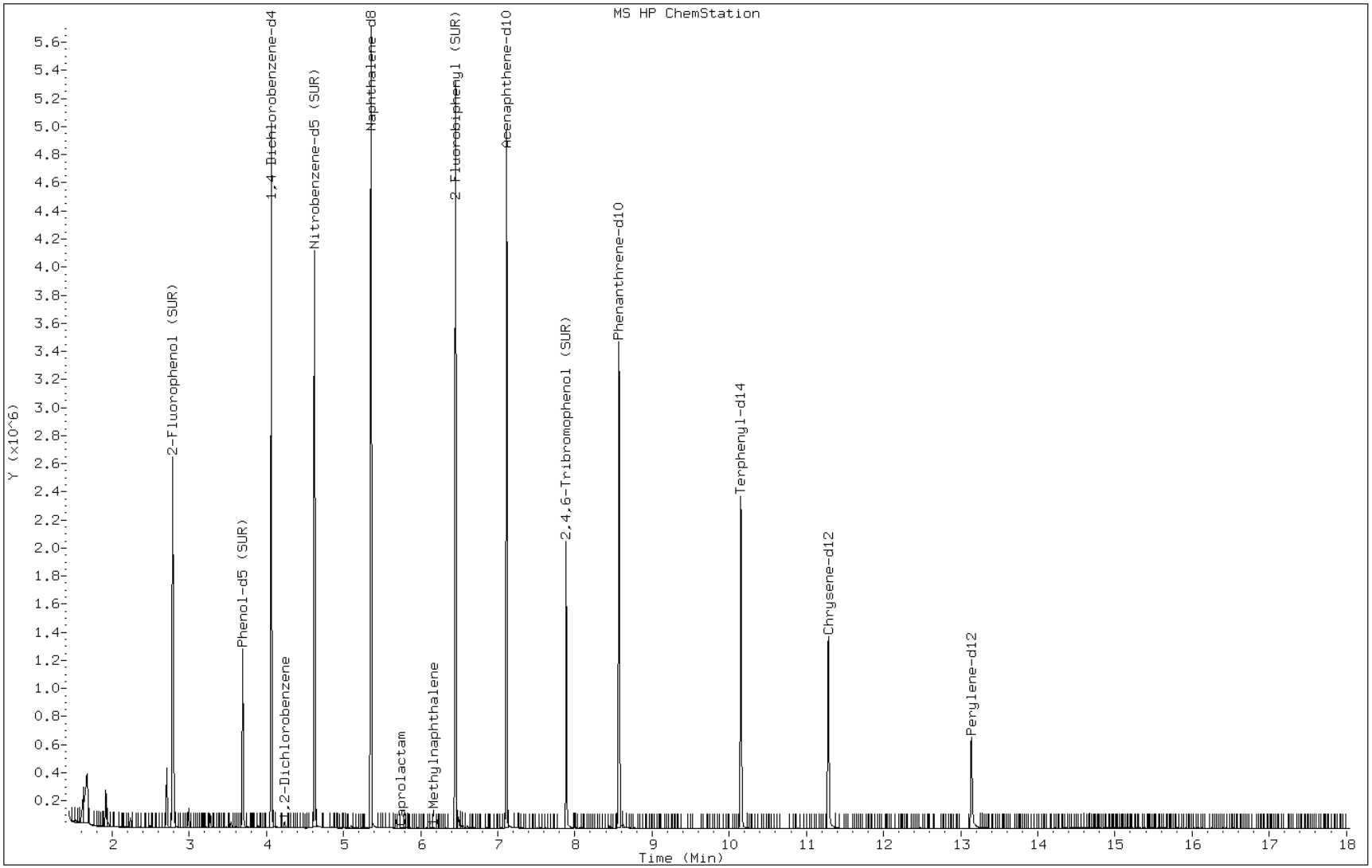
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z8525.d

Date: 06-MAR-2010 05:30

Client ID: GW-017338-030210-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-11-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-012 | Lab Sample ID: 460-10889-12

Matrix: GW | Lab File ID: z8526.d

Analysis Method: 8270C | Date Collected: 03/02/2010 14:35

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 05:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	5.5
108-95-2	Phenol	10	U	10	0.91
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.42
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
95-57-8	2-Chlorophenol	10	U	10	2.7
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.3
98-86-2	Acetophenone	11		10	4.4
91-57-6	2-Methylnaphthalene	10	U	10	3.2
106-44-5	4-Methylphenol	29		10	1.6
95-48-7	2-Methylphenol	10	U	10	1.7
88-74-4	2-Nitroaniline	20	U	20	5.8
67-72-1	Hexachloroethane	1.0	U	1.0	0.51
98-95-3	Nitrobenzene	1.0	U	1.0	0.42
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
78-59-1	Isophorone	10	U	10	3.7
88-75-5	2-Nitrophenol	10	U	10	3.5
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
105-67-9	2,4-Dimethylphenol	10	U	10	2.6
100-01-6	4-Nitroaniline	20	U	20	4.1
100-02-7	4-Nitrophenol	31	U	31	2.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
1912-24-9	Atrazine	10	U	10	4.9
91-20-3	Naphthalene	29		10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.96
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.31
105-60-2	Caprolactam	10	U	10	0.51
86-74-8	Carbazole	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.7
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6
131-11-3	Dimethyl phthalate	10	U	10	3.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-012 | Lab Sample ID: 460-10889-12

Matrix: GW | Lab File ID: z8526.d

Analysis Method: 8270C | Date Collected: 03/02/2010 14:35

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 05:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-58-7	2-Chloronaphthalene	10	U	10	3.8
206-44-0	Fluoranthene	10	U	10	2.7
86-73-7	Fluorene	10	U	10	3.3
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.60
208-96-8	Acenaphthylene	10	U	10	4.1
99-09-2	3-Nitroaniline	20	U	20	4.4
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.33
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	31	U	31	4.9
132-64-9	Dibenzofuran	10	U	10	3.7
84-66-2	Diethyl phthalate	10	U	10	3.9
534-52-1	4,6-Dinitro-2-methylphenol	31	U	31	5.3
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.4
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.1
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.8

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	93	50-119	
321-60-8	2-Fluorobiphenyl	81	61-112	
367-12-4	2-Fluorophenol (Surr)	19	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	73	61-120	
4165-62-2	Phenol-d5 (Surr)	23	9-48	
1718-51-0	Terphenyl-d14 (Surr)	79	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-012 | Lab Sample ID: 460-10889-12

Matrix: GW | Lab File ID: z8526.d

Analysis Method: 8270C | Date Collected: 03/02/2010 14:35

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 05:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

Number TICs Found: 20 | TIC Result Total: 4525

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Cycloalkane	1.62	20	T J
75-09-2	Methylene Chloride	1.68	44	T J N
108-88-3	Toluene	1.95	1000	T J N
100-41-4	Ethylbenzene	2.72	460	T J N
	Xylene isomer-1	2.81	620	T J
	Xylene isomer-2	3.01	280	T J
	Ethylmethylbenzene isomer-1	3.28	270	T J
103-65-1	Benzene, propyl-	3.56	370	T J N
496-11-7	Indane	4.26	280	T J N
	Diethylbenzene isomer-1	4.33	130	T J
	Diethylbenzene isomer-2	4.40	79	T J
	Diethylbenzene isomer-3	4.42	20	T J
	Tetramethylbenzene isomer-1	4.85	82	T J
	C10H12 Aromatic	5.04	82	T J
	C10H12 Aromatic-2	5.11	200	T J
65051-83-4	Benzene, (1-methyl-2-cyclopropen-1-yl)-	5.15	26	T J N
	Dimethyl benzoic acid isomer	6.27	22	T J
766-90-5	cis-.beta.-Methylstyrene	6.61	18	T J N
80-05-7	Phenol, 4,4''-(1-methylethylidene)bis-	10.06	440	T J N
	Unknown	13.21	82	T J

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8526.d
Report Date: 07-Mar-2010 17:03

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8526.d
Lab Smp Id: 460-10889-E-12-A Client Smp ID: GW-017338-030210-AC
Inj Date : 06-MAR-2010 05:54
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-E-12-A
Misc Info : 460-10889-E-12-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.801	2.790	(0.689)	214358	9.51652	19
110 Benzaldehyde	77	3.625	3.619	(0.892)	52696	10.6664	22
$ 17 Phenol-d5 (SUR)	99	3.695	3.707	(0.909)	292198	11.3410	23
* 79 1,4-Dichlorobenzene-d4	152	4.066	4.066	(1.000)	565548	40.0000	
74 Benzyl Alcohol	108	4.207	4.213	(1.035)	10236	0.70358	1.4(a)
4 4-Methylphenol	108	4.489	4.496	(1.104)	193499	13.9737	28
121 3 & 4 Methylphenol	108	4.489	4.496	(1.104)	193499	13.9737	28
104 Acetophenone	105	4.472	4.484	(1.100)	126529	5.42593	11
$ 76 Nitrobenzene-d5 (SUR)	82	4.631	4.631	(0.864)	871256	36.6376	75
* 80 Naphthalene-d8	136	5.360	5.360	(1.000)	1915772	40.0000	
31 Naphthalene	128	5.378	5.378	(1.003)	704404	14.2287	29
34 2-Methylnaphthalene	142	6.072	6.078	(1.133)	37550	1.36818	2.8(a)
120 1-Methylnaphthalene	142	6.172	6.178	(1.151)	27132	0.99353	2.0(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.454	6.448	(0.907)	1274634	40.3456	82
* 82 Acenaphthene-d10	164	7.113	7.113	(1.000)	849915	40.0000	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8526.d
Report Date: 07-Mar-2010 17:03

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	42 Acenaphthene	154	7.142	7.142	(1.004)	13262	0.62172	1.3(a)
	43 Dibenzofuran	168	7.313	7.319	(1.028)	5422	0.18160	0.37(a)
	47 Fluorene	166	7.654	7.654	(1.076)	3585	0.16449	0.34(a)
$	18 2,4,6-Tribromophenol (SUR)	330	7.889	7.889	(1.109)	172665	46.2778	94
*	83 Phenanthrene-d10	188	8.572	8.572	(1.000)	968006	40.0000	
	52 Phenanthrene	178	8.595	8.595	(1.003)	6668	0.24091	0.49(a)
	54 Carbazole	167	8.807	8.807	(1.027)	6658	0.30889	0.63(a)
	56 Fluoranthene	202	9.760	9.760	(1.139)	11837	0.51275	1.0(a)
	57 Pyrene	202	9.983	9.983	(0.884)	6181	0.27732	0.56(a)
$	78 Terphenyl-d14	244	10.154	10.148	(0.899)	627570	39.7066	81
*	81 Chrysene-d12	240	11.289	11.283	(1.000)	513142	40.0000	
*	84 Perylene-d12	264	13.142	13.130	(1.000)	369190	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8526.d
Report Date: 07-Mar-2010 17:03

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8526.d
Lab Smp Id: 460-10889-E-12-A Client Smp ID: GW-017338-030210-AC
Inj Date : 06-MAR-2010 05:54
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-E-12-A
Misc Info : 460-10889-E-12-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

ISTD		RT	AREA	AMOUNT
* 79	1,4-Dichlorobenzene-d4	4.066	4057516	40.000
* 80	Naphthalene-d8	5.360	5271841	40.000
* 82	Acenaphthene-d10	7.113	3796479	40.000
* 81	Chrysene-d12	11.289	1383101	40.000
* 84	Perylene-d12	13.142	946863	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8526.d
Report Date: 07-Mar-2010 17:03

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Cycloalkane					CAS #:		
1.619	970916	9.57152859	20	0		0	79
Methylene Chloride					CAS #: 75-09-2		
1.684	2203095	21.7186541	44	91	NIST02.l	1500	79
Toluene					CAS #: 108-88-3		
1.948	50083581	493.736305	1000	97	NIST02.l	2405	79
Ethylbenzene					CAS #: 100-41-4		
2.725	22951331	226.259882	460	95	NIST02.l	4962	79
Xylene isomer-1					CAS #:		
2.813	30644060	302.096711	620	0		0	79
Xylene isomer-2					CAS #:		
3.007	14121920	139.217375	280	0		0	79
Ethylmethylbenzene isomer-1					CAS #:		
3.284	13311133	131.224437	270	0		0	79
Benzene, propyl-					CAS #: 103-65-1		
3.560	18562834	182.997002	370	90	NIST02.l	9107	79
Indane					CAS #: 496-11-7		
4.260	14122946	139.227492	280	91	NIST02.l	8676	79
Diethylbenzene isomer-1					CAS #:		
4.331	6621137	65.2728024	130	0		0	79
Diethylbenzene isomer-2					CAS #:		
4.395	3934154	38.7838587	79	0		0	79
Diethylbenzene isomer-3					CAS #:		
4.419	1015667	10.0126969	20	0		0	79
Tetramethylbenzene isomer-1					CAS #:		
4.854	5288728	40.1281285	82	0		0	80
C10H12 Aromatic					CAS #:		
5.036	5323266	40.3901849	82	0		0	80
C10H12 Aromatic-2					CAS #:		
5.107	13129122	99.6169664	200	0		0	80

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8526.d
Report Date: 07-Mar-2010 17:03

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Benzene, (1-methyl-2-cyclopropen-1-yl)-					CAS #: 65051-83-4		
5.148	1679514	12.7432828	26	91	NIST02.l	12694	80
Dimethyl benzoic acid isomer					CAS #:		
6.272	1023175	10.7802464	22	0		0	82
cis-.beta.-Methylstyrene					CAS #: 766-90-5		
6.607	836763	8.81619404	18	95	NIST02.l	8693	82(L)
Phenol, 4,4'-(1-methylethylidene)bis-					CAS #: 80-05-7		
10.060	7470895	216.062151	440	98	NIST02.l	75157	81
Unknown					CAS #:		
13.212	951907	40.2130448	82	0		0	84

QC Flag Legend

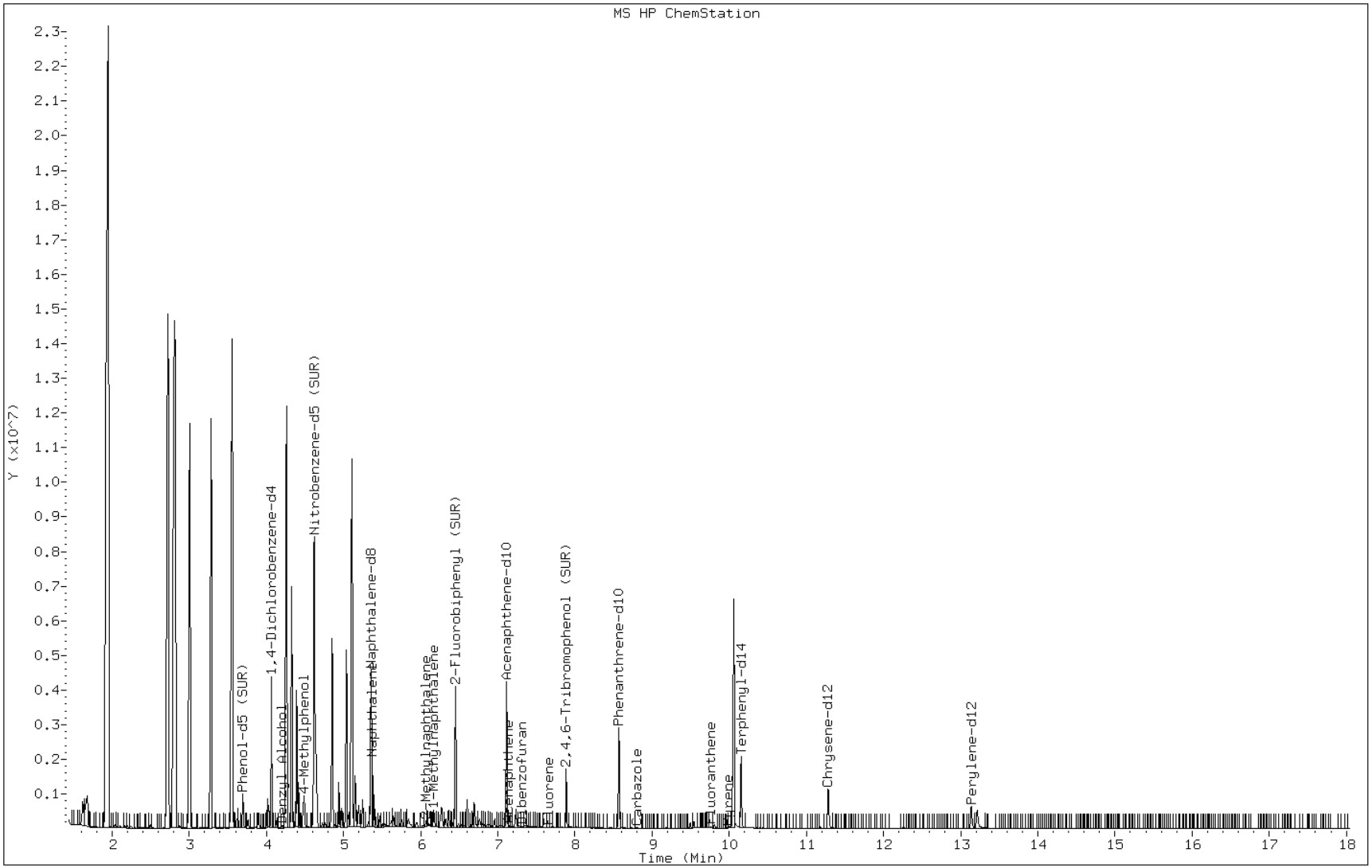
L - Operator selected an alternate library search match.

Data File: z8526.d

Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4



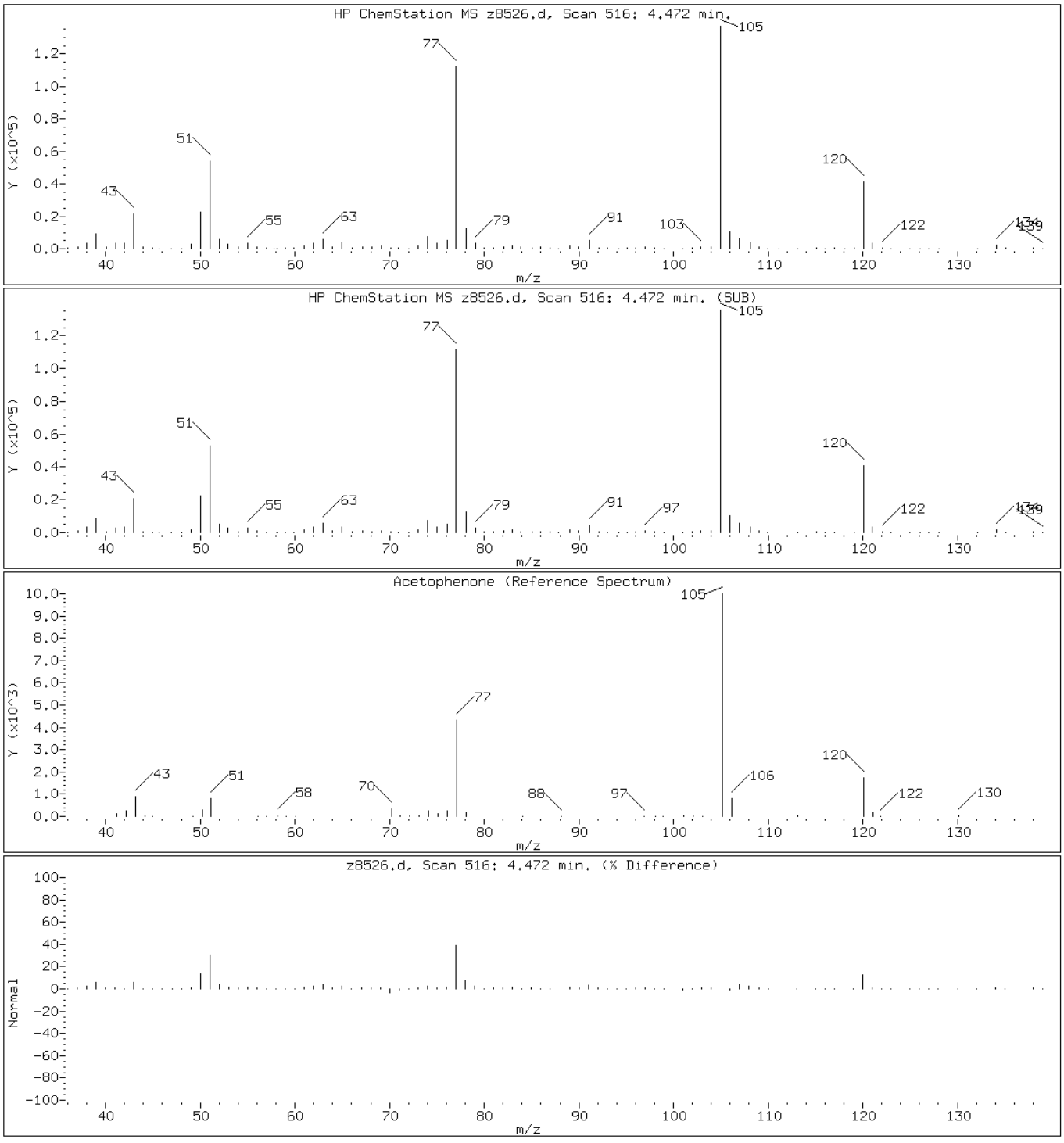
Data File: z8526.d

Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

104 Acetophenone



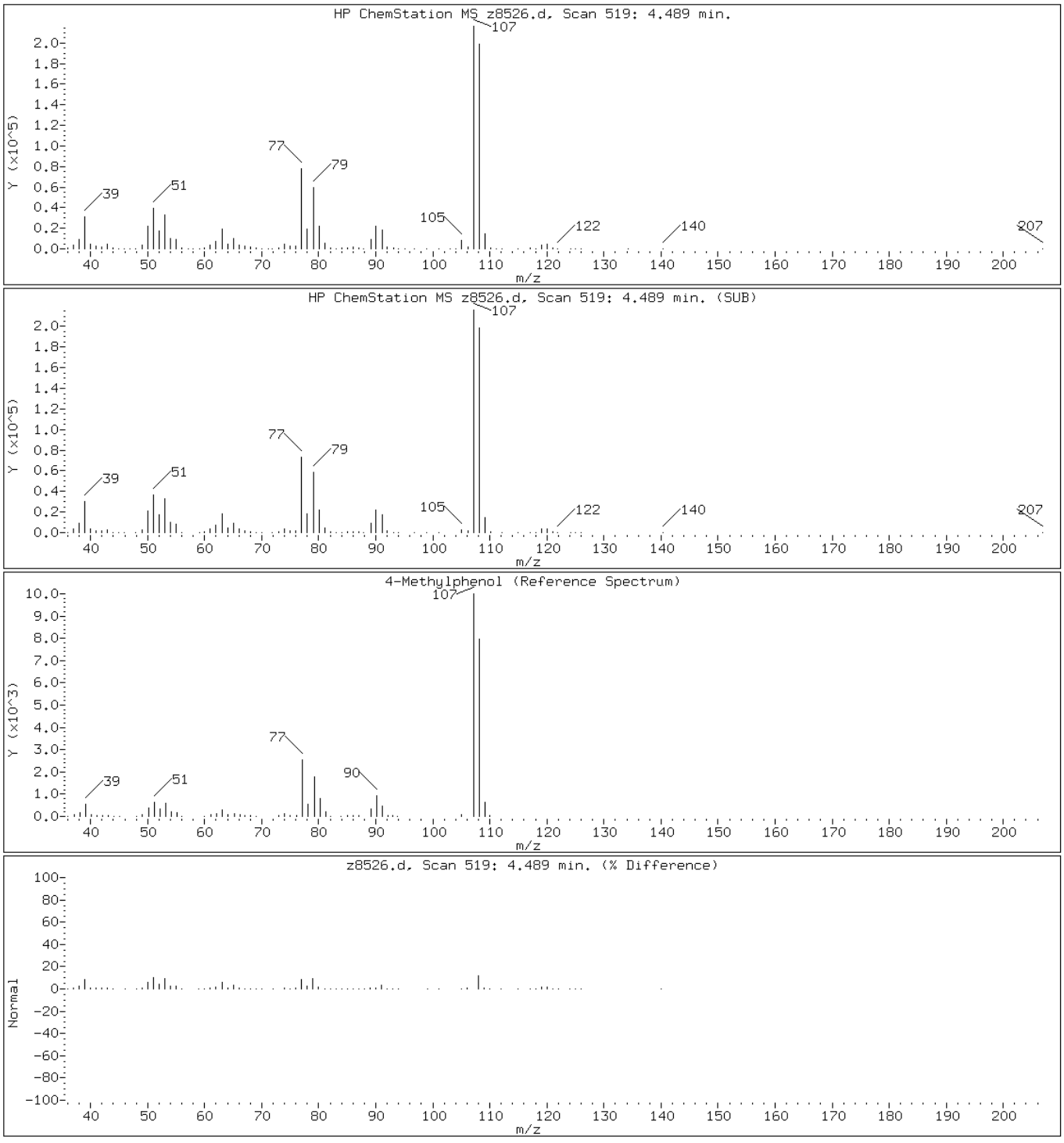
Data File: z8526.d

Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

4 4-Methylphenol



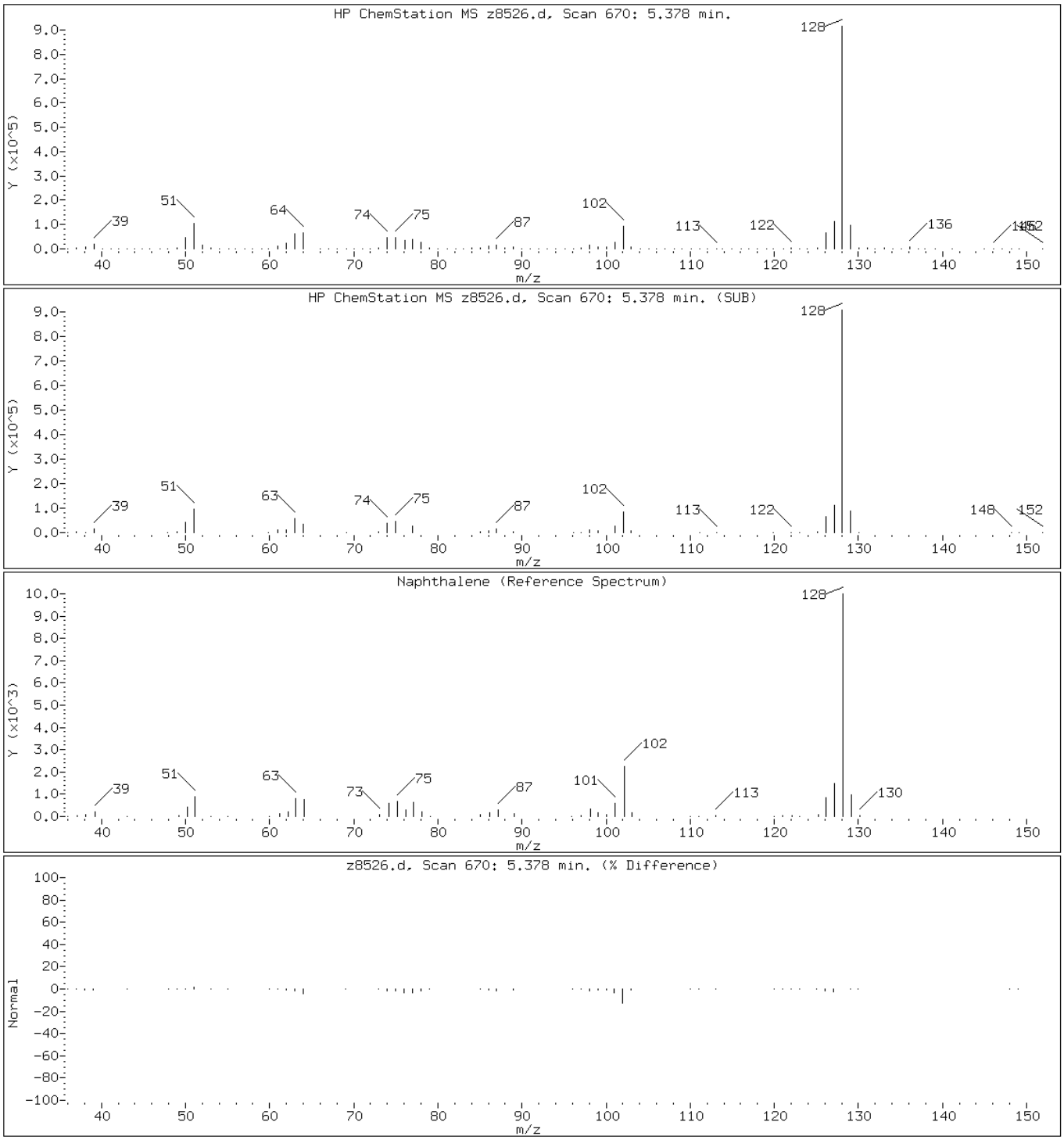
Data File: z8526.d

Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

31 Naphthalene



Data File: z8526.d

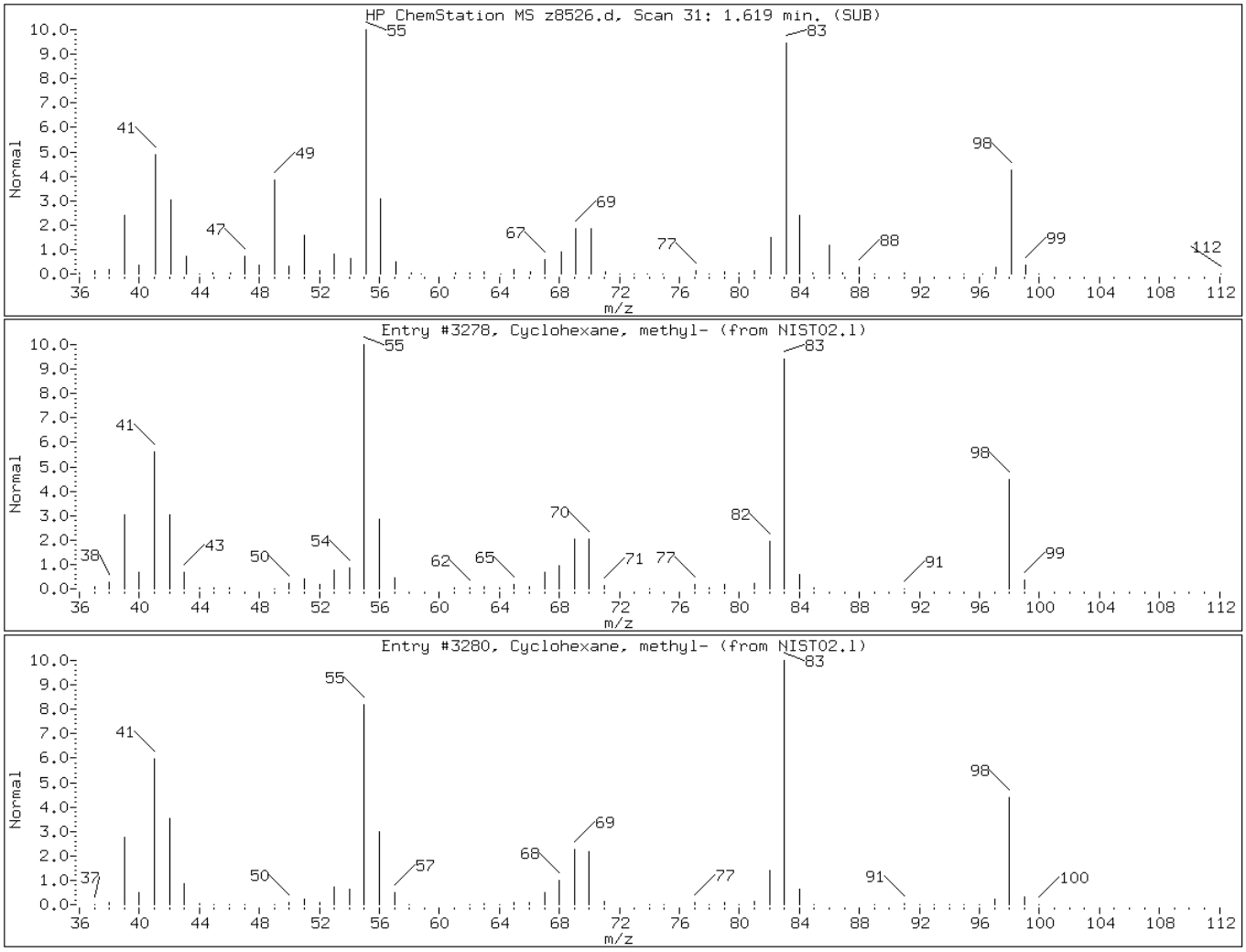
Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

Retention Time: 1.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, methyl-	108-87-2	NIST02.l	3278	89	C7H14	98
Cyclohexane, methyl-	108-87-2	NIST02.l	3280	89	C7H14	98



Data File: z8526.d

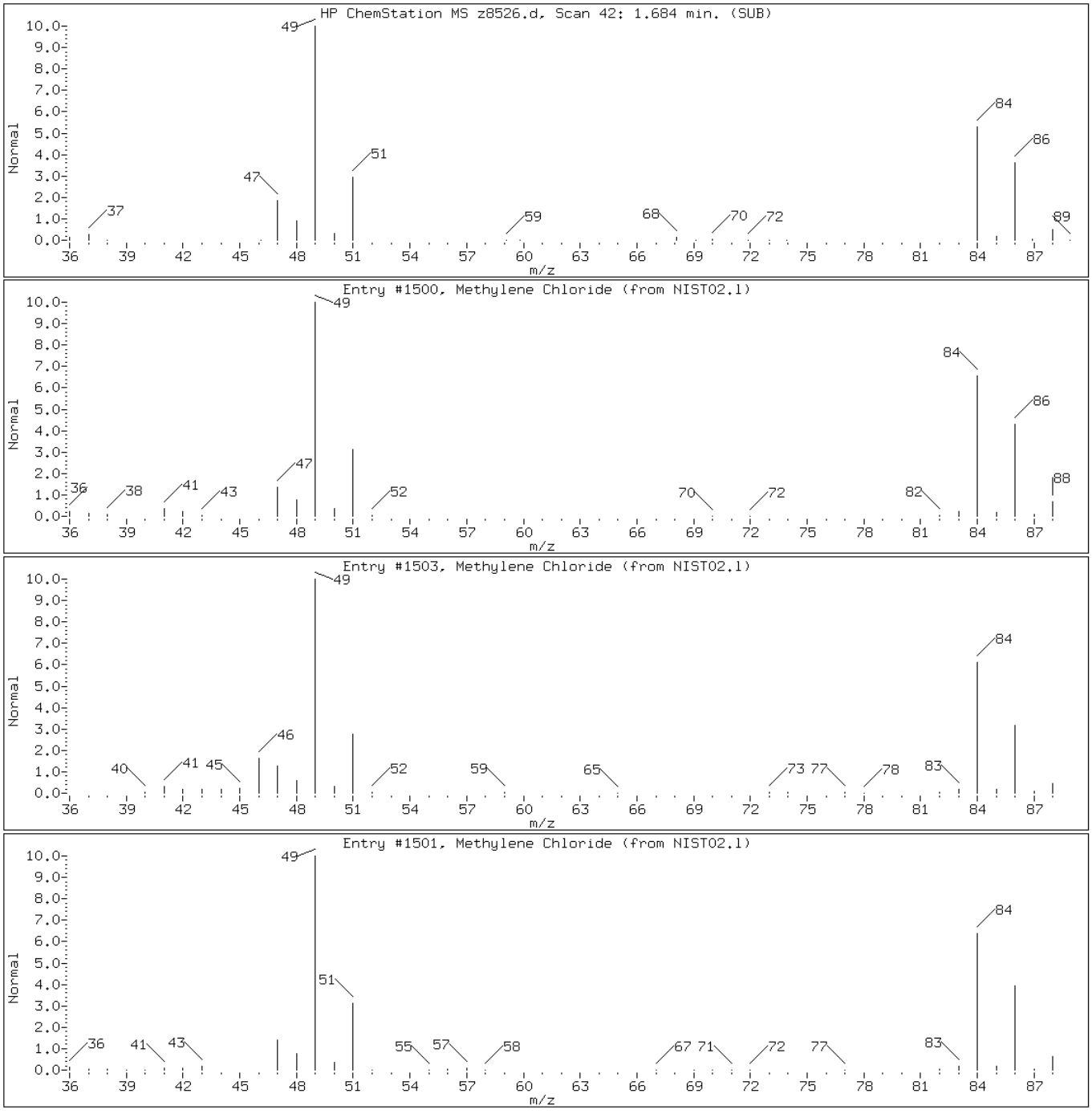
Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

Retention Time: 1.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methylene Chloride	75-09-2	NIST02.l	1500	91	CH2Cl2	84
Methylene Chloride	75-09-2	NIST02.l	1503	91	CH2Cl2	84
Methylene Chloride	75-09-2	NIST02.l	1501	91	CH2Cl2	84



Data File: z8526.d

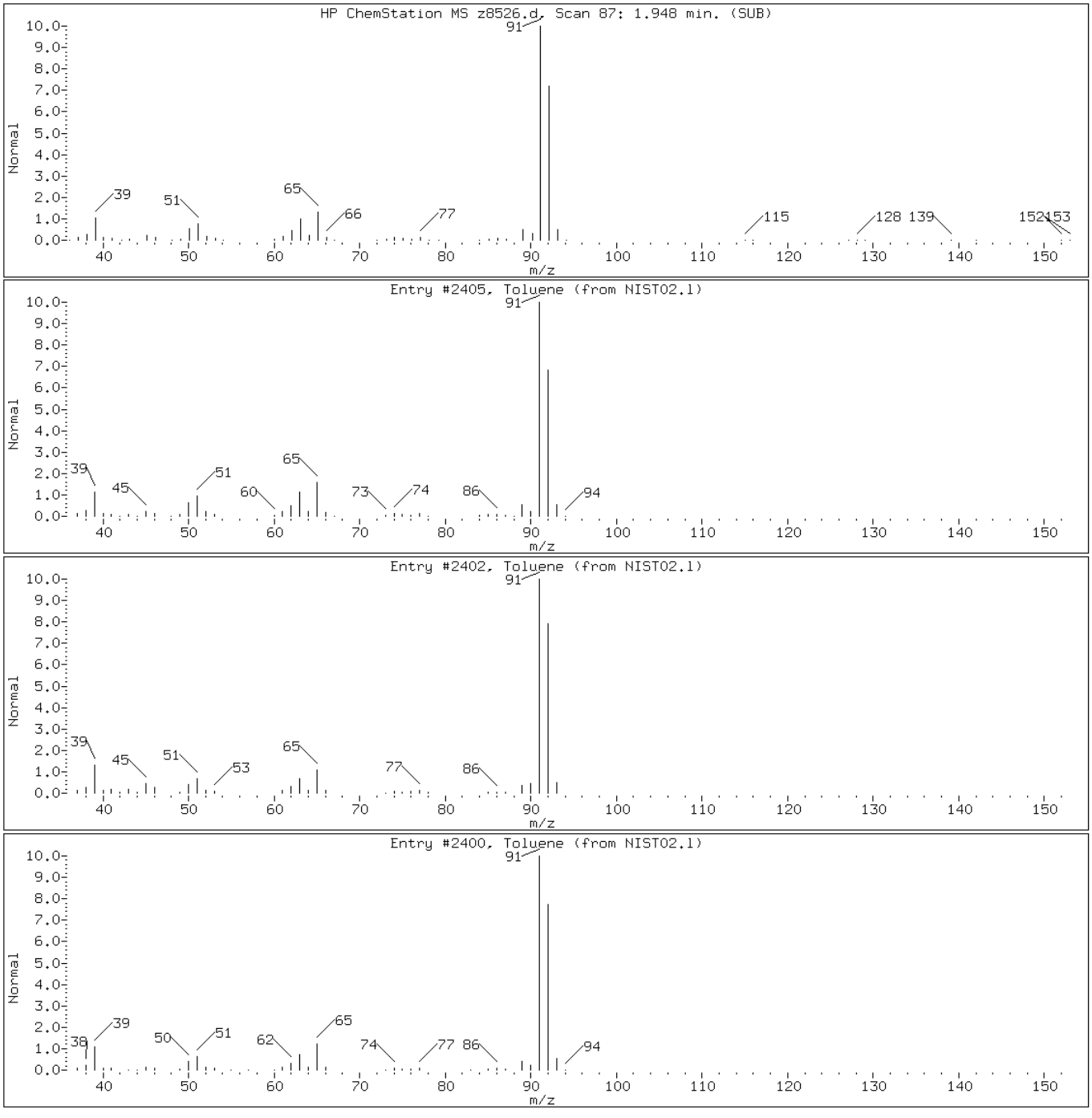
Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

Retention Time: 1.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Toluene	108-88-3	NIST02.l	2405	97	C7H8	92
Toluene	108-88-3	NIST02.l	2402	96	C7H8	92
Toluene	108-88-3	NIST02.l	2400	95	C7H8	92



Data File: z8526.d

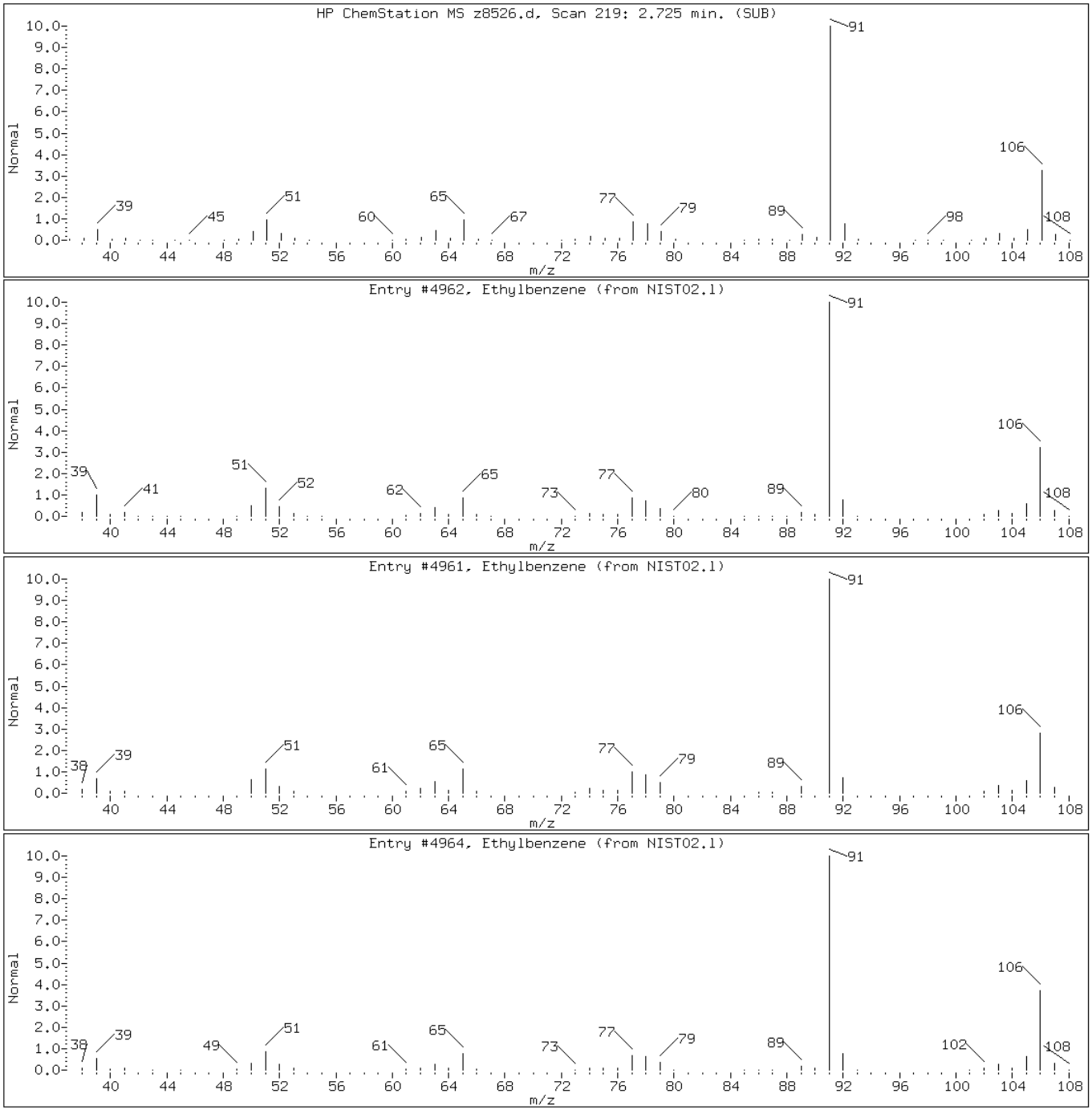
Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

Retention Time: 2.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylbenzene	100-41-4	NIST02.l	4962	95	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4961	94	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4964	93	C8H10	106



Data File: z8526.d

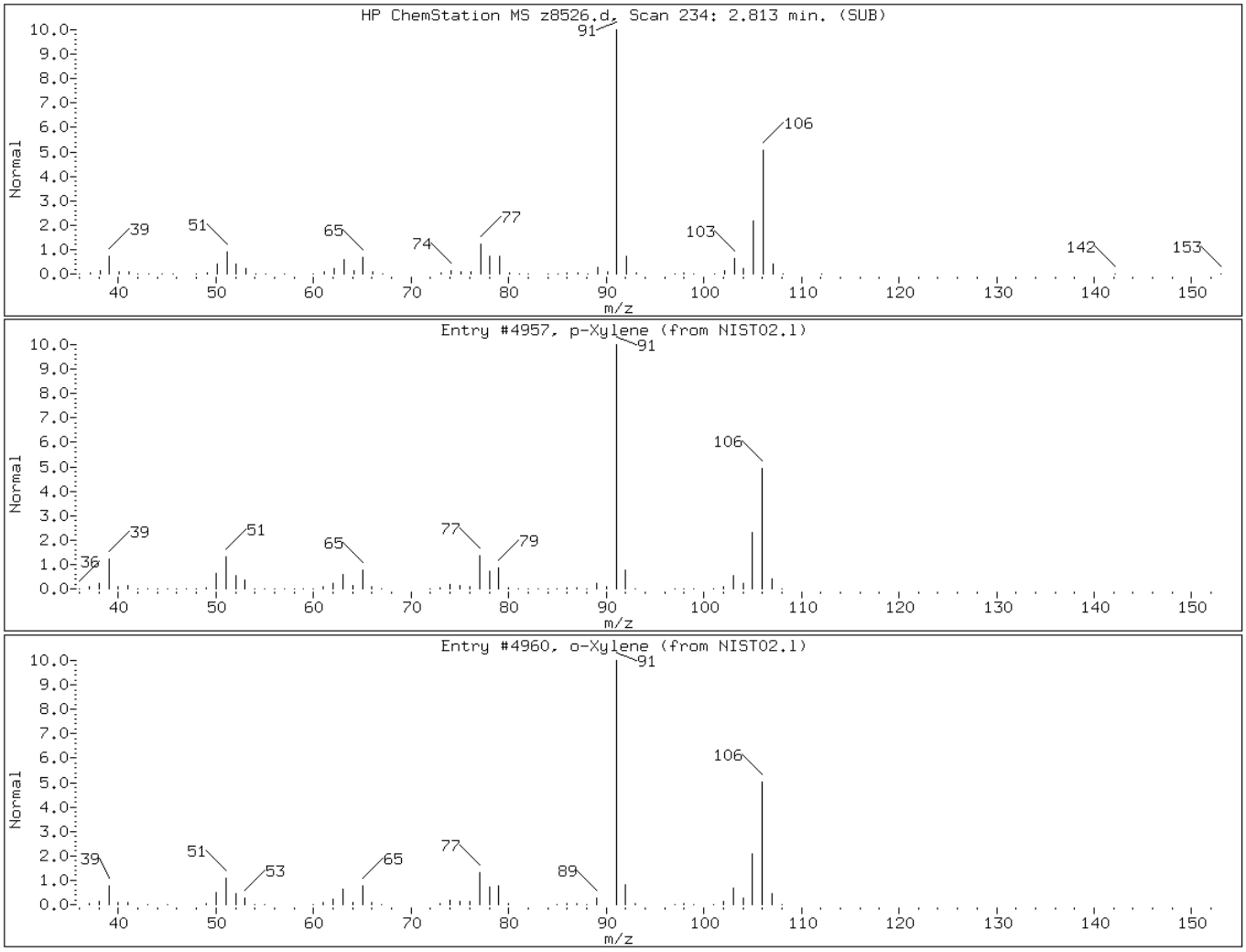
Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

Retention Time: 2.81

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Xylene isomer-1						
p-Xylene	106-42-3	NIST02.l	4957	97	C8H10	106
o-Xylene	95-47-6	NIST02.l	4960	97	C8H10	106



Data File: z8526.d

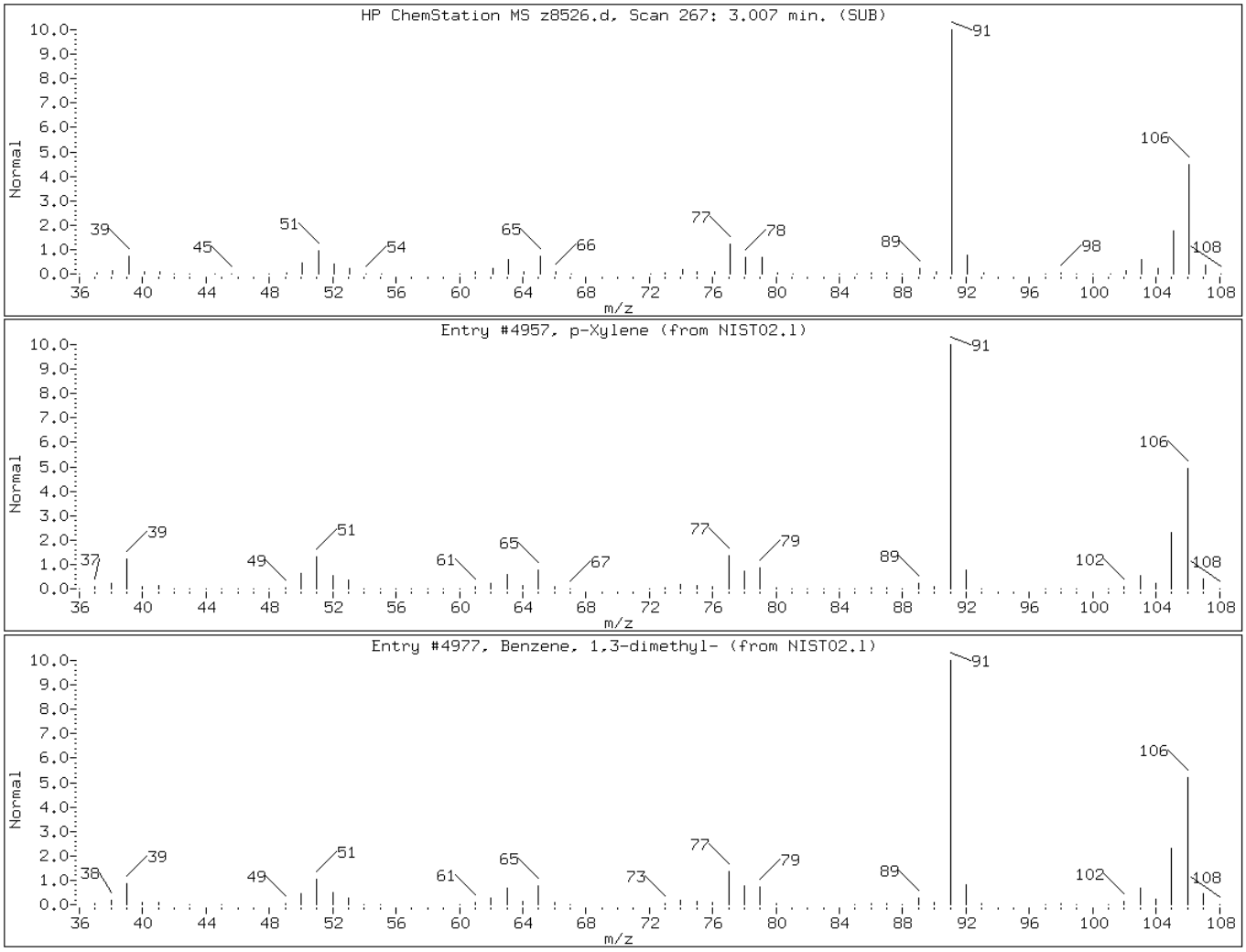
Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

Retention Time: 3.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Xylene isomer-2						
p-Xylene	106-42-3	NIST02.l	4957	97	C8H10	106
Benzene, 1,3-dimethyl-	108-38-3	NIST02.l	4977	97	C8H10	106



Data File: z8526.d

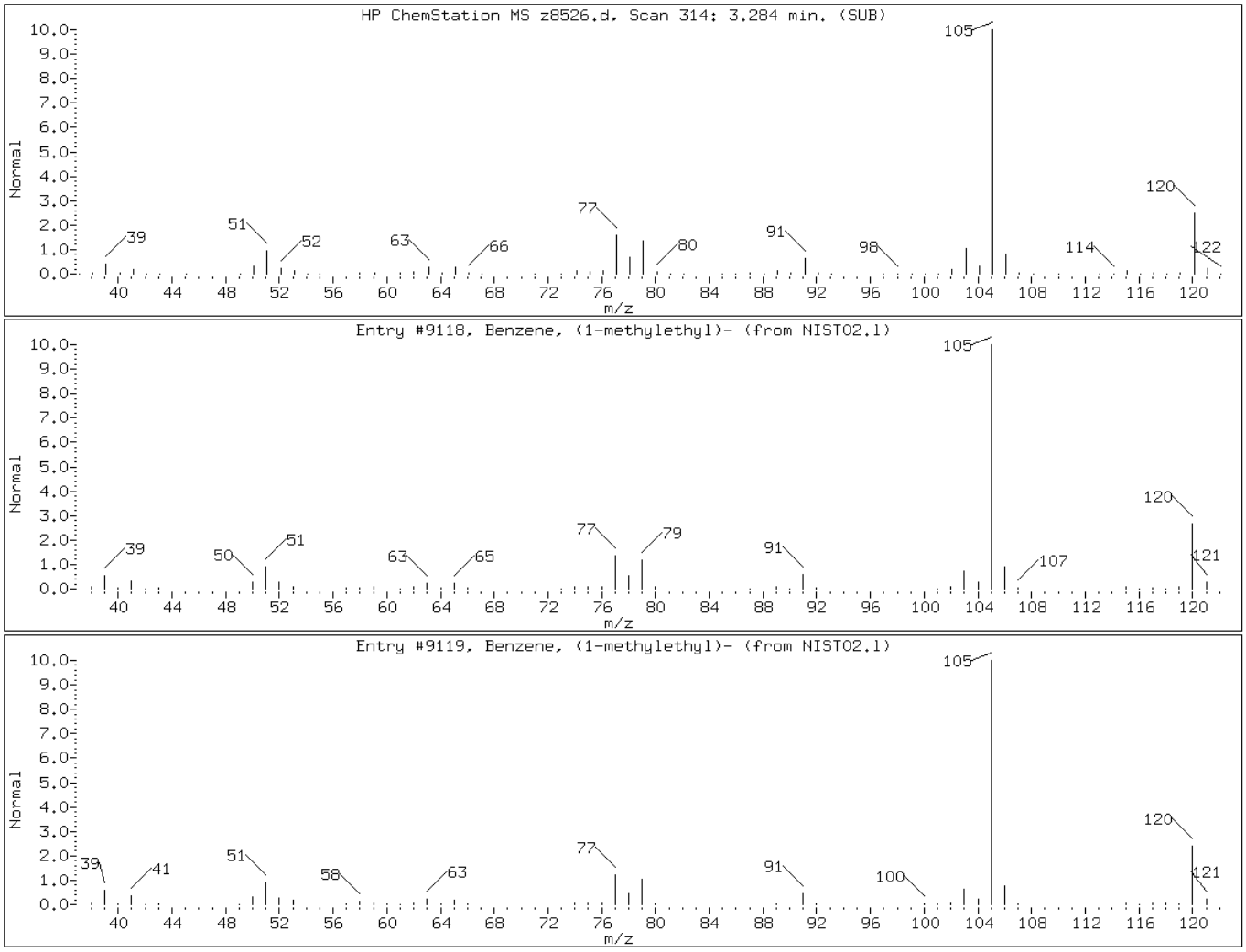
Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

Retention Time: 3.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer-1						
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9118	94	C9H12	120
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9119	94	C9H12	120



Data File: z8526.d

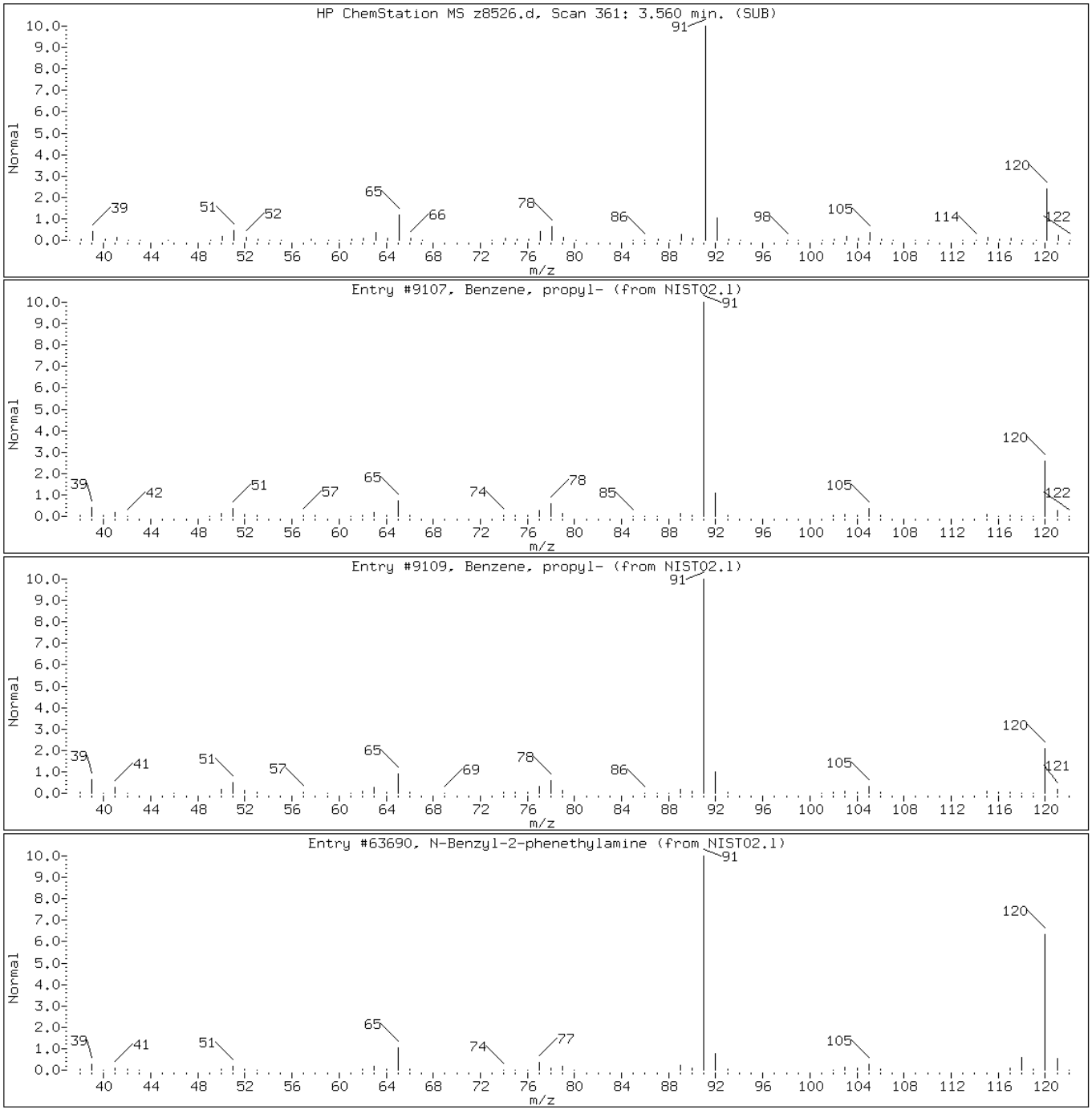
Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

Retention Time: 3.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, propyl-	103-65-1	NIST02.l	9107	90	C9H12	120
Benzene, propyl-	103-65-1	NIST02.l	9109	90	C9H12	120
N-Benzyl-2-phenethylamine	3647-71-0	NIST02.l	63690	74	C15H17N	211



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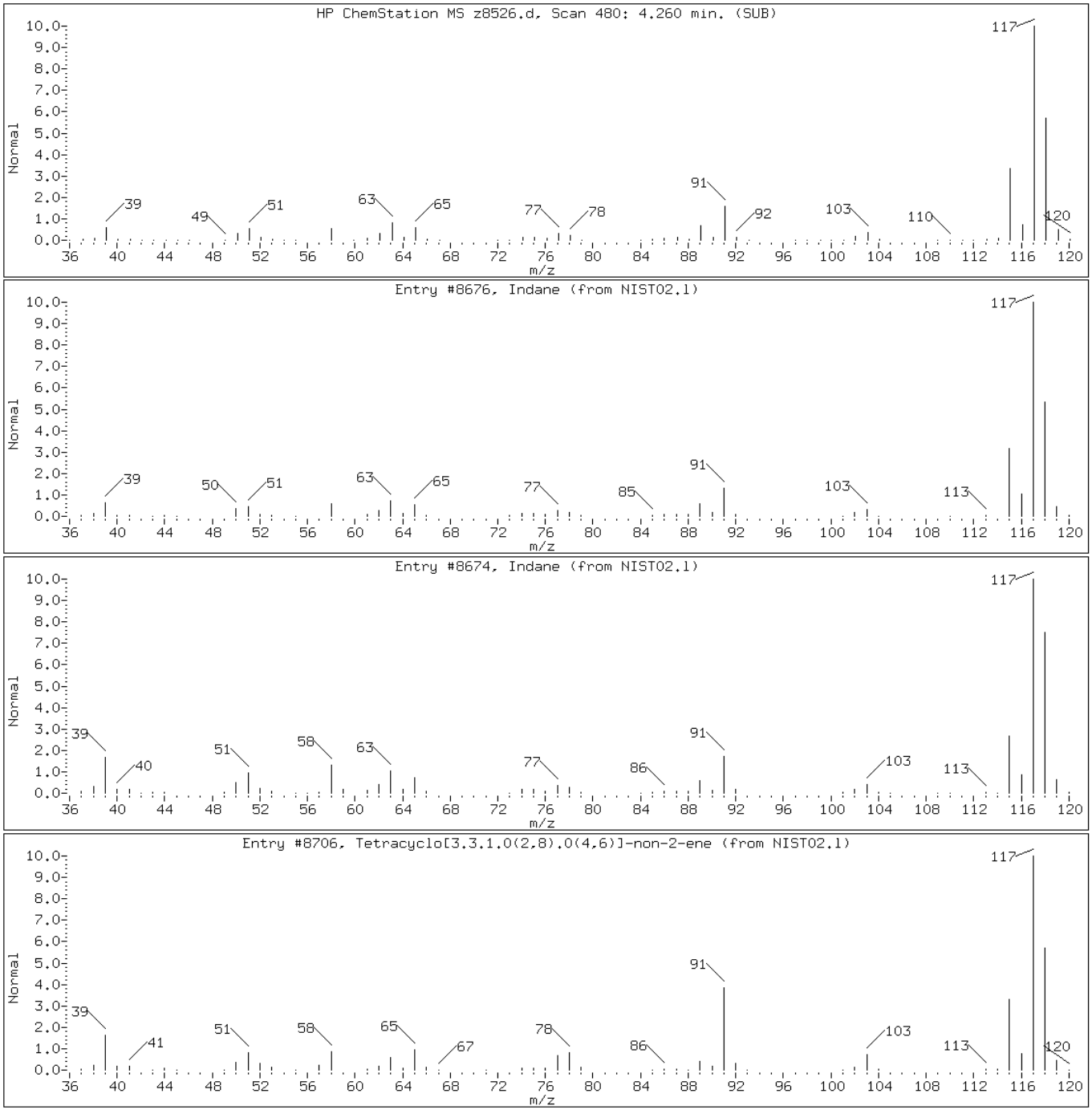
Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

Retention Time: 4.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8676	91	C9H10	118
Indane	496-11-7	NIST02.l	8674	91	C9H10	118
Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	1000191-13-7	NIST02.l	8706	83	C9H10	118



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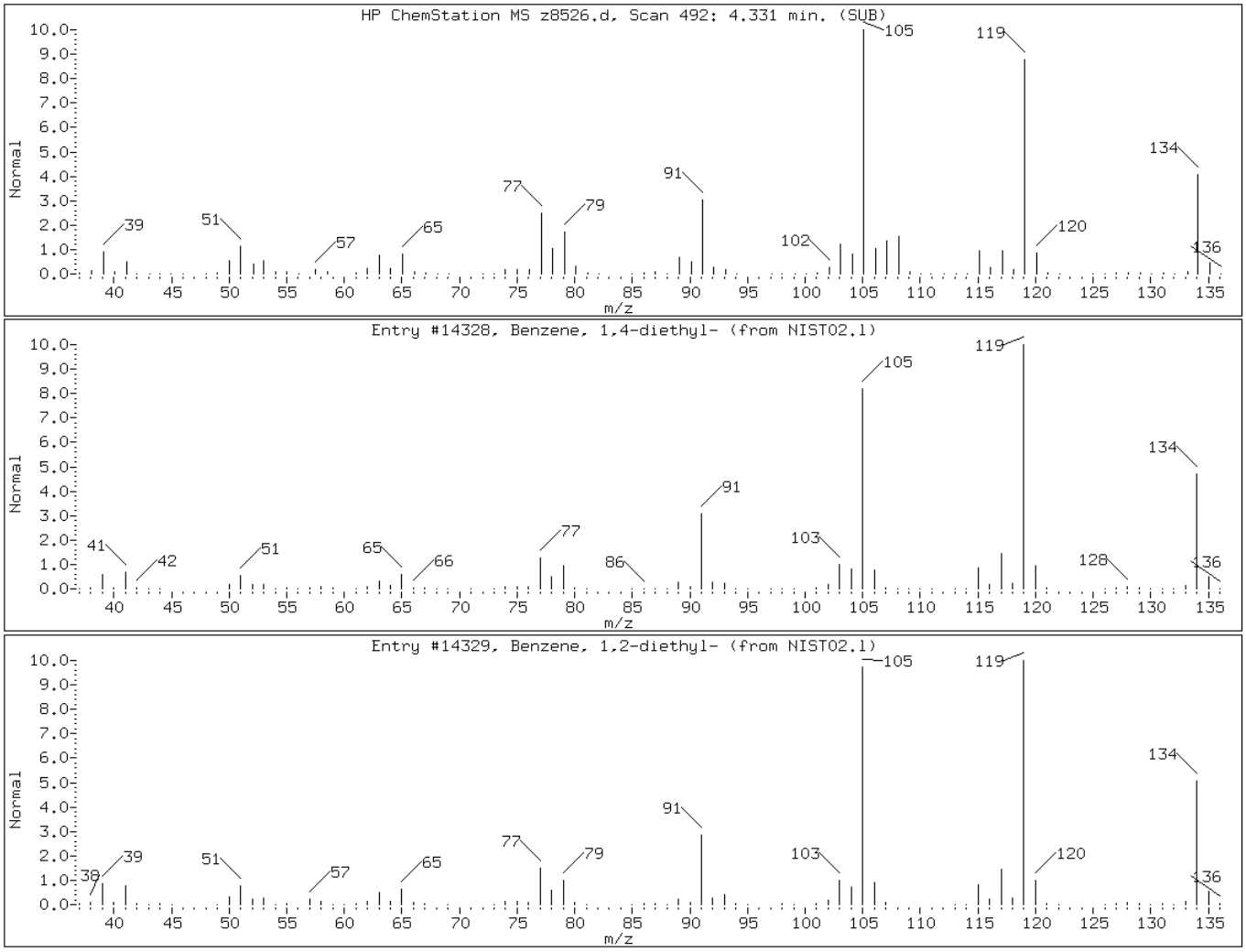
Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

Retention Time: 4.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer-1						
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14328	95	C10H14	134
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14329	94	C10H14	134



Data File: z8526.d

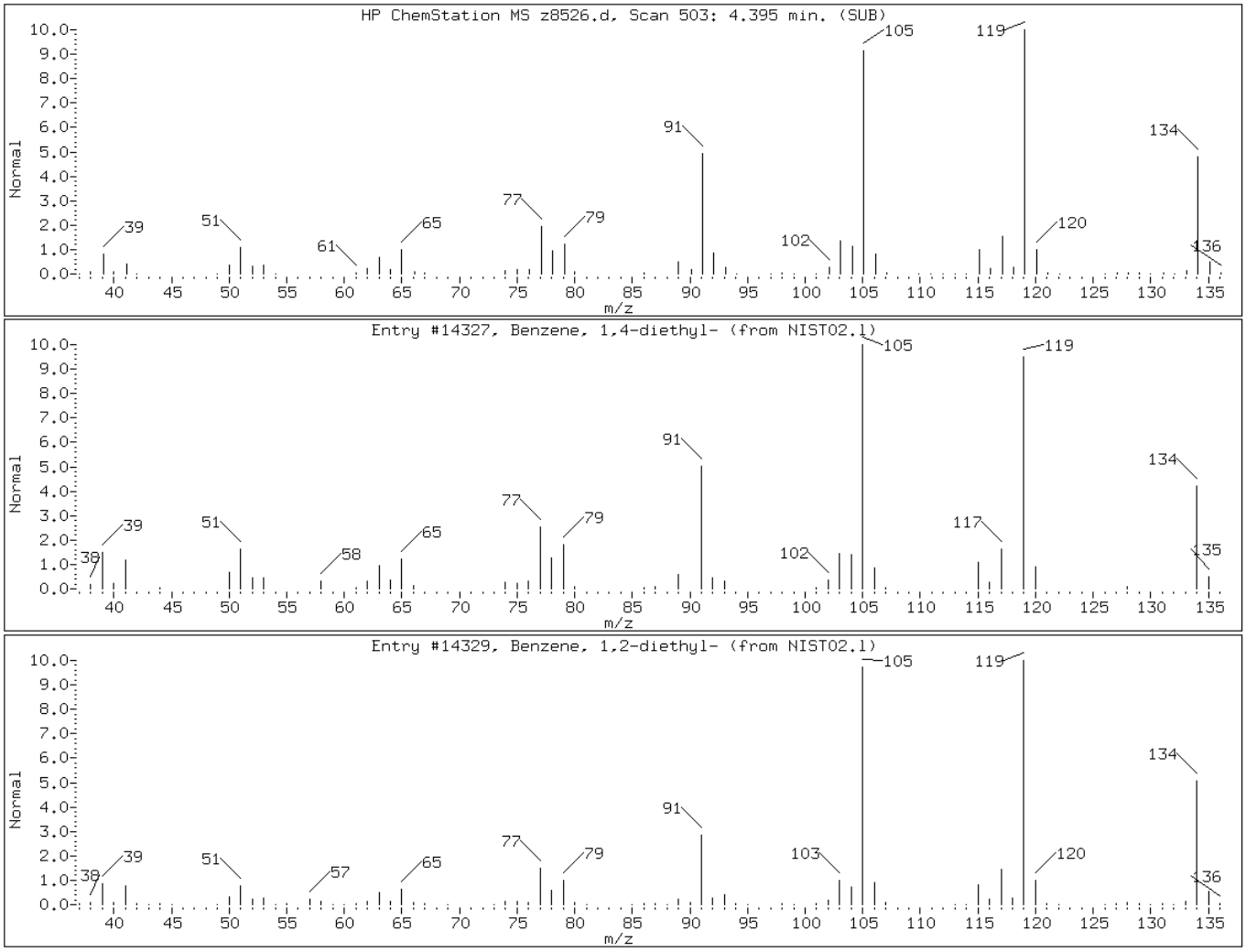
Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

Retention Time: 4.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer-2						
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14327	97	C10H14	134
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14329	96	C10H14	134



Data File: z8526.d

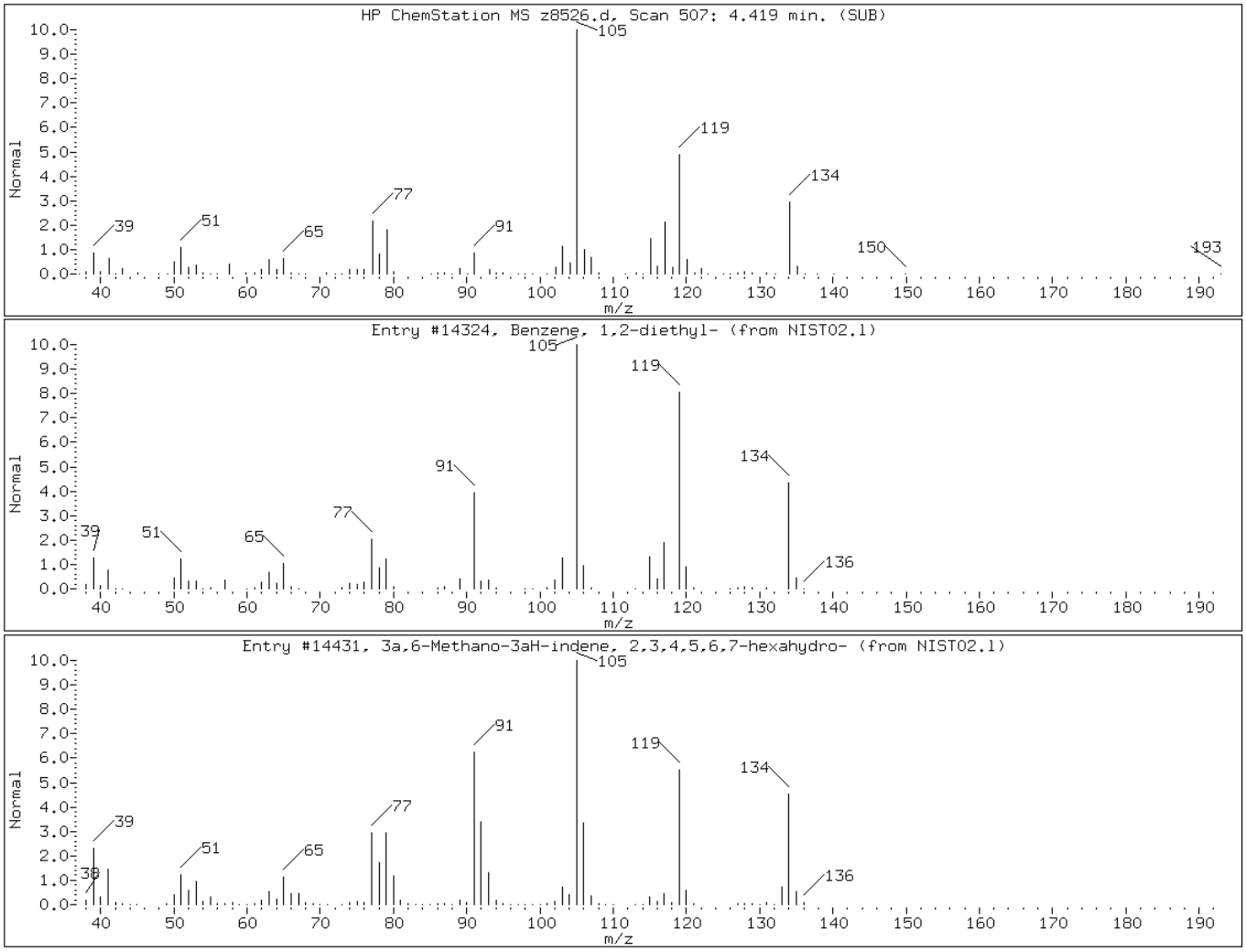
Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

Retention Time: 4.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer-3						
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14324	76	C10H14	134
3a,6-Methano-3aH-indene, 2,3,4,5,6	98640-10-9	NIST02.l	14431	52	C10H14	134



Data File: z8526.d

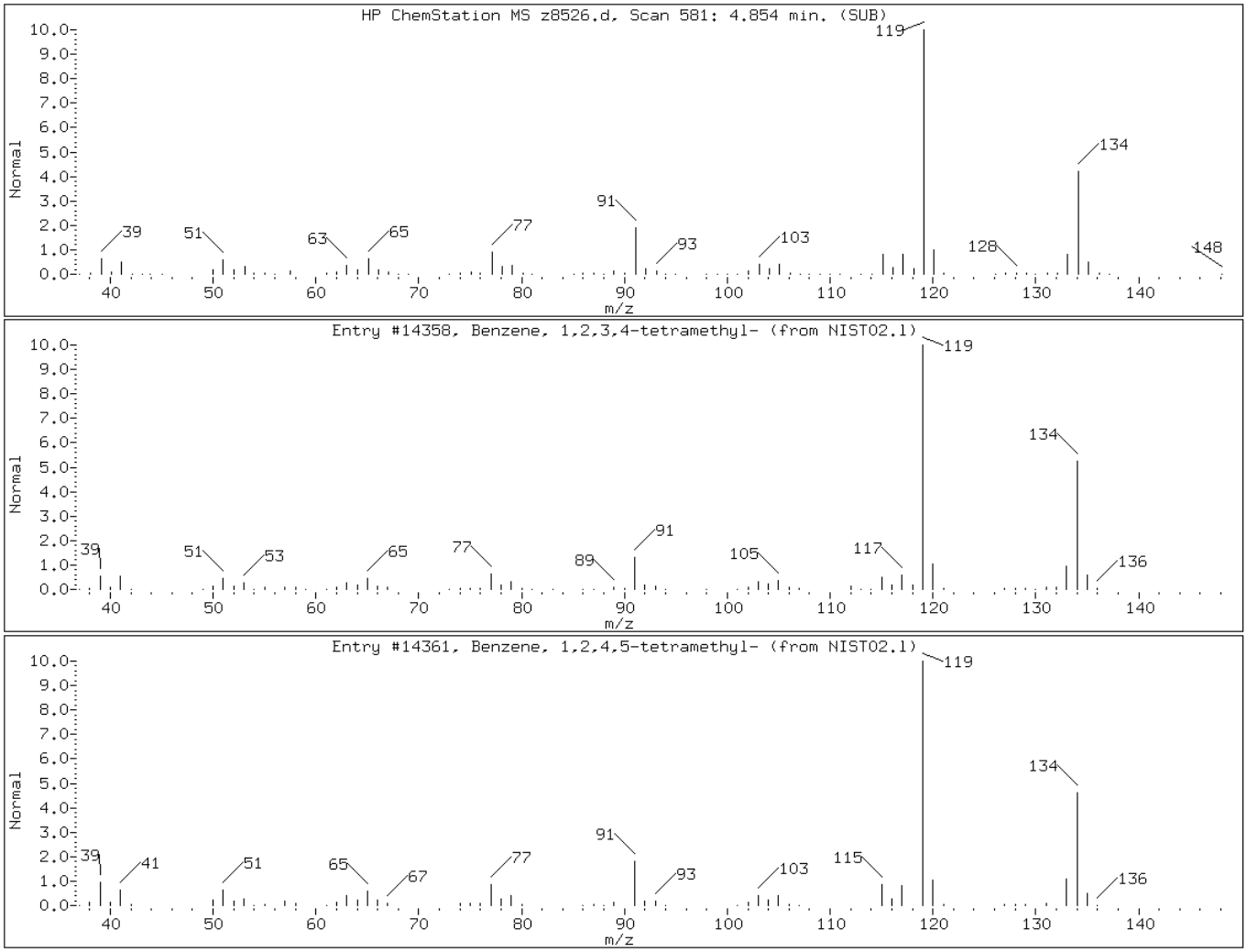
Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

Retention Time: 4.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer-1						
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14358	96	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	96	C10H14	134



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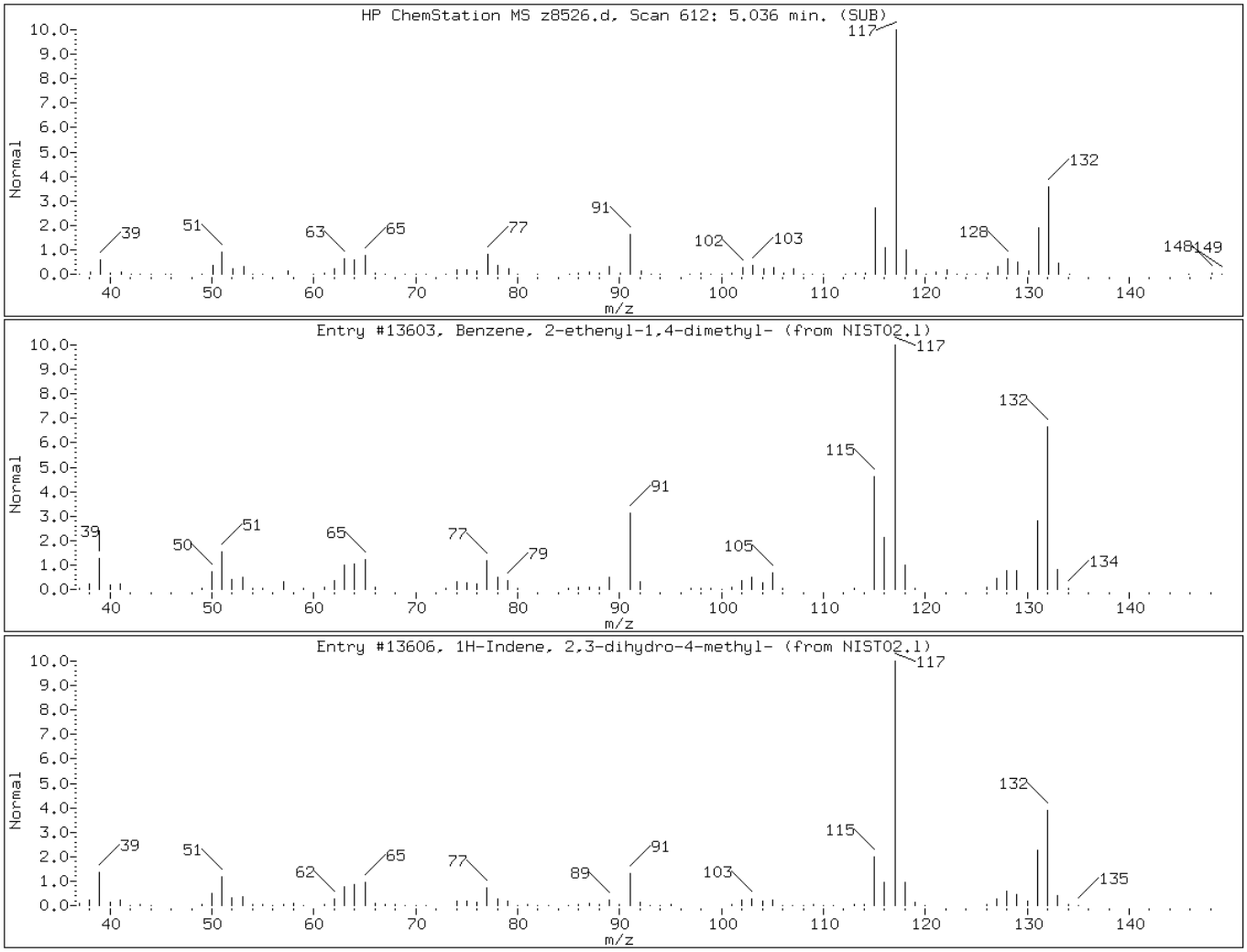
Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

Retention Time: 5.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	96	C10H12	132
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.l	13606	95	C10H12	132



Data File: z8526.d

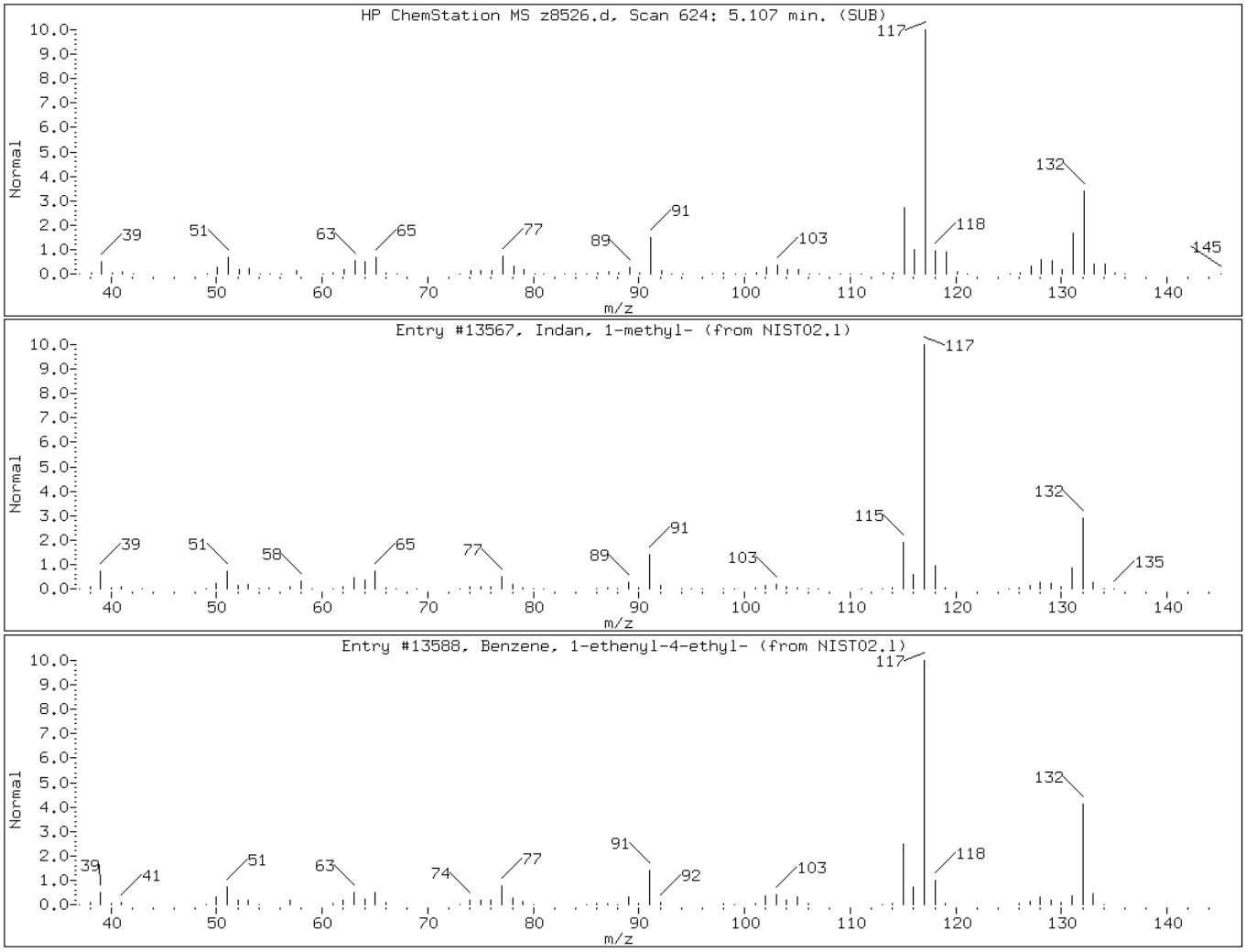
Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

Retention Time: 5.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic-2						
Indan, 1-methyl-	767-58-8	NIST02.l	13567	94	C10H12	132
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	94	C10H12	132



Data File: z8526.d

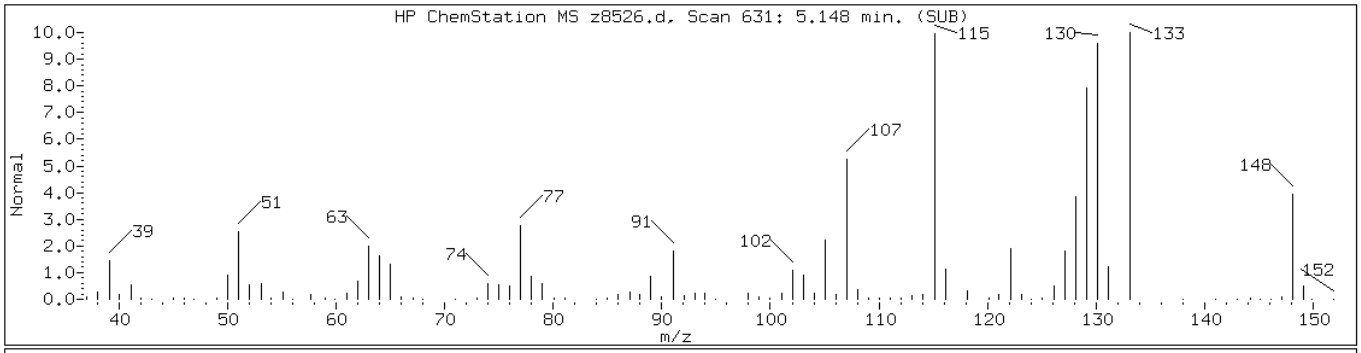
Date: 06-MAR-2010 05:54

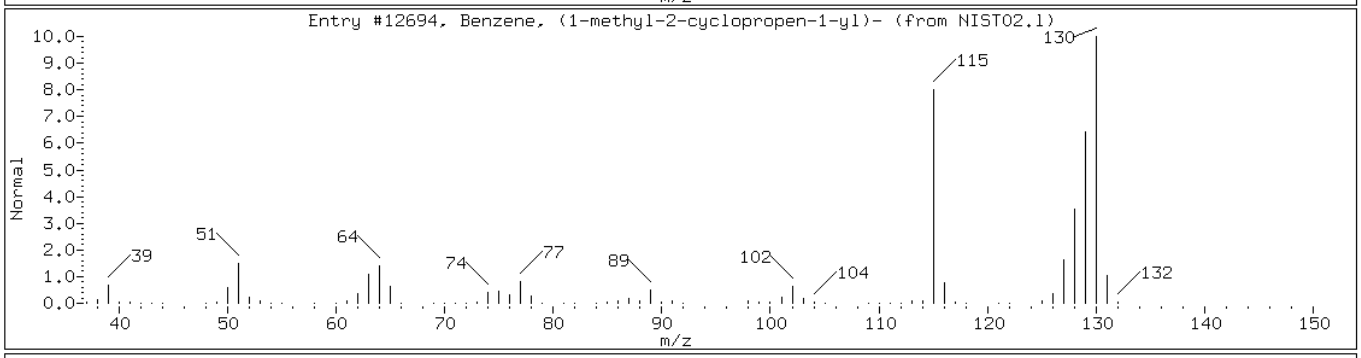
Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

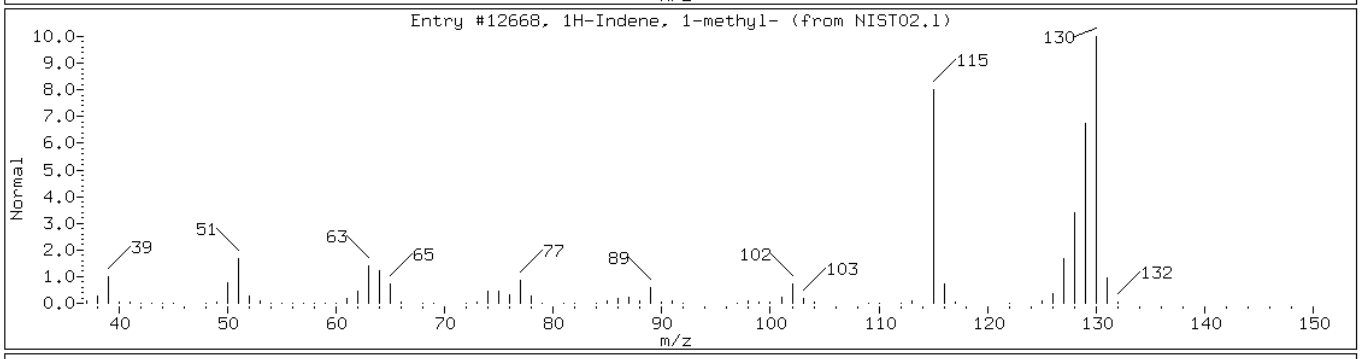
Sample Info: 460-10889-E-12-A Operator: BNAMS 4

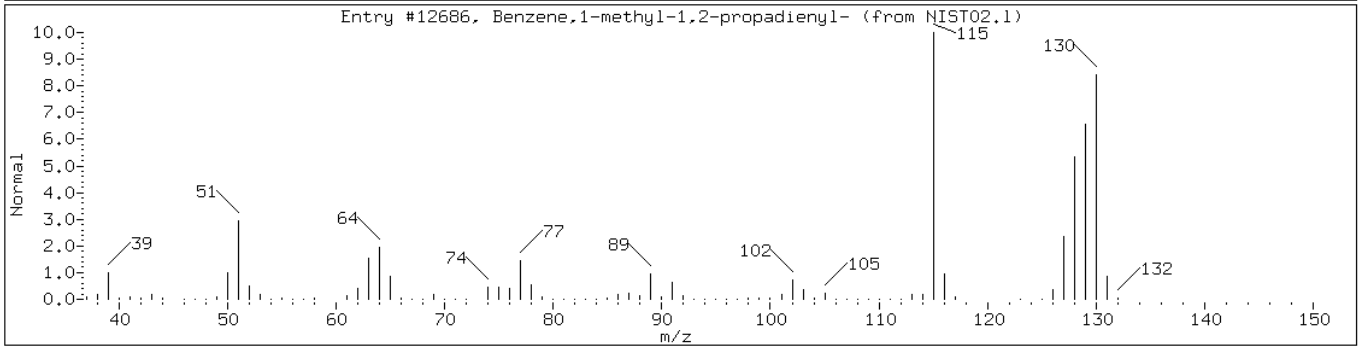
Retention Time: 5.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, (1-methyl-2-cyclopropen-1	65051-83-4	NIST02.l	12694	91	C10H10	130
1H-Indene, 1-methyl-	767-59-9	NIST02.l	12668	91	C10H10	130
Benzene,1-methyl-1,2-propadienyl-	22433-39-2	NIST02.l	12686	90	C10H10	130









Data File: z8526.d

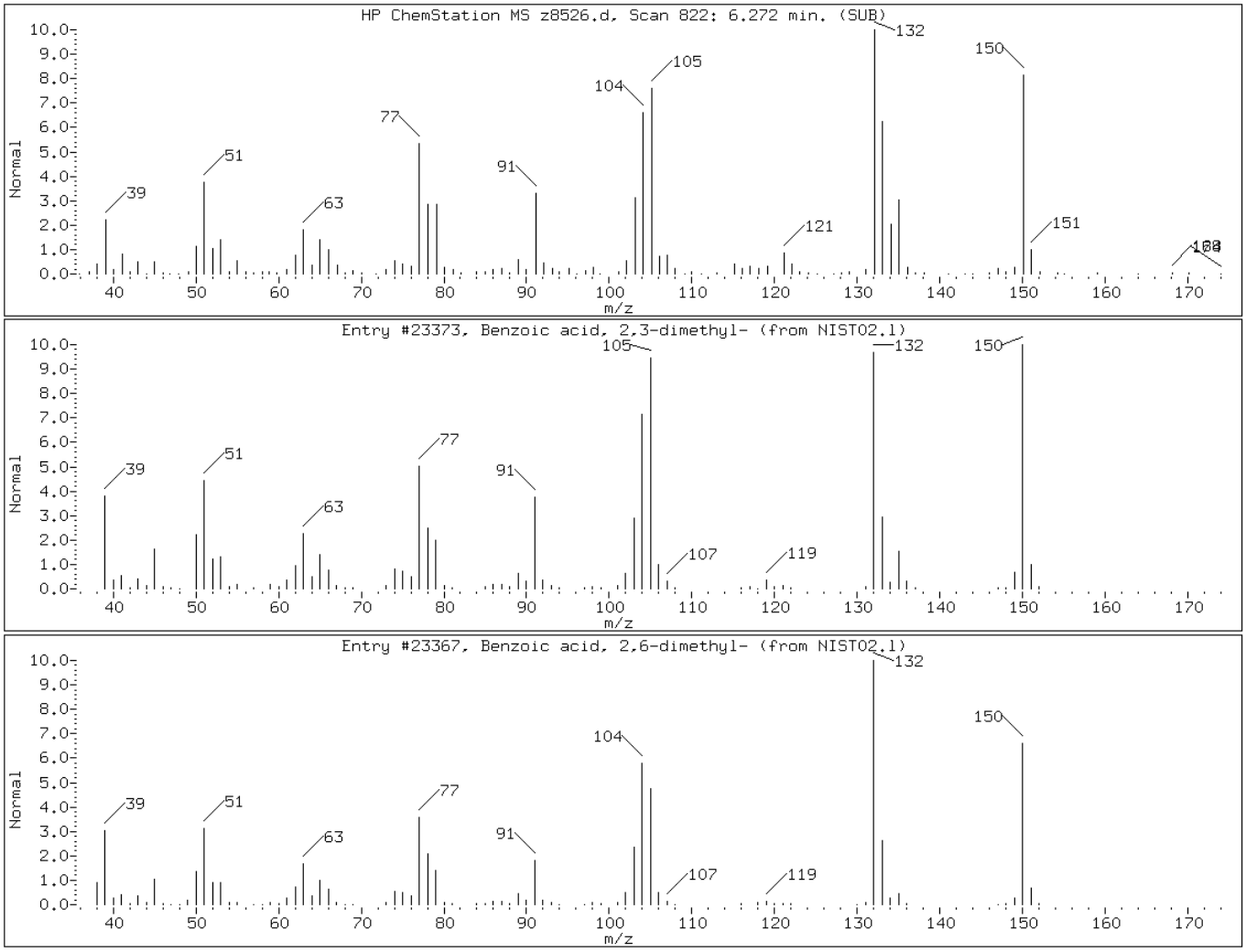
Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

Retention Time: 6.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethyl benzoic acid isomer						
Benzoic acid, 2,3-dimethyl-	603-79-2	NIST02.l	23373	96	C9H10O2	150
Benzoic acid, 2,6-dimethyl-	632-46-2	NIST02.l	23367	95	C9H10O2	150



Data File: z8526.d

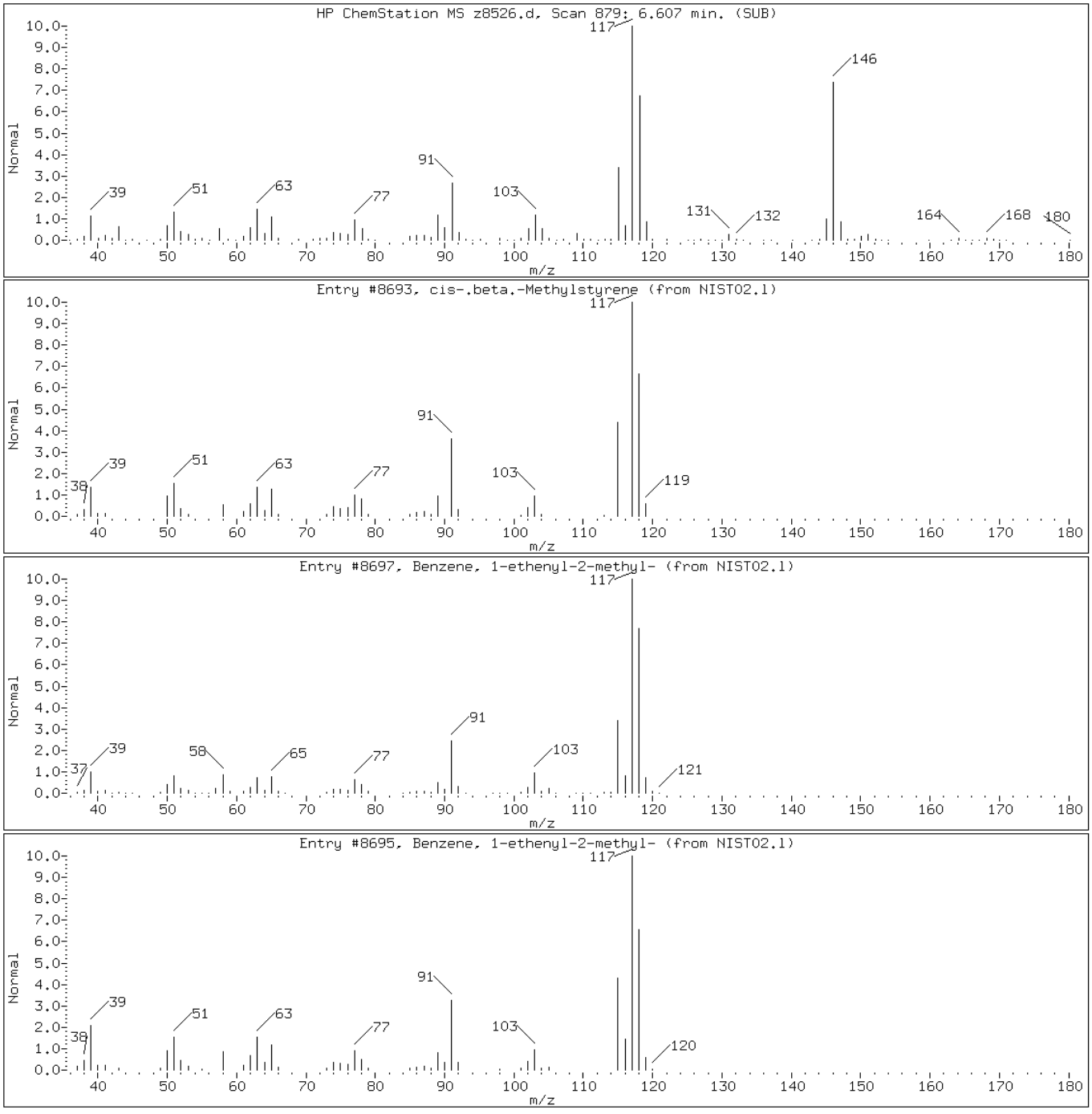
Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

Retention Time: 6.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
cis-.beta.-Methylstyrene	766-90-5	NIST02.l	8693	95	C9H10	118
Benzene, 1-ethenyl-2-methyl-	611-15-4	NIST02.l	8697	87	C9H10	118
Benzene, 1-ethenyl-2-methyl-	611-15-4	NIST02.l	8695	87	C9H10	118



Data File: z8526.d

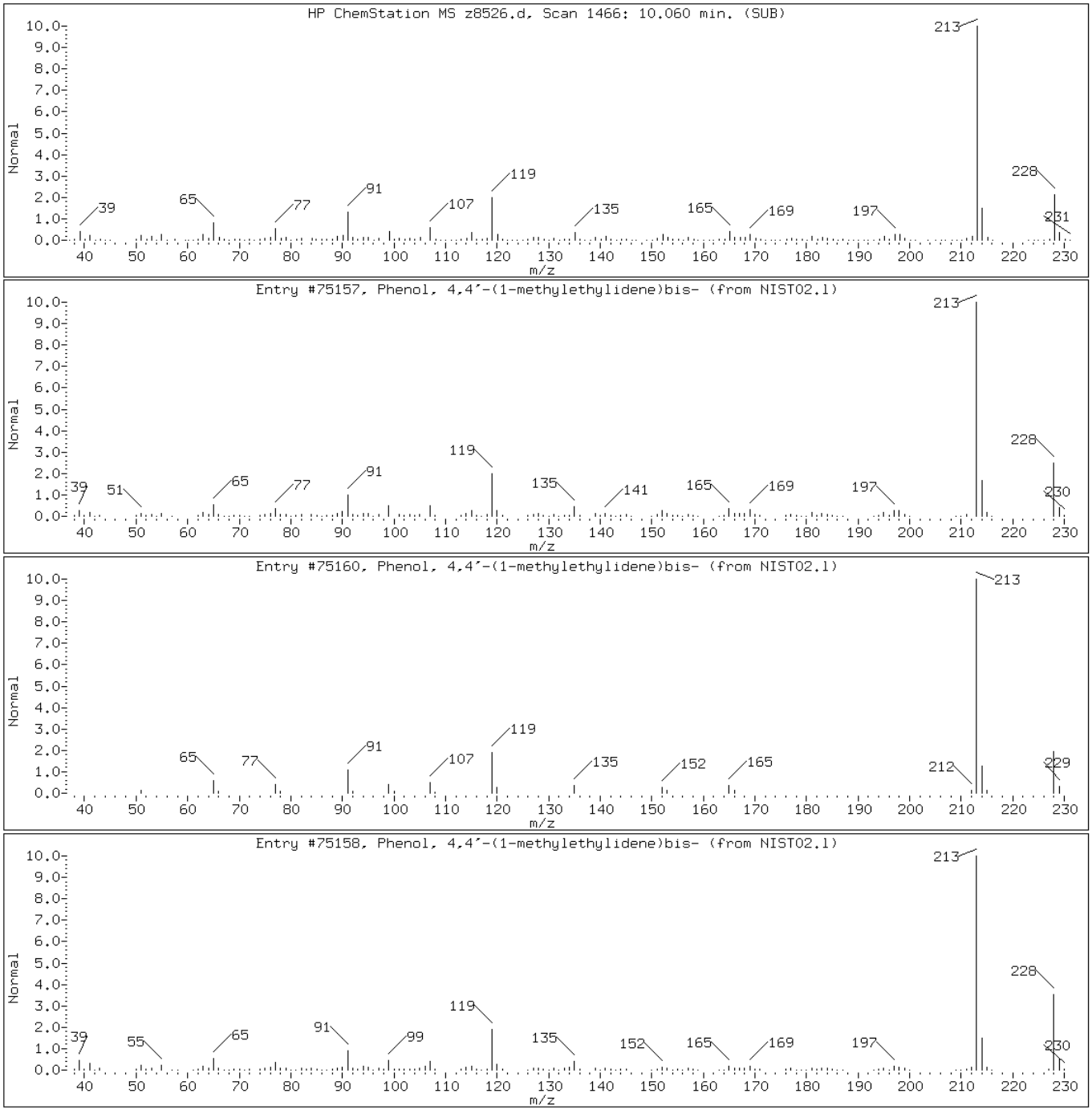
Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

Retention Time: 10.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenol, 4,4'-(1-methylethylidene)b	80-05-7	NIST02.l	75157	98	C15H16O2	228
Phenol, 4,4'-(1-methylethylidene)b	80-05-7	NIST02.l	75160	98	C15H16O2	228
Phenol, 4,4'-(1-methylethylidene)b	80-05-7	NIST02.l	75158	91	C15H16O2	228



Data File: z8526.d

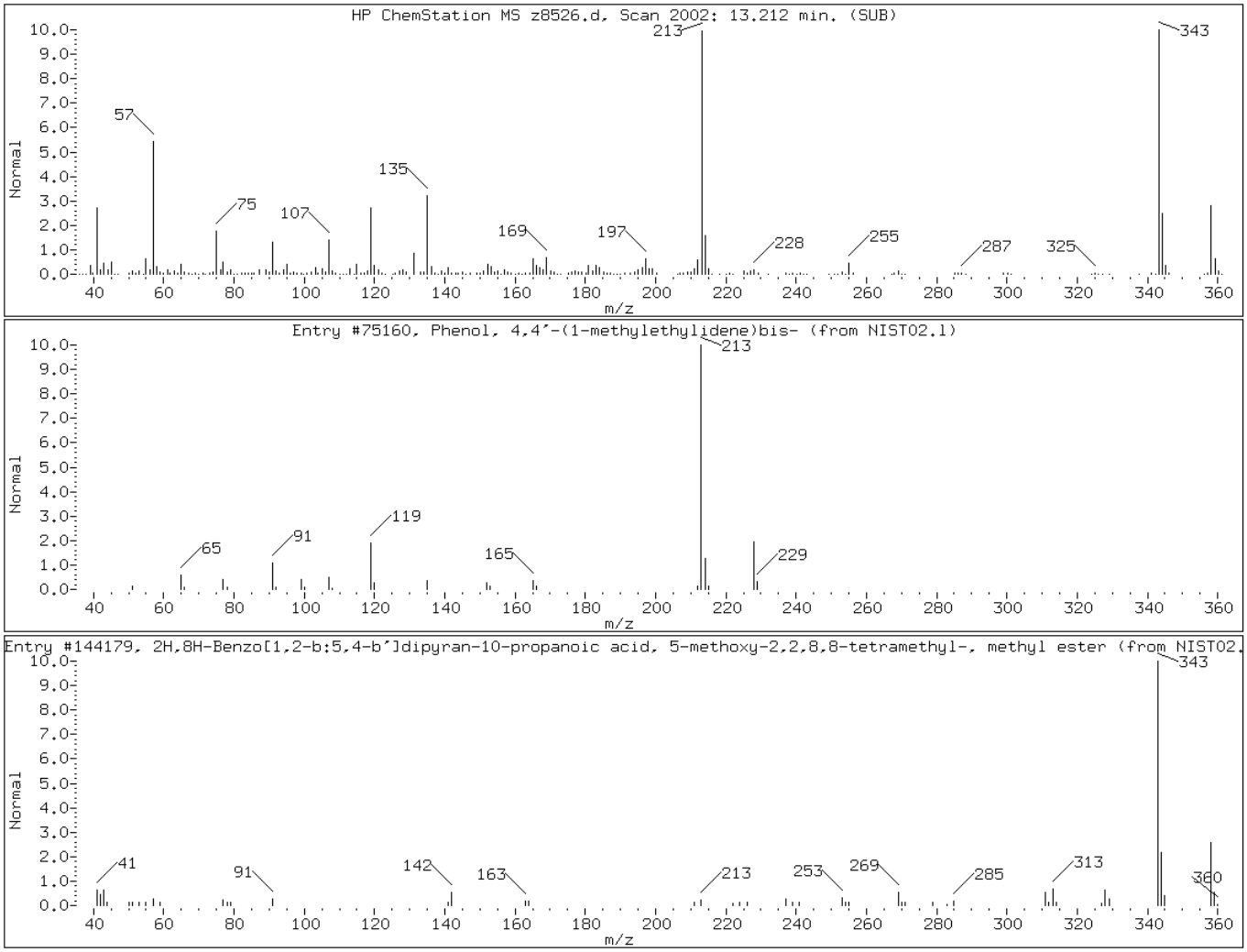
Date: 06-MAR-2010 05:54

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

Retention Time: 13.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Phenol, 4,4'-(1-methylethylidene)b	80-05-7	NIST02.l	75160	35	C15H16O2	228
2H,8H-Benzo[1,2-b:5,4-b']dipyran-1	26574-30-1	NIST02.l	144179	35	C21H26O5	358



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-012 Lab Sample ID: 460-10889-12

Matrix: GW Lab File ID: z8636.d

Analysis Method: 8270C Date Collected: 03/02/2010 14:35

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/10/2010 12:42

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31837 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	5.4	J *	10	1.4

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	90	61-112	
4165-60-0	Nitrobenzene-d5 (Surr)	77	61-120	
1718-51-0	Terphenyl-d14 (Surr)	99	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-012 | Lab Sample ID: 460-10889-12

Matrix: GW | Lab File ID: z8636.d

Analysis Method: 8270C | Date Collected: 03/02/2010 14:35

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/10/2010 12:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31837 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-09-10benzdel/10mar10.b/z8636.d
Report Date: 10-Mar-2010 13:03

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-09-10benzdel/10mar10.b/z8636.d
Lab Smp Id: 460-10889-E-12-A Client Smp ID: GW-017338-030210-AC
Inj Date : 10-MAR-2010 12:42
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-E-12-A
Misc Info : 460-10889-E-12-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-09-10benzdel/10mar10.b/8270del_Benz.m
Meth Date : 10-Mar-2010 12:08 croccom Quant Type: ISTD
Cal Date : 10-MAR-2010 11:51 Cal File: z8634.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
110 Benzaldehyde	77	3.537	3.543	(0.888)	58685	2.66621	5.4(aH)
* 79 1,4-Dichlorobenzene-d4	152	3.984	3.984	(1.000)	603274	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.549	4.548	(0.863)	1013338	38.4286	78
* 80 Naphthalene-d8	136	5.272	5.272	(1.000)	2210584	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.366	6.366	(0.906)	1544653	44.9766	92
* 82 Acenaphthene-d10	164	7.025	7.025	(1.000)	1051197	40.0000	
* 83 Phenanthrene-d10	188	8.478	8.478	(1.000)	1334401	40.0000	
$ 78 Terphenyl-d14	244	10.048	10.054	(0.901)	881400	49.3908	100
* 81 Chrysene-d12	240	11.148	11.154	(1.000)	703453	40.0000	
* 84 Perylene-d12	264	12.966	12.966	(1.000)	461906	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-09-10benzdel/10mar10.b/z8636.d
Report Date: 10-Mar-2010 13:03

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS11.i/8270/03-09-10benzdel/10mar10.b/z8636.d
Report Date: 10-Mar-2010 13:03

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-09-10benzdel/10mar10.b/z8636.d
Lab Smp Id: 460-10889-E-12-A Client Smp ID: GW-017338-030210-AC
Inj Date : 10-MAR-2010 12:42
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-E-12-A
Misc Info : 460-10889-E-12-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-09-10benzdel/10mar10.b/8270del_Benz.m
Meth Date : 10-Mar-2010 12:08 croccom Quant Type: ISTD
Cal Date : 10-MAR-2010 11:51 Cal File: z8634.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

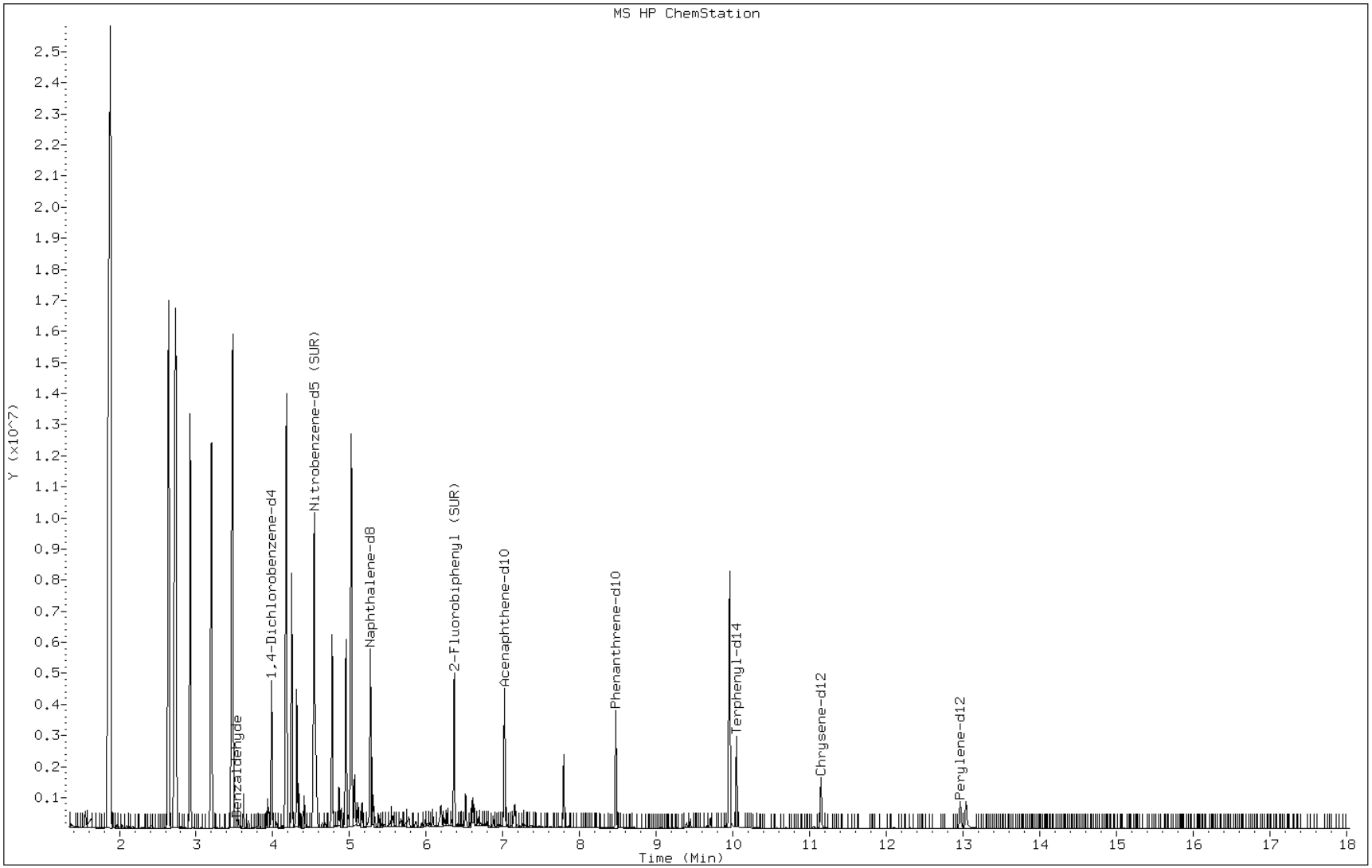
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z8636.d

Date: 10-MAR-2010 12:42

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4



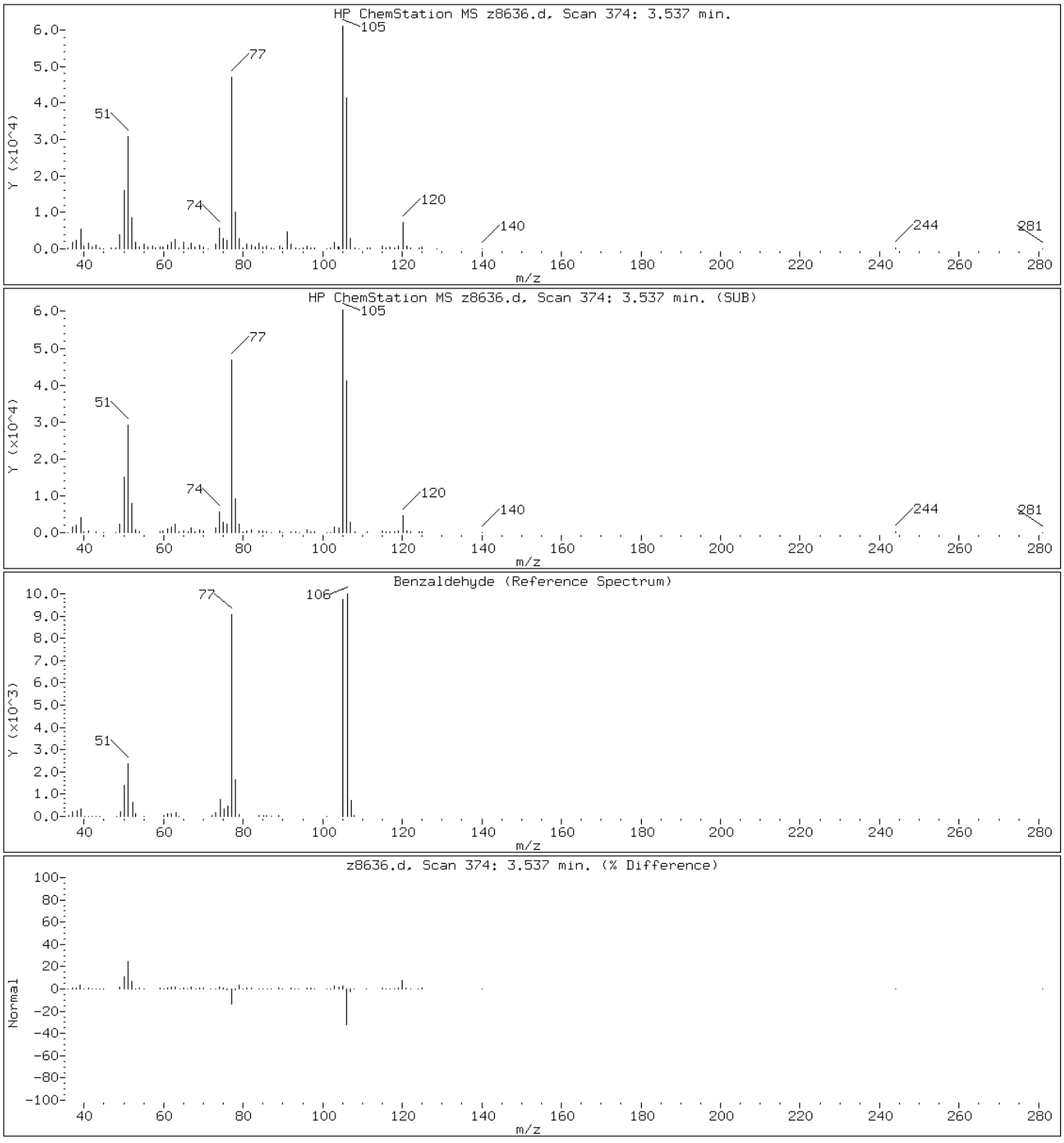
Data File: z8636.d

Date: 10-MAR-2010 12:42

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-12-A Operator: BNAMS 4

110 Benzaldehyde



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-013 | Lab Sample ID: 460-10889-13

Matrix: GW | Lab File ID: z8527.d

Analysis Method: 8270C | Date Collected: 03/02/2010 15:45

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 06:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	5.5
108-95-2	Phenol	10	U	10	0.91
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.42
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
95-57-8	2-Chlorophenol	10	U	10	2.7
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.3
98-86-2	Acetophenone	15		10	4.4
91-57-6	2-Methylnaphthalene	10	U	10	3.2
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.7
88-74-4	2-Nitroaniline	20	U	20	5.8
67-72-1	Hexachloroethane	1.0	U	1.0	0.51
98-95-3	Nitrobenzene	1.0	U	1.0	0.42
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
78-59-1	Isophorone	10	U	10	3.7
88-75-5	2-Nitrophenol	10	U	10	3.5
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
105-67-9	2,4-Dimethylphenol	10	U	10	2.6
100-01-6	4-Nitroaniline	20	U	20	4.1
100-02-7	4-Nitrophenol	31	U	31	2.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
1912-24-9	Atrazine	10	U	10	4.9
100-52-7	Benzaldehyde	10	U *	10	1.4
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.96
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.31
105-60-2	Caprolactam	10	U	10	0.51
86-74-8	Carbazole	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.7
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6
131-11-3	Dimethyl phthalate	10	U	10	3.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-013 | Lab Sample ID: 460-10889-13

Matrix: GW | Lab File ID: z8527.d

Analysis Method: 8270C | Date Collected: 03/02/2010 15:45

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 06:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-58-7	2-Chloronaphthalene	10	U	10	3.8
206-44-0	Fluoranthene	3.4	J	10	2.7
86-73-7	Fluorene	10	U	10	3.3
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.60
208-96-8	Acenaphthylene	10	U	10	4.1
99-09-2	3-Nitroaniline	20	U	20	4.4
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.33
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	31	U	31	4.9
132-64-9	Dibenzofuran	10	U	10	3.7
84-66-2	Diethyl phthalate	10	U	10	3.9
534-52-1	4,6-Dinitro-2-methylphenol	31	U	31	5.3
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.4
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.1
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.8

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	91	50-119	
321-60-8	2-Fluorobiphenyl	85	61-112	
367-12-4	2-Fluorophenol (Surr)	36	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	73	61-120	
4165-62-2	Phenol-d5 (Surr)	24	9-48	
1718-51-0	Terphenyl-d14 (Surr)	73	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-013 | Lab Sample ID: 460-10889-13

Matrix: GW | Lab File ID: z8527.d

Analysis Method: 8270C | Date Collected: 03/02/2010 15:45

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 06:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

Number TICs Found: 21 | TIC Result Total: 4775

CAS NO.	COMPOUND NAME	RT	RESULT	Q
100-41-4	Ethylbenzene	2.71	190	T J N
	Ethylmethylbenzene isomer	3.28	300	T J
103-65-1	Benzene, propyl-	3.55	340	T J N
	Ethylmethylbenzene isomer-2	3.62	210	T J
	Ethylmethylbenzene isomer-3	3.65	190	T J
	Trimethylbenzene isomer	3.69	180	T J
	Ethylmethylbenzene isomer4	3.77	170	T J
	Trimethylbenzene isomer-2	3.92	440	T J
	Ethylmethylbenzene isomer-5	4.14	160	T J
496-11-7	Indane	4.27	380	T J N
	Diethylbenzene isomer	4.34	240	T J
	Diethylbenzene isomer-2	4.40	110	T J
	Unknown	4.42	47	T J
	Ethyldimethylbenzene isomer	4.62	310	T J
	Tetramethylbenzene isomer	4.86	210	T J
	Ethyldimethylbenzene isomer-2	4.88	65	T J
	C10H12 Aromatic	5.04	240	T J
	C10H12 Aromatic-2	5.12	410	T J
767-59-9	1H-Indene, 1-methyl-	5.15	65	T J N
	Unknown-2	7.27	48	T J
80-05-7	Phenol, 4,4''-(1-methylethylidene)bis-	10.05	470	T J N

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8527.d
Report Date: 11-Mar-2010 15:36

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8527.d
Lab Smp Id: 460-10889-F-13-A Client Smp ID: GW-017338-030210-AC
Inj Date : 06-MAR-2010 06:18
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-13-A
Misc Info : 460-10889-F-13-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
106 1,4-Dioxane	88	1.502	1.490	(0.369)	2237	0.19410	0.40(a)
$ 16 2-Fluorophenol (SUR)	112	2.790	2.790	(0.685)	422756	18.0863	37
$ 17 Phenol-d5 (SUR)	99	3.701	3.707	(0.909)	314578	11.7659	24
* 79 1,4-Dichlorobenzene-d4	152	4.072	4.066	(1.000)	586878	40.0000	
4 4-Methylphenol	108	4.495	4.496	(1.104)	4033	0.28066	0.57(a)
121 3 & 4 Methylphenol	108	4.495	4.496	(1.104)	4033	0.28066	0.57(a)
104 Acetophenone	105	4.472	4.484	(1.098)	179905	7.43445	15
$ 76 Nitrobenzene-d5 (SUR)	82	4.637	4.631	(0.865)	893056	36.6860	75
* 80 Naphthalene-d8	136	5.360	5.360	(1.000)	1961116	40.0000	
31 Naphthalene	128	5.389	5.378	(1.005)	7847281	154.847	320(A)
34 2-Methylnaphthalene	142	6.078	6.078	(1.134)	12142	0.43218	0.88(a)
120 1-Methylnaphthalene	142	6.172	6.178	(1.151)	52078	1.86293	3.8(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.454	6.448	(0.907)	1333714	42.4251	86
* 82 Acenaphthene-d10	164	7.113	7.113	(1.000)	845719	40.0000	
42 Acenaphthene	154	7.142	7.142	(1.004)	32455	1.52903	3.1(a)

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8527.d
Report Date: 11-Mar-2010 15:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	43 Dibenzofuran	168	7.313	7.319	(1.028)	11546	0.38863	0.79(a)
	47 Fluorene	166	7.648	7.654	(1.075)	11996	0.55313	1.1(a)
$	18 2,4,6-Tribromophenol (SUR)	330	7.889	7.889	(1.109)	169526	45.6619	93
*	83 Phenanthrene-d10	188	8.572	8.572	(1.000)	924114	40.0000	
	52 Phenanthrene	178	8.595	8.595	(1.003)	22894	0.86642	1.8(a)
	53 Anthracene	178	8.642	8.642	(1.008)	11131	0.41482	0.85(a)
	54 Carbazole	167	8.801	8.807	(1.027)	11246	0.54653	1.1(a)
	56 Fluoranthene	202	9.760	9.760	(1.139)	36924	1.67543	3.4(a)
	57 Pyrene	202	9.983	9.983	(0.885)	20607	0.95352	1.9(a)
$	78 Terphenyl-d14	244	10.148	10.148	(0.899)	556523	36.3138	74
*	81 Chrysene-d12	240	11.283	11.283	(1.000)	497565	40.0000	
*	84 Perylene-d12	264	13.136	13.130	(1.000)	381479	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8527.d
Report Date: 11-Mar-2010 15:36

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8527.d
Lab Smp Id: 460-10889-F-13-A Client Smp ID: GW-017338-030210-AC
Inj Date : 06-MAR-2010 06:18
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-13-A
Misc Info : 460-10889-F-13-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

ISTD		RT	AREA	AMOUNT
* 79	1,4-Dichlorobenzene-d4	4.072	4164792	40.000
* 82	Acenaphthene-d10	7.113	3648313	40.000
* 81	Chrysene-d12	11.283	1370980	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethylbenzene			CAS #: 100-41-4				
2.713	9447734	90.7390501	180	95	NIST02.l	4962	79

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8527.d
Report Date: 11-Mar-2010 15:36

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethylmethylbenzene isomer					CAS #:		
3.284	15452385	148.409643	300	0		0	79
Benzene, propyl-					CAS #: 103-65-1		
3.554	17125630	164.480014	340	90	NIST02.l	9107	79
Ethylmethylbenzene isomer-2					CAS #:		
3.619	10586625	101.677326	210	0		0	79
Ethylmethylbenzene isomer-3					CAS #:		
3.648	9740026	93.5463152	190	0		0	79
Trimethylbenzene isomer					CAS #:		
3.690	9029849	86.7255482	180	0		0	79
Ethylmethylbenzene isomer4					CAS #:		
3.772	8842989	84.9308853	170	0		0	79
Trimethylbenzene isomer-2					CAS #:		
3.919	22673669	217.765160	440	0		0	79
Ethylmethylbenzene isomer-5					CAS #:		
4.137	8080750	77.6101025	160	0		0	79
Indane					CAS #: 496-11-7		
4.266	19623656	188.471853	380	91	NIST02.l	8674	79
Diethylbenzene isomer					CAS #:		
4.337	12161092	116.799013	240	0		0	79
Diethylbenzene isomer-2					CAS #:		
4.401	5788717	55.5966860	110	0		0	79
Unknown					CAS #:		
4.425	2401663	23.0663351	47	0		0	79
Ethyldimethylbenzene isomer					CAS #:		
4.625	15951909	153.207229	310	0		0	79
Tetramethylbenzene isomer					CAS #:		
4.860	10962230	105.284752	210	0		0	79
Ethyldimethylbenzene isomer-2					CAS #:		
4.884	3322513	31.9104789	65	0		0	79

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8527.d
Report Date: 11-Mar-2010 15:36

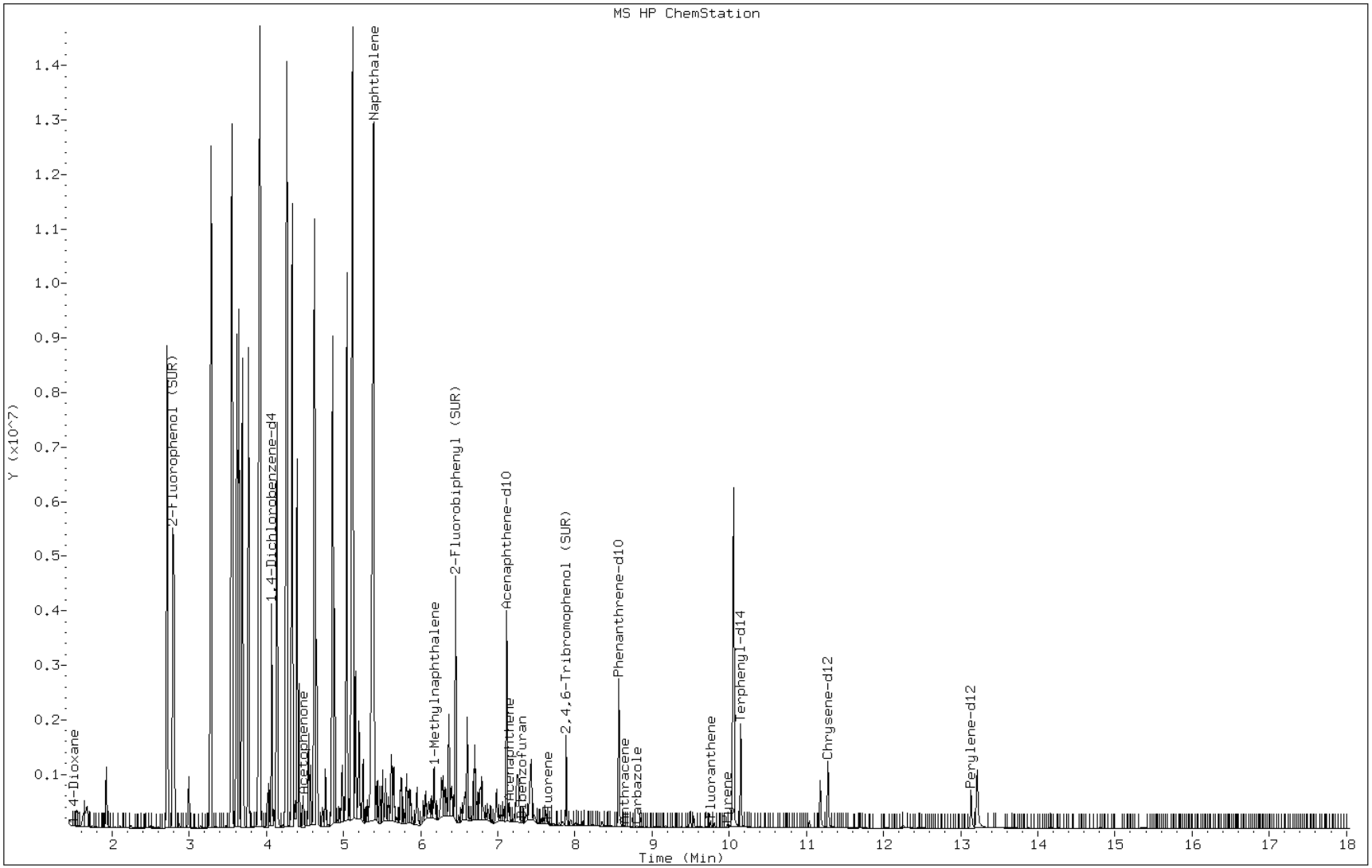
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
C10H12 Aromatic					CAS #:		
5.042	12147407	116.667579	240	0		0	79
C10H12 Aromatic-2					CAS #:		
5.119	20785340	199.629037	410	0		0	79
1H-Indene, 1-methyl-					CAS #: 767-59-9		
5.154	3299217	31.6867355	65	95	NIST02.l	12668	79
Unknown-2					CAS #:		
7.266	2128519	23.3370167	48	0		0	82
Phenol, 4,4'-(1-methylethylidene)bis-					CAS #: 80-05-7		
10.054	7809937	227.864230	460	98	NIST02.l	75157	81

Data File: z8527.d

Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4



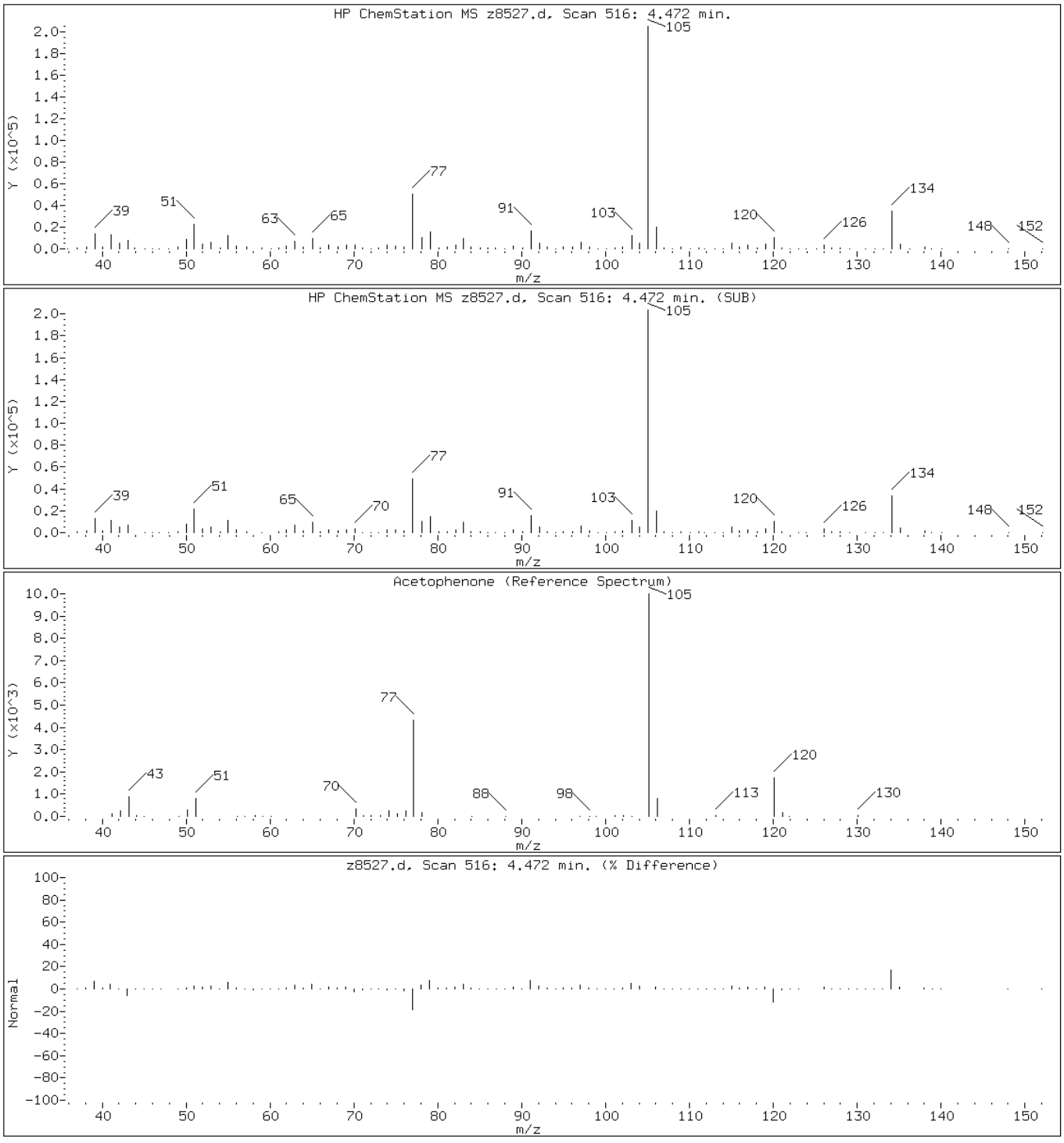
Data File: z8527.d

Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

104 Acetophenone



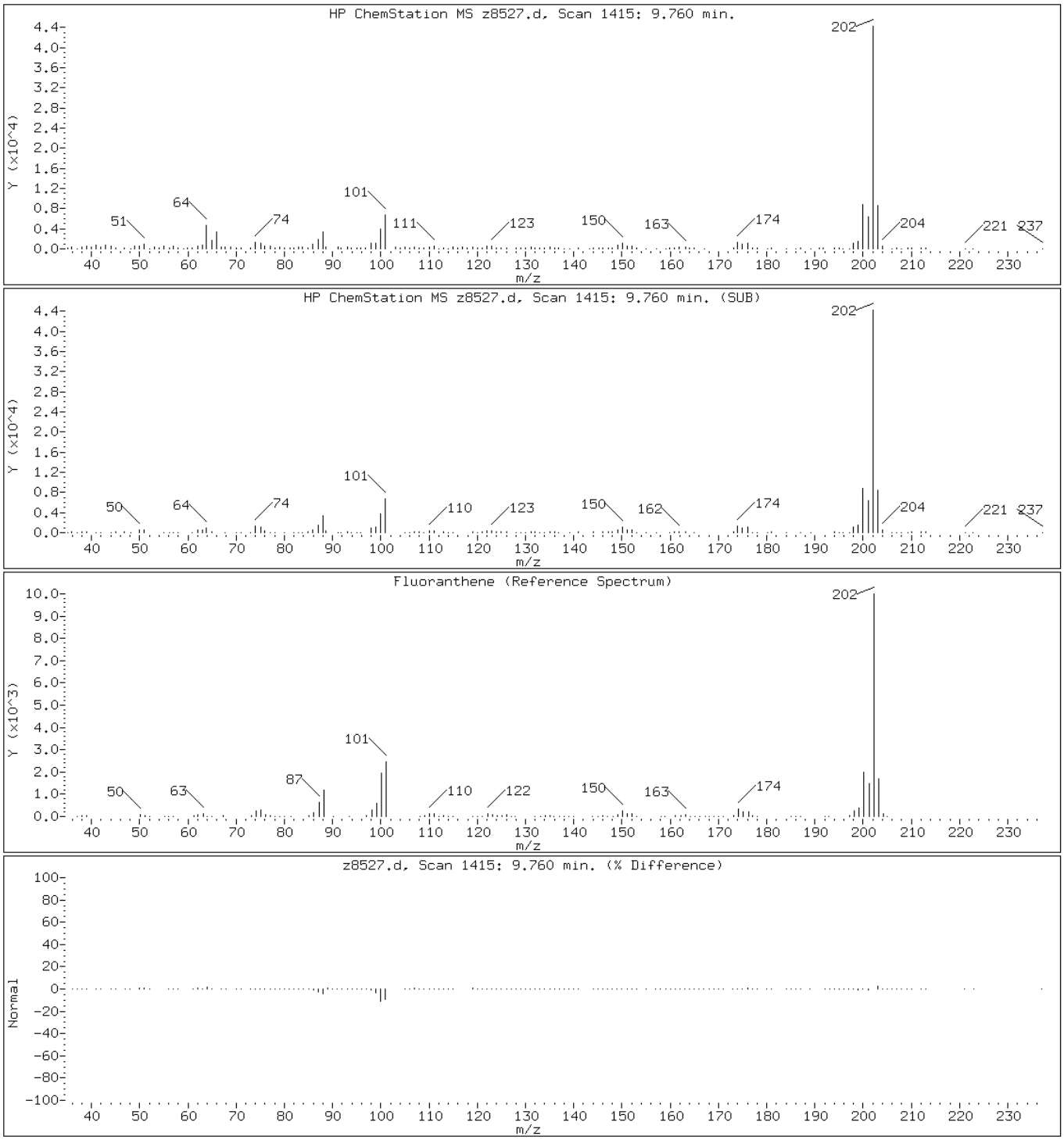
Data File: z8527.d

Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

56 Fluoranthene



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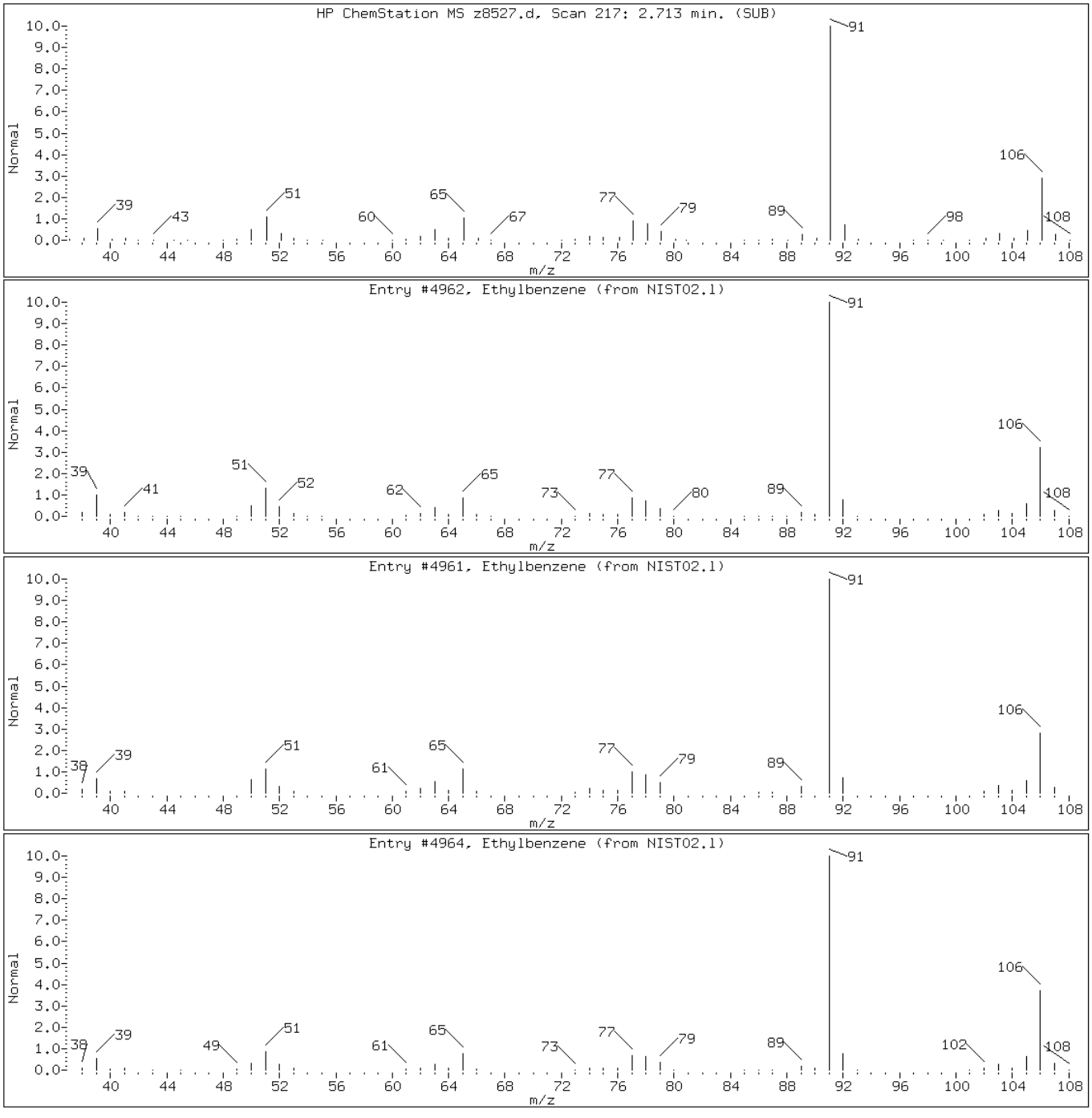
Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

Retention Time: 2.71

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylbenzene	100-41-4	NIST02.l	4962	95	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4961	95	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4964	94	C8H10	106



Data File: z8527.d

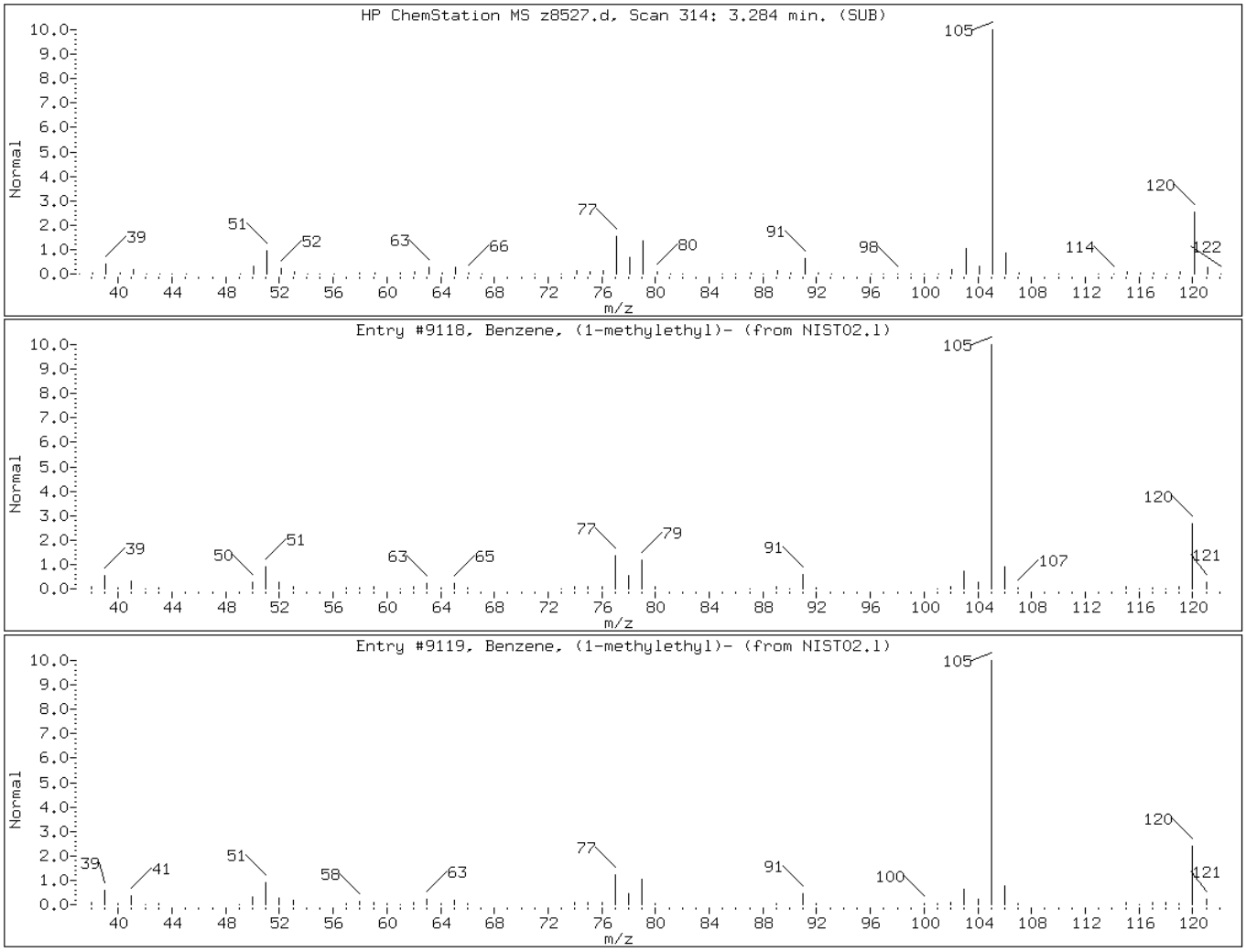
Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

Retention Time: 3.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9118	94	C9H12	120
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9119	94	C9H12	120



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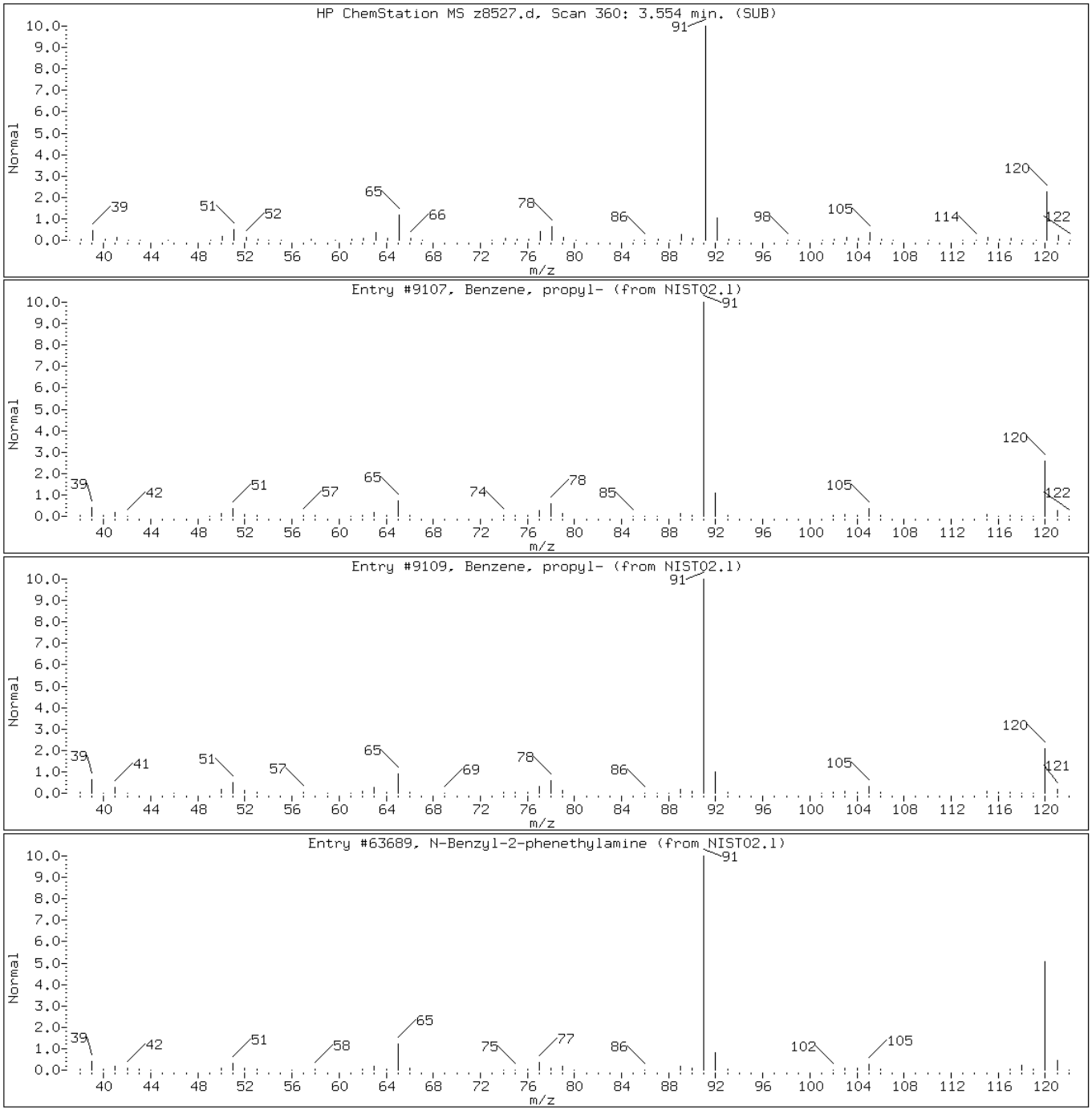
Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

Retention Time: 3.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, propyl-	103-65-1	NIST02.l	9107	90	C9H12	120
Benzene, propyl-	103-65-1	NIST02.l	9109	90	C9H12	120
N-Benzyl-2-phenethylamine	3647-71-0	NIST02.l	63689	78	C15H17N	211



Data File: z8527.d

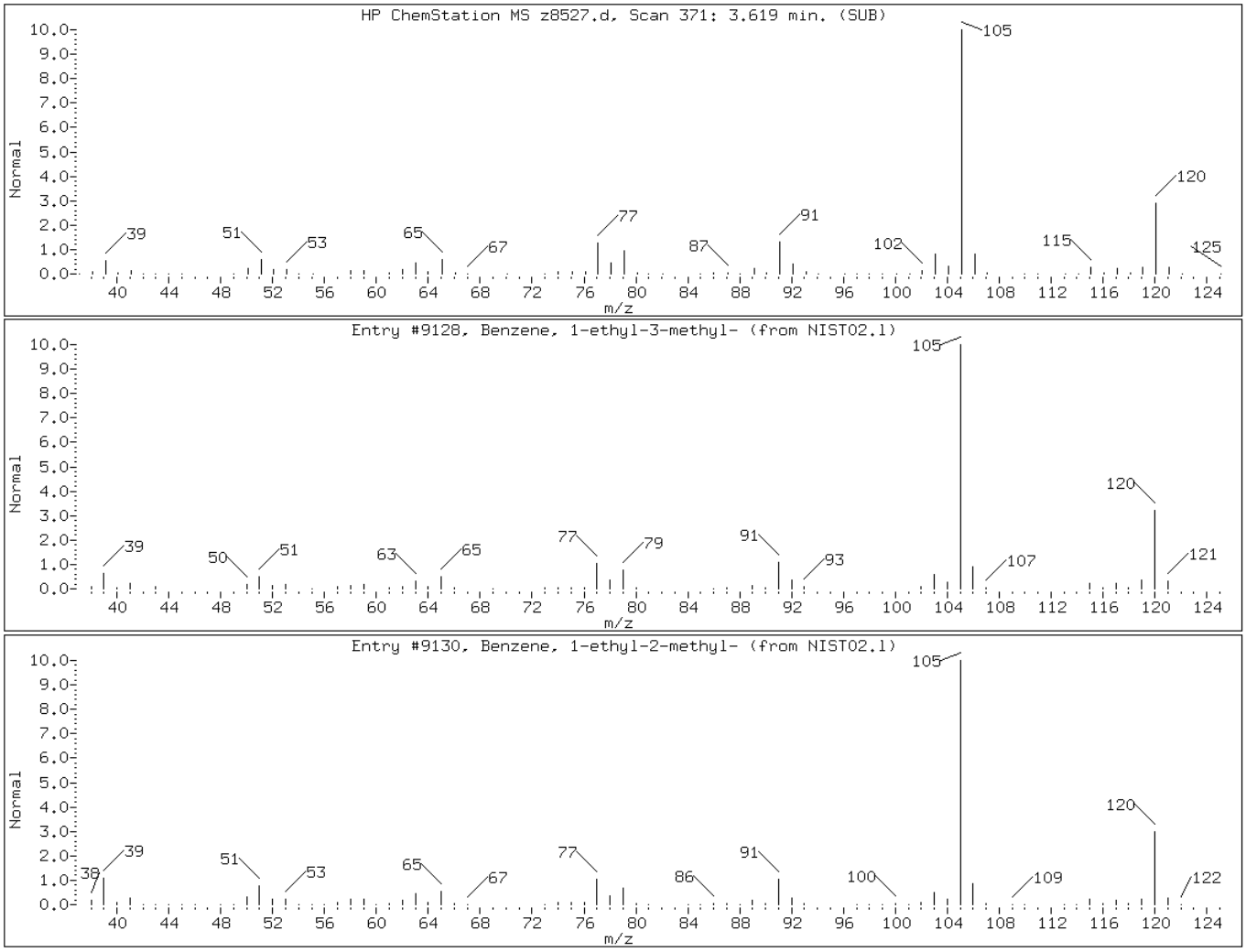
Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

Retention Time: 3.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer-2						
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.l	9128	95	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.l	9130	95	C9H12	120



Data File: z8527.d

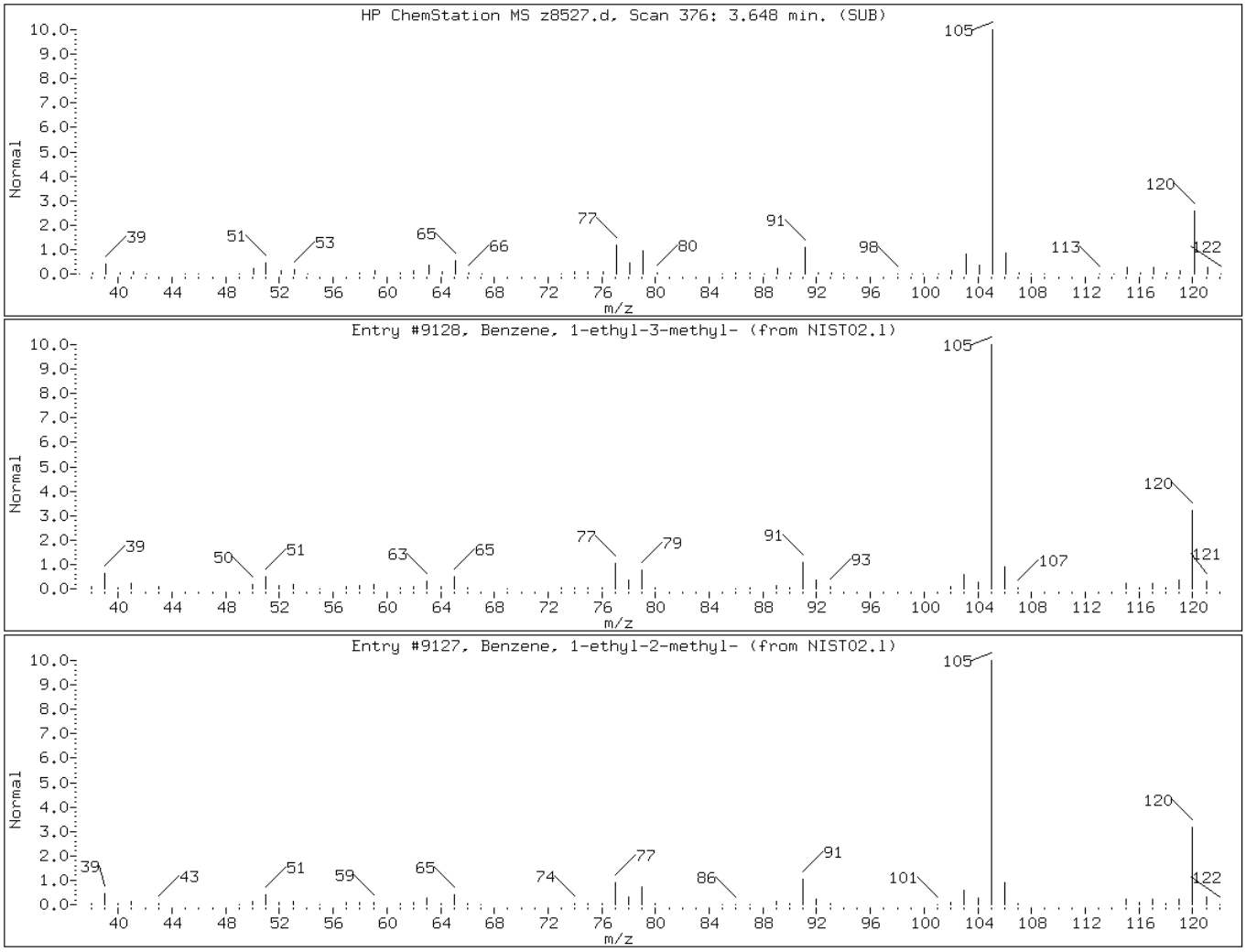
Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

Retention Time: 3.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer-3						
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.l	9128	91	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.l	9127	91	C9H12	120



Data File: z8527.d

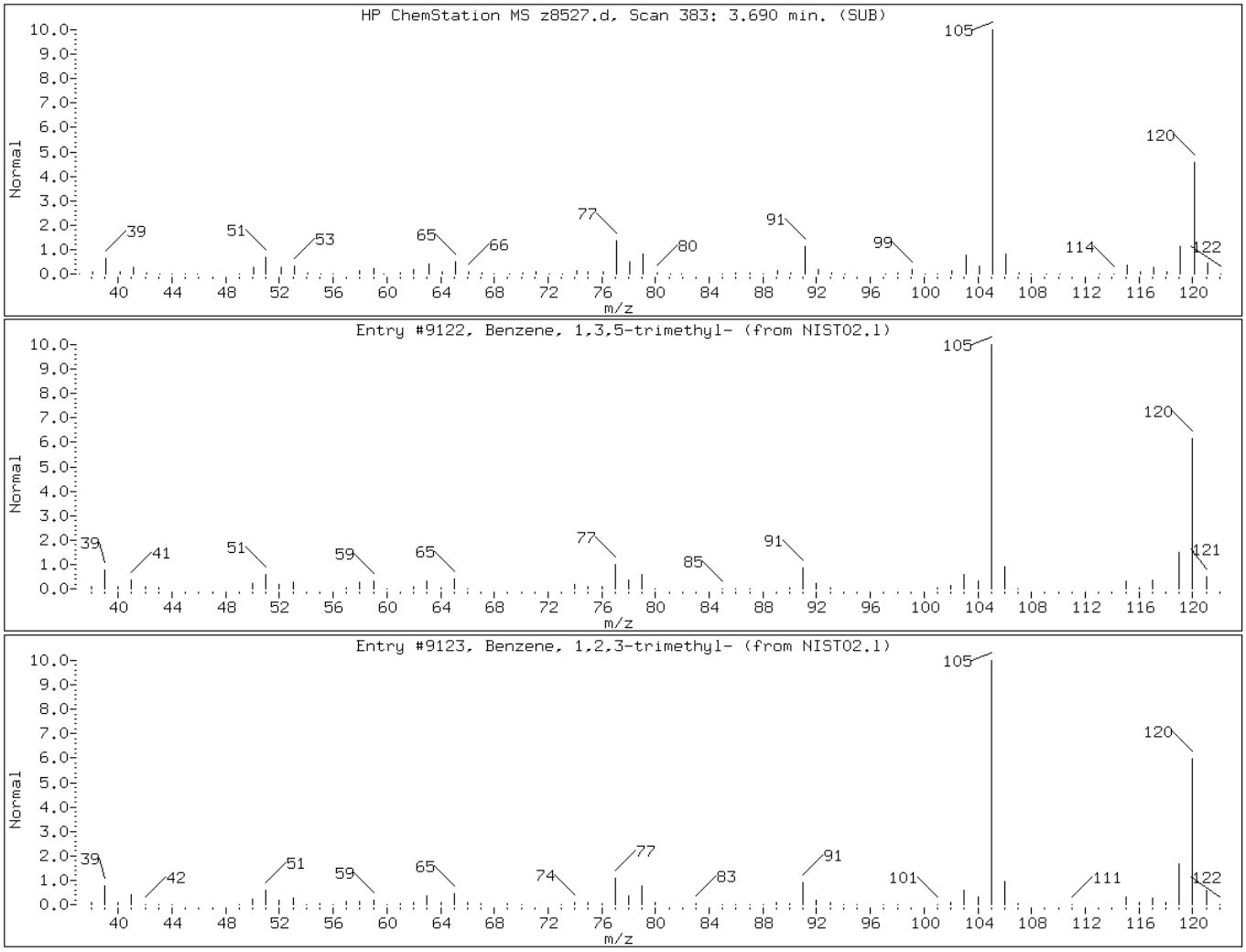
Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

Retention Time: 3.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.l	9122	97	C9H12	120
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9123	97	C9H12	120



Data File: z8527.d

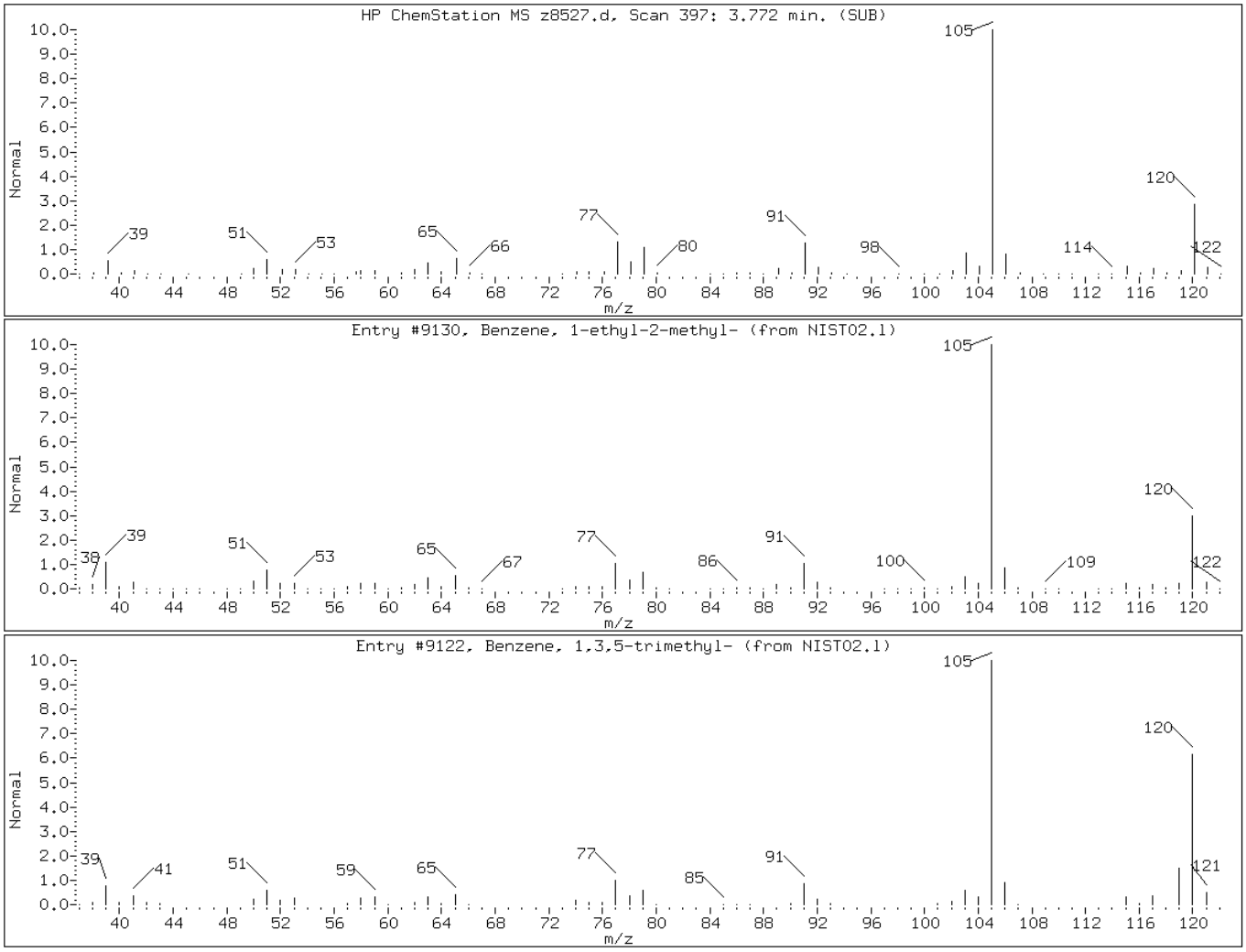
Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

Retention Time: 3.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer4						
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.l	9130	94	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.l	9122	91	C9H12	120



Data File: z8527.d

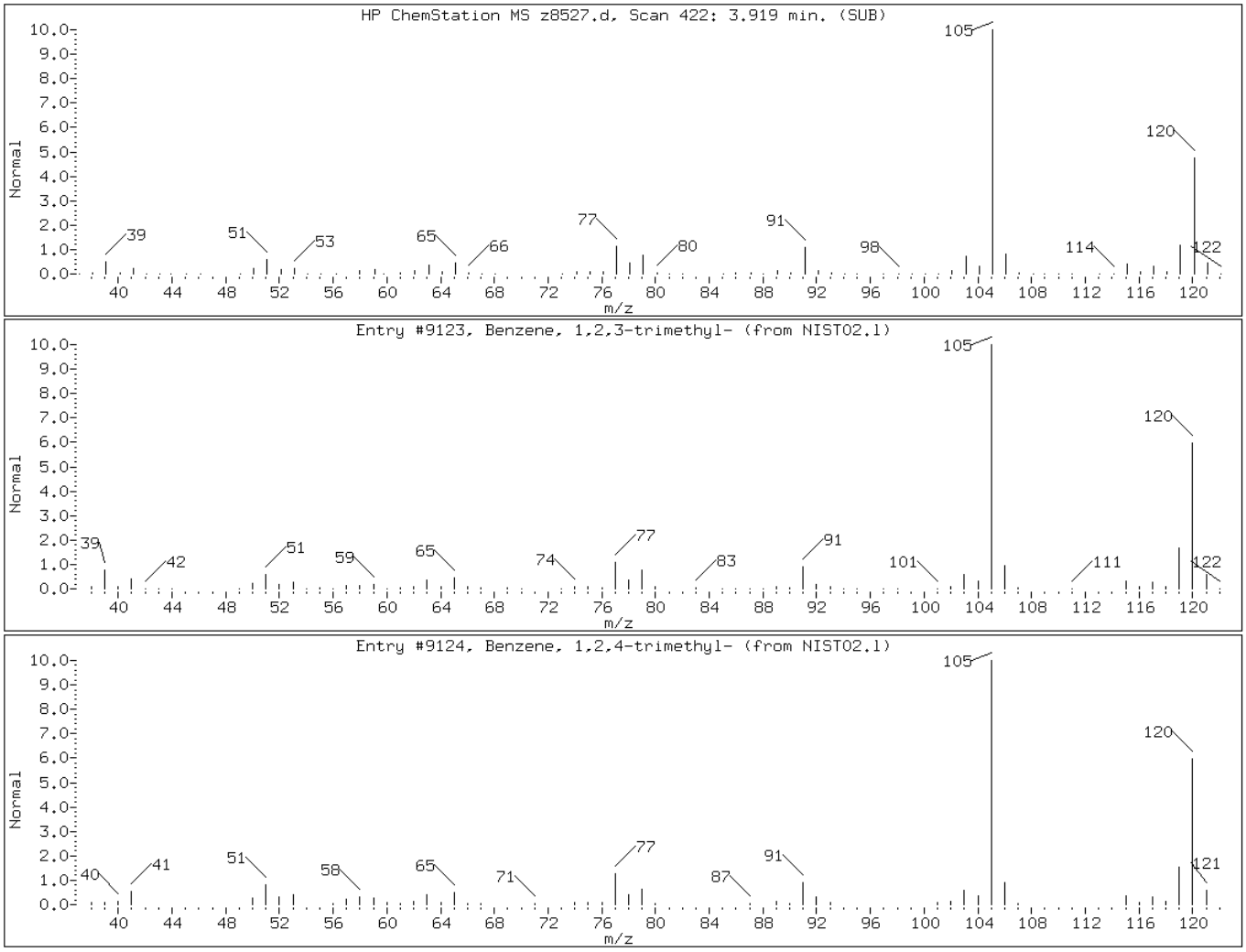
Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

Retention Time: 3.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer-2						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9123	97	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.l	9124	95	C9H12	120



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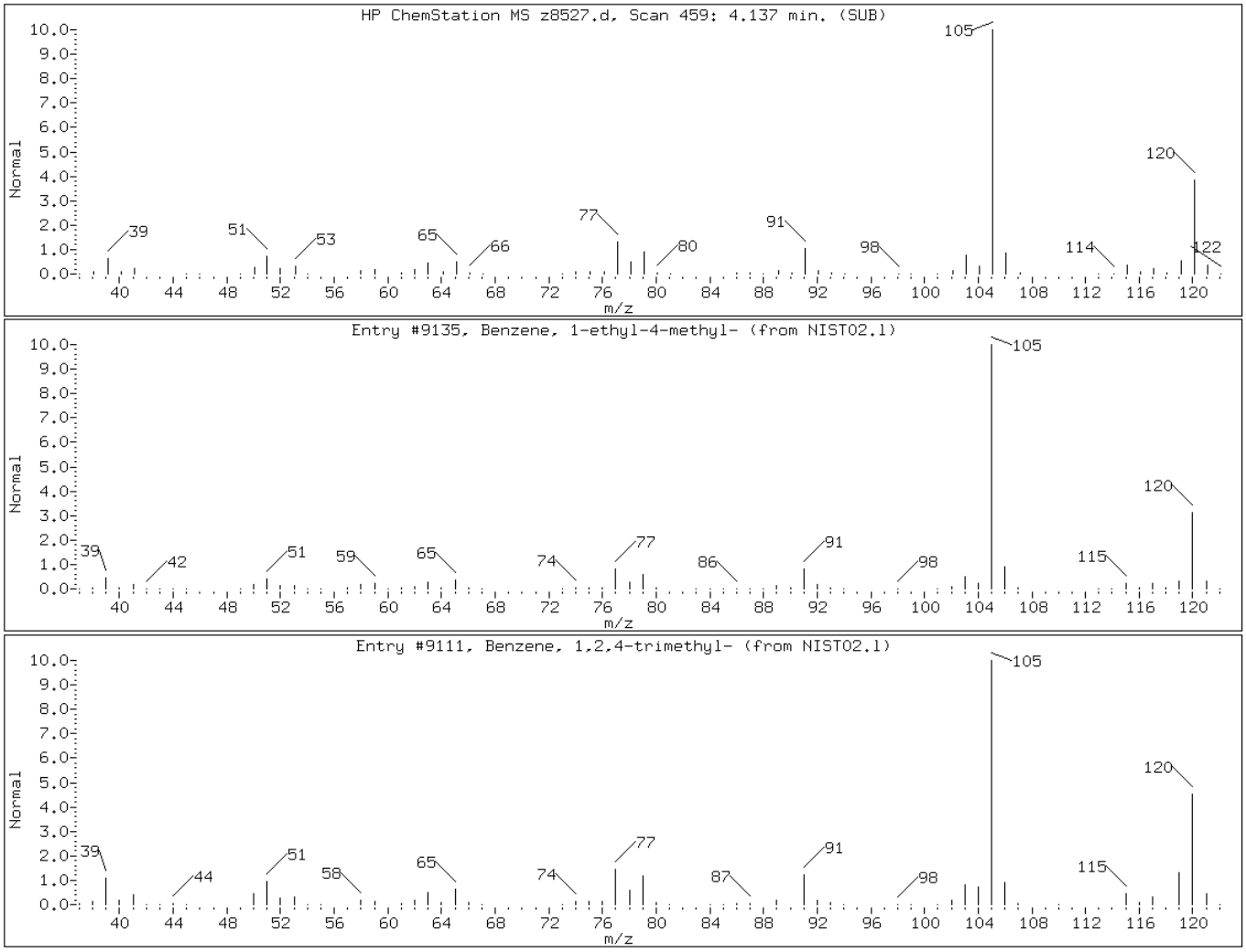
Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

Retention Time: 4.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer-5						
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.l	9135	94	C9H12	120
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.l	9111	94	C9H12	120



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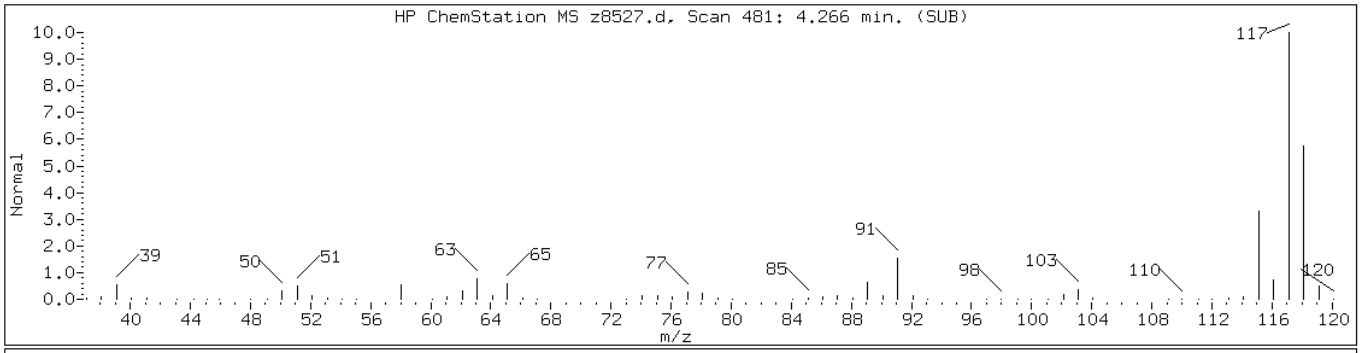
Date: 06-MAR-2010 06:18

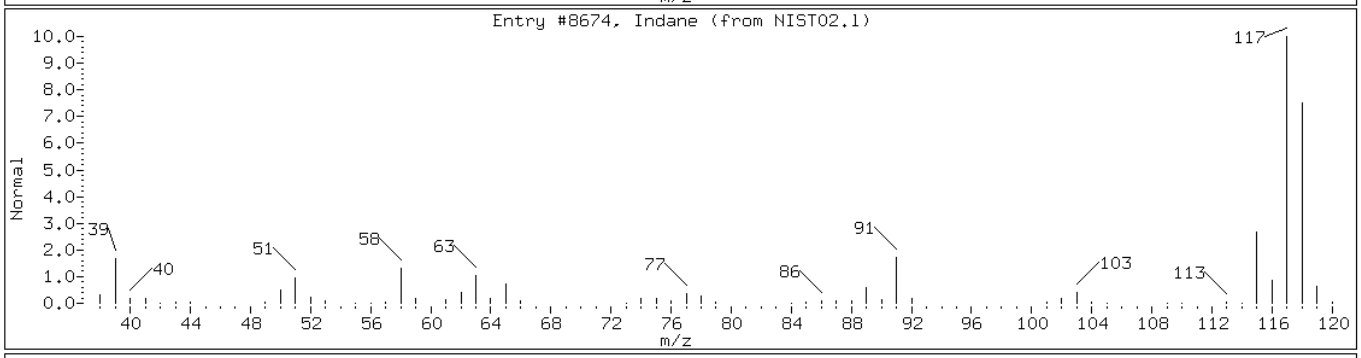
Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

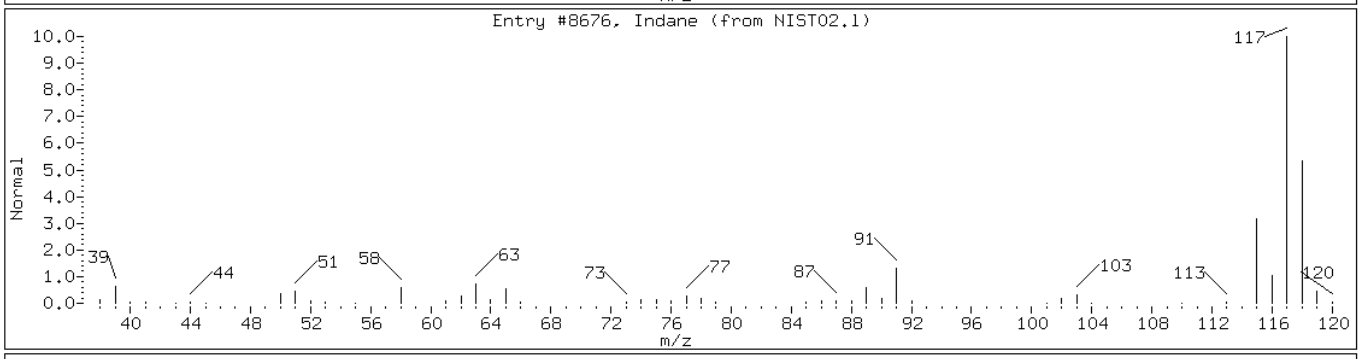
Sample Info: 460-10889-F-13-A Operator: BNAMS 4

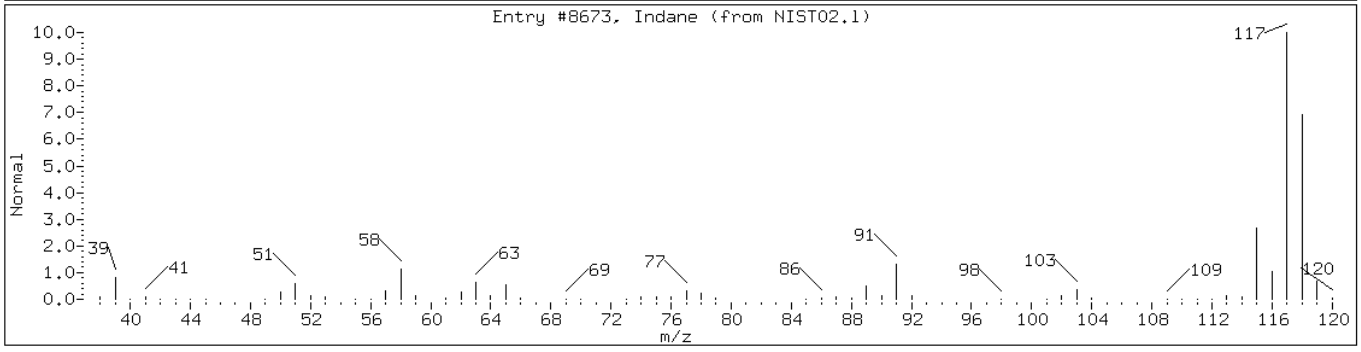
Retention Time: 4.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8674	91	C9H10	118
Indane	496-11-7	NIST02.l	8676	91	C9H10	118
Indane	496-11-7	NIST02.l	8673	87	C9H10	118









Data File: z8527.d

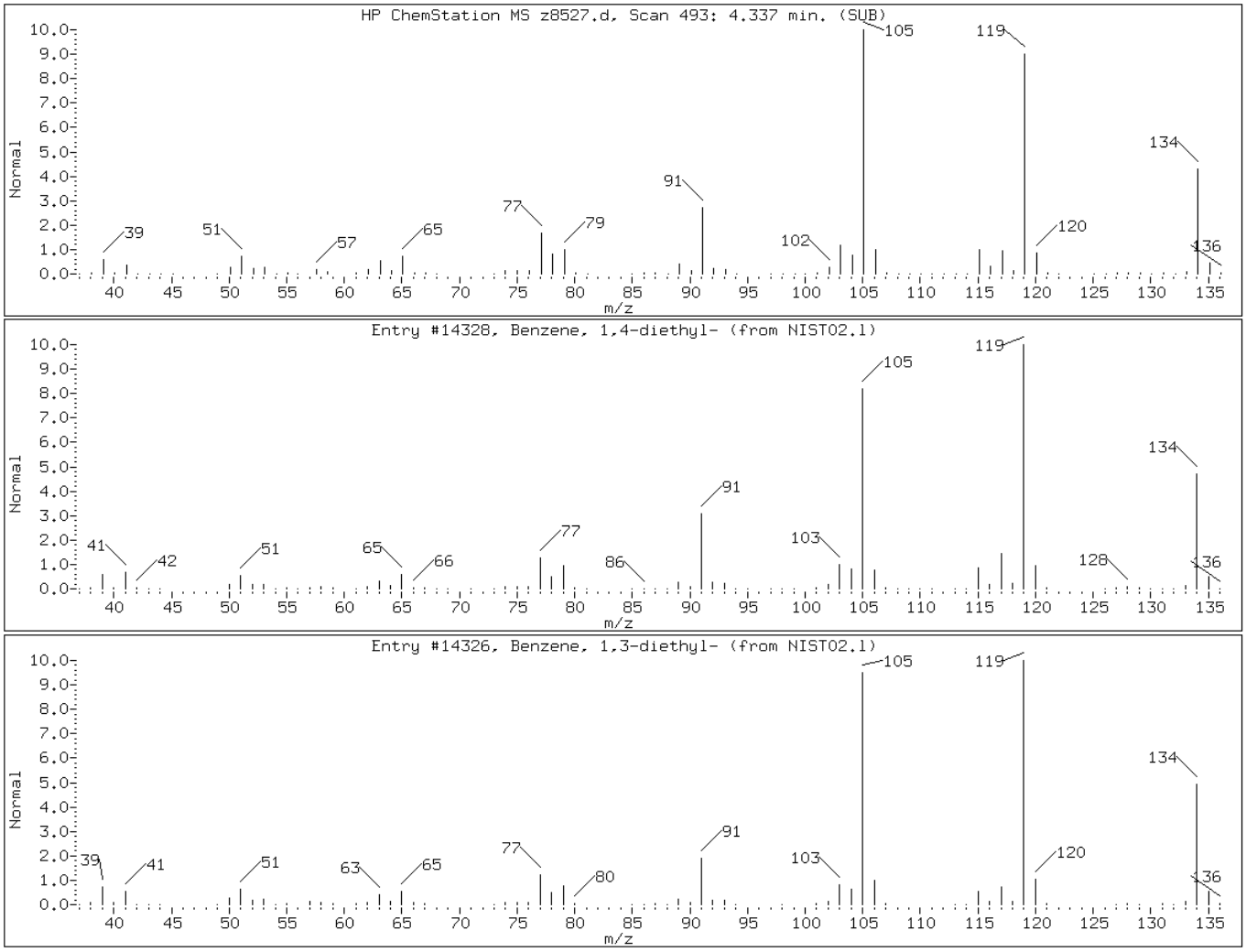
Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

Retention Time: 4.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer						
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14328	95	C10H14	134
Benzene, 1,3-diethyl-	141-93-5	NIST02.l	14326	94	C10H14	134



Data File: z8527.d

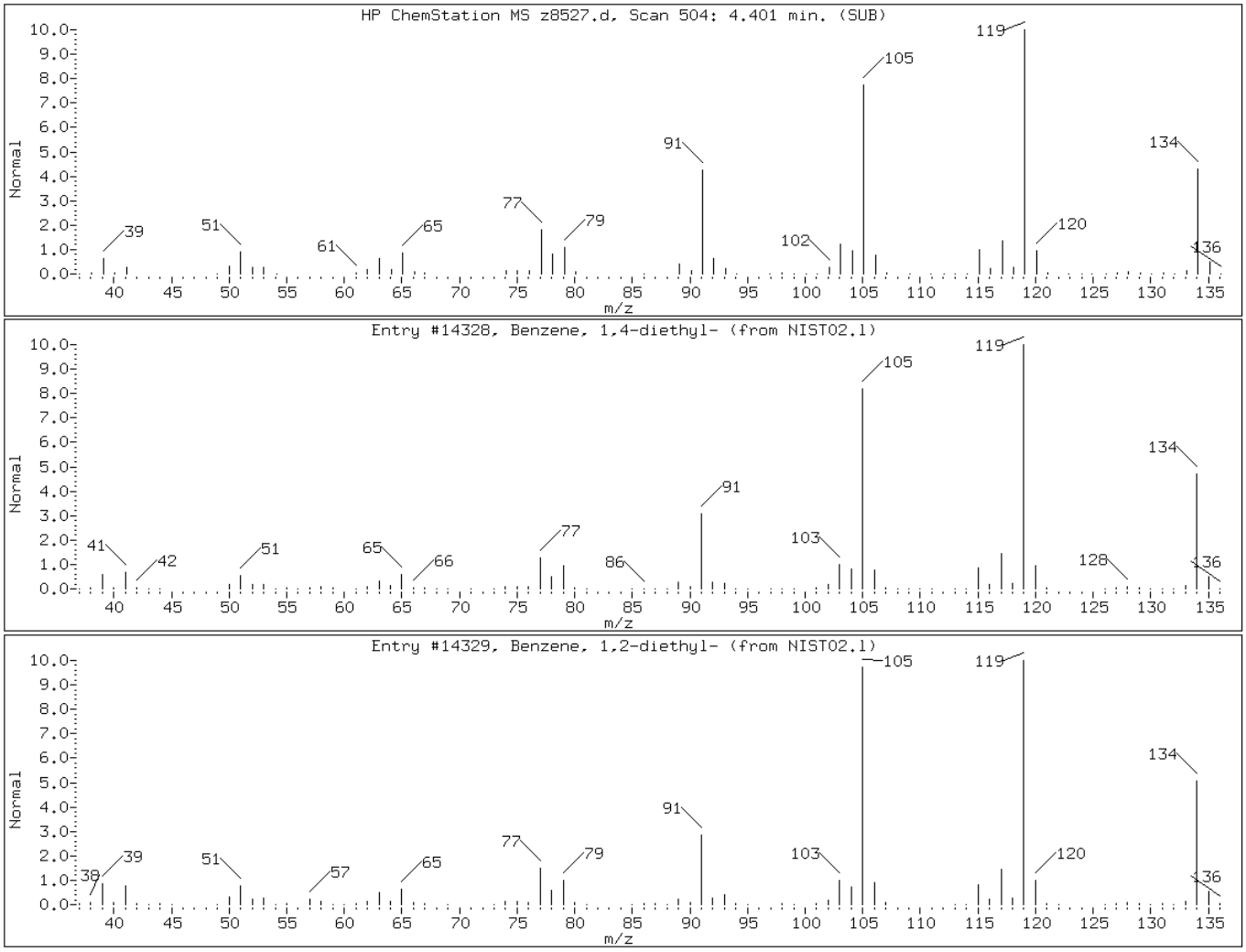
Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

Retention Time: 4.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer-2						
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14328	96	C10H14	134
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14329	96	C10H14	134



Data File: z8527.d

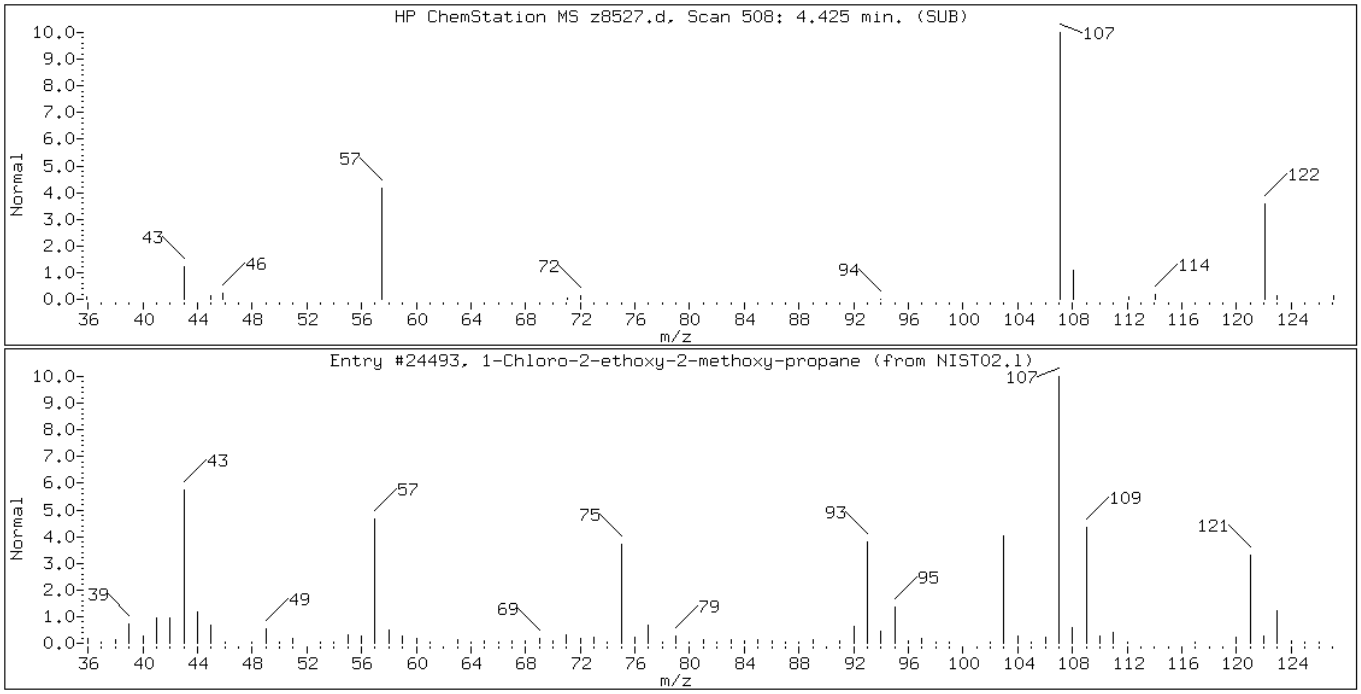
Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

Retention Time: 4.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Chloro-2-ethoxy-2-methoxy-propan	1000193-67-3	NIST02.l	24493	36	C6H13ClO2	152



Data File: z8527.d

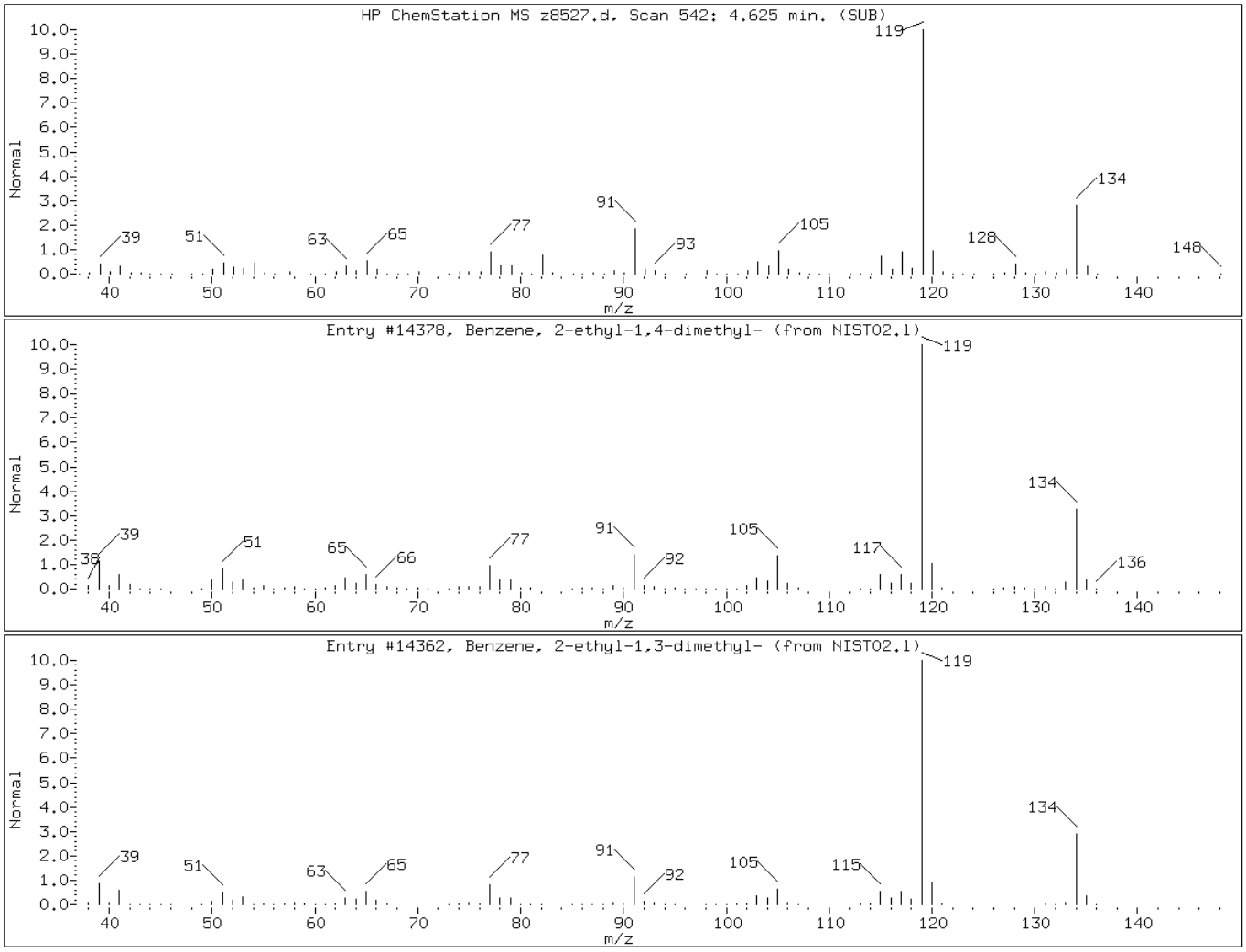
Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

Retention Time: 4.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14378	95	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14362	95	C10H14	134



Data File: z8527.d

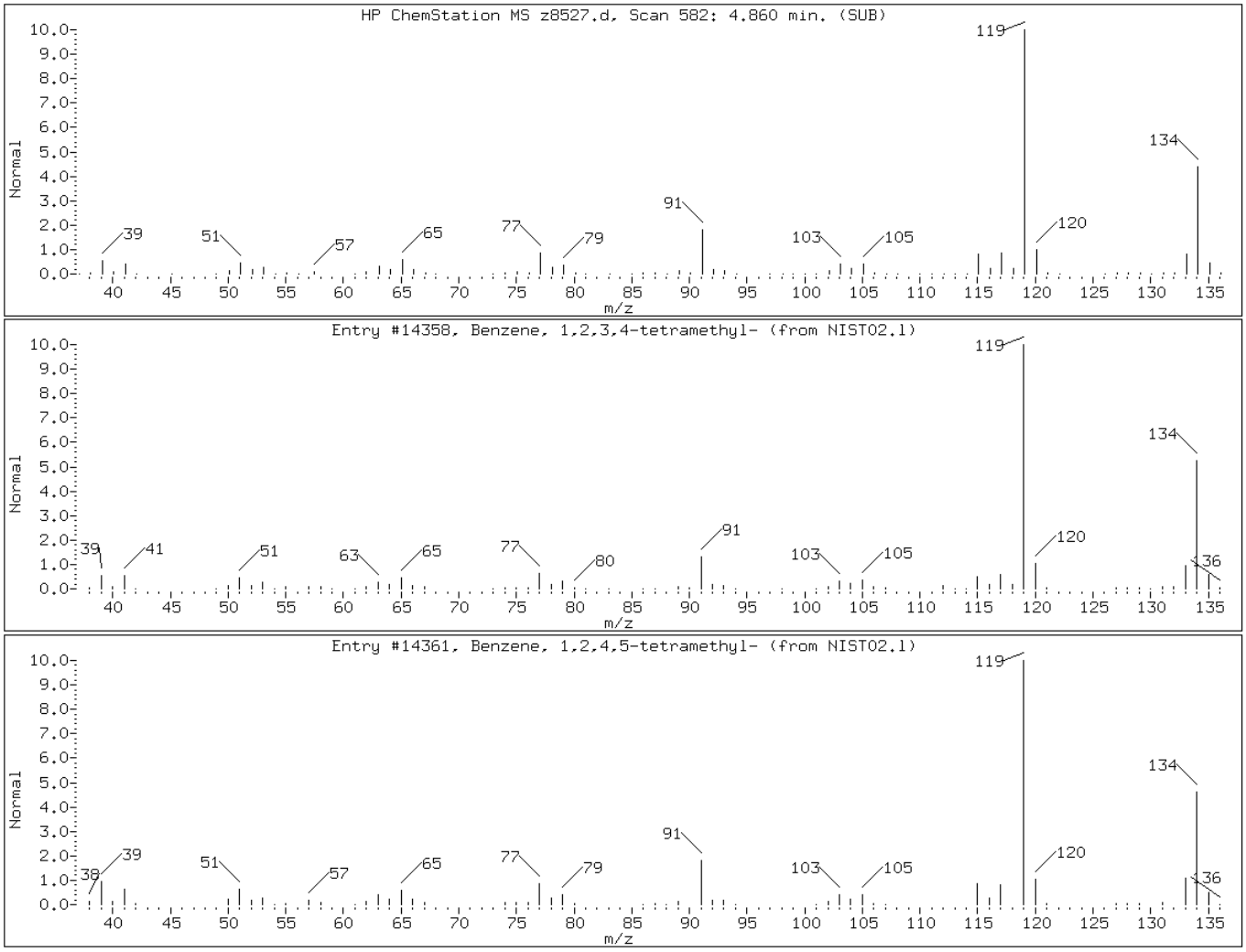
Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

Retention Time: 4.86

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14358	96	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	96	C10H14	134



Data File: z8527.d

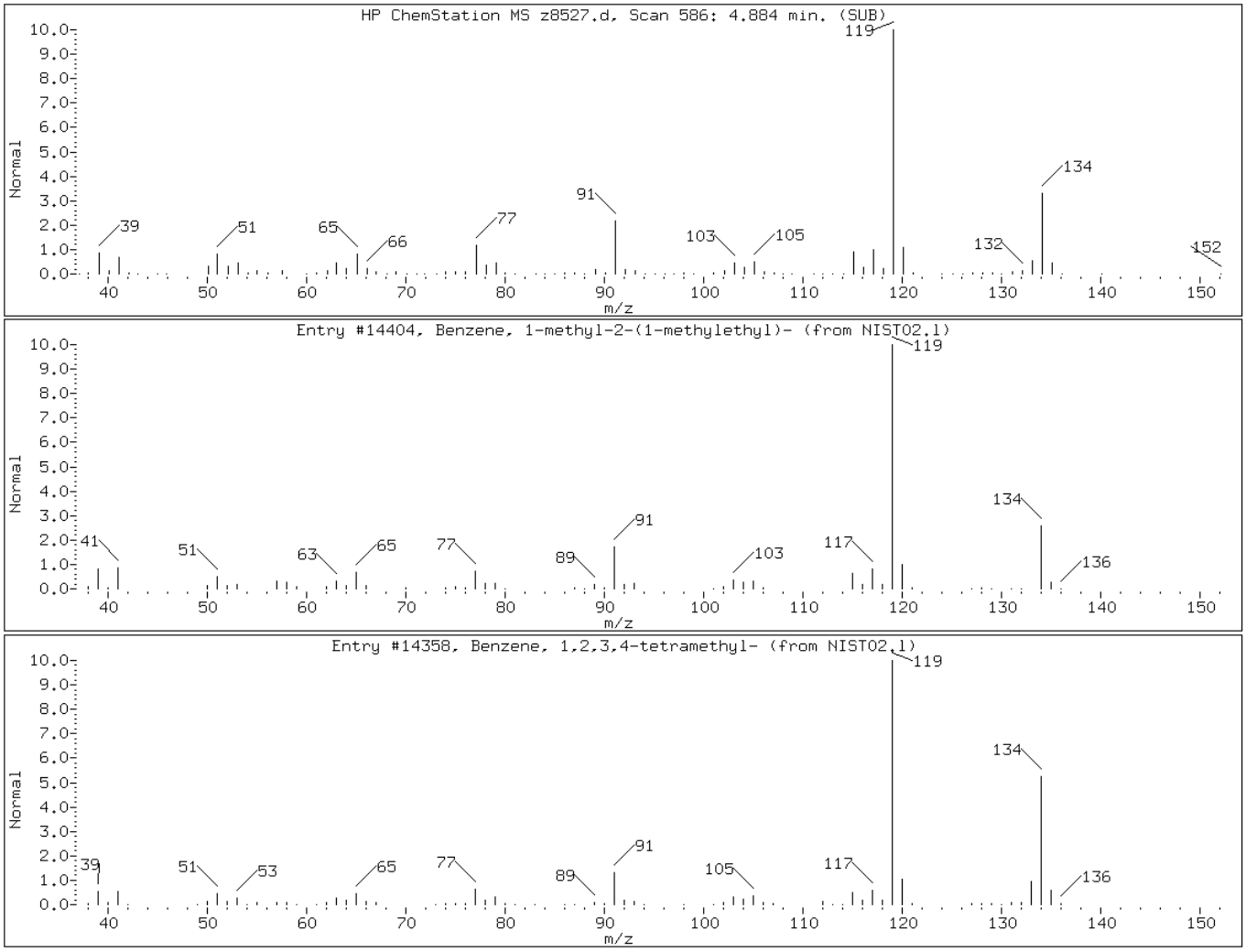
Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

Retention Time: 4.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-2						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	97	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14358	95	C10H14	134



Data File: z8527.d

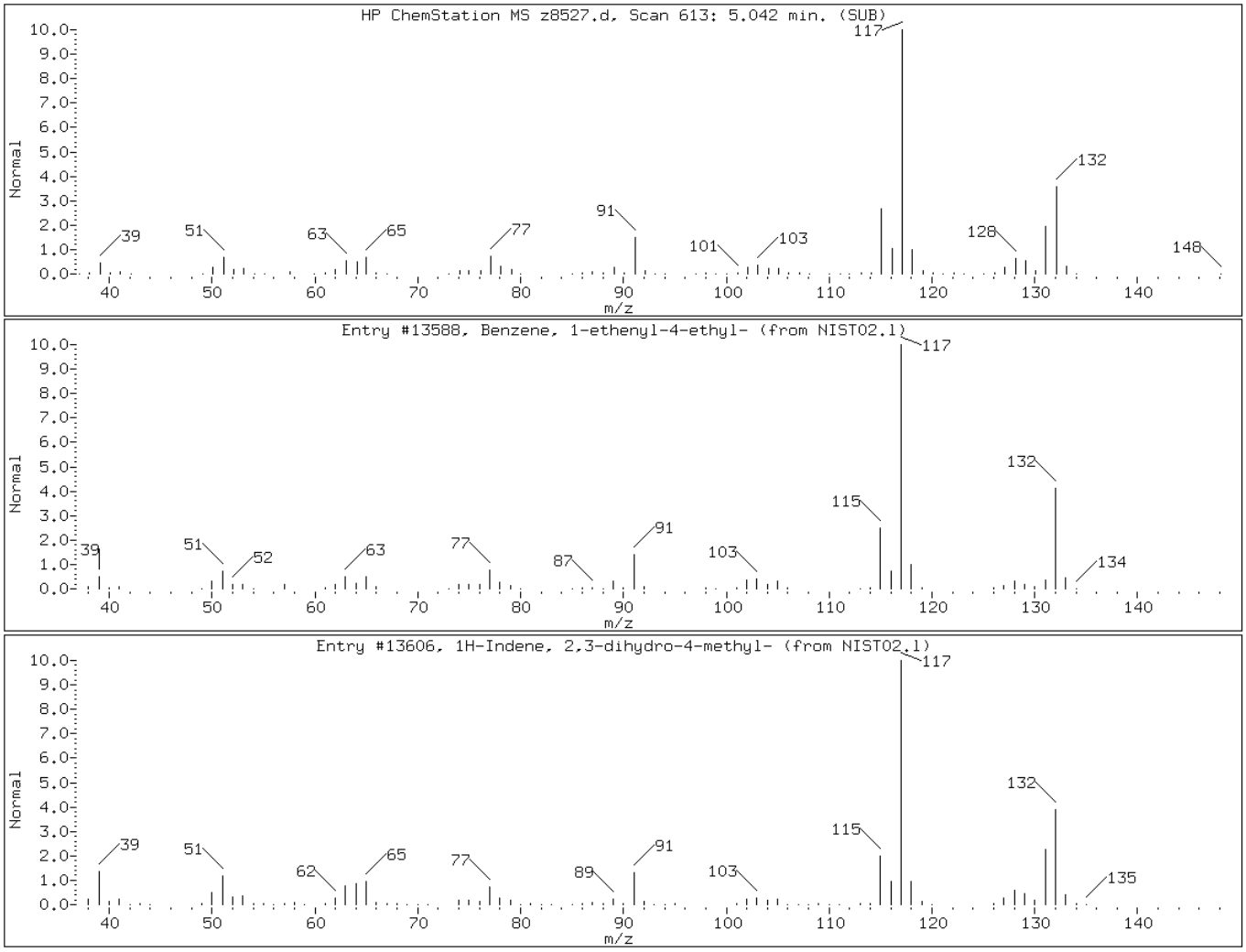
Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

Retention Time: 5.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	94	C10H12	132
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.l	13606	93	C10H12	132



Data File: z8527.d

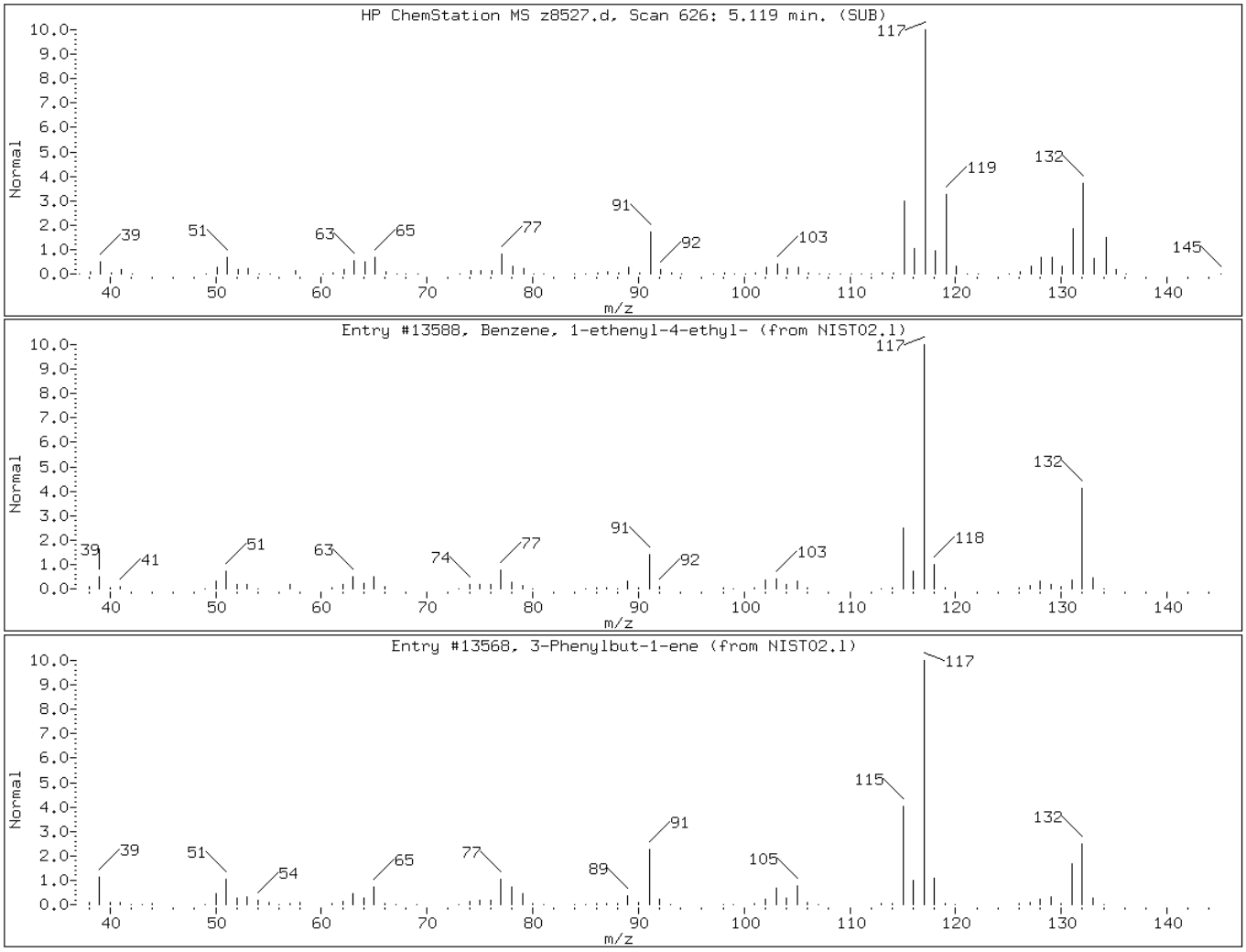
Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

Retention Time: 5.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic-2						
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	93	C10H12	132
3-Phenylbut-1-ene	934-10-1	NIST02.l	13568	91	C10H12	132



Data File: z8527.d

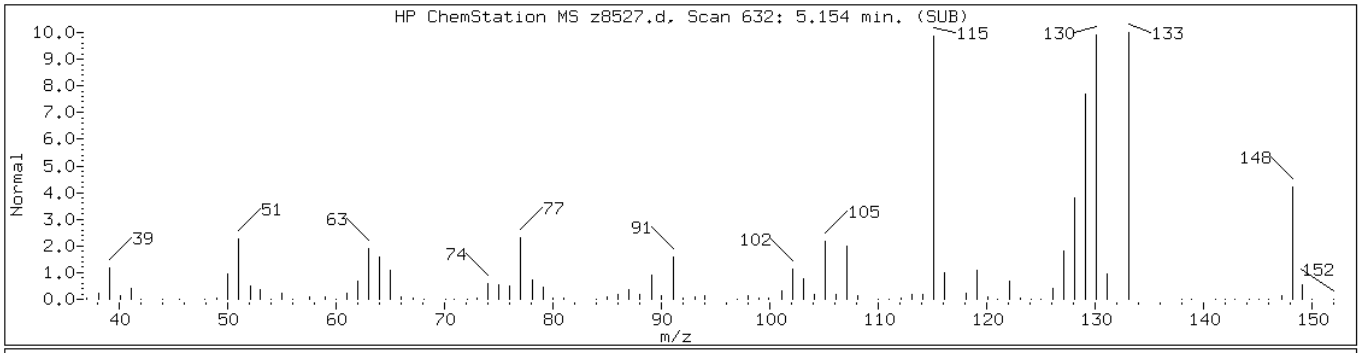
Date: 06-MAR-2010 06:18

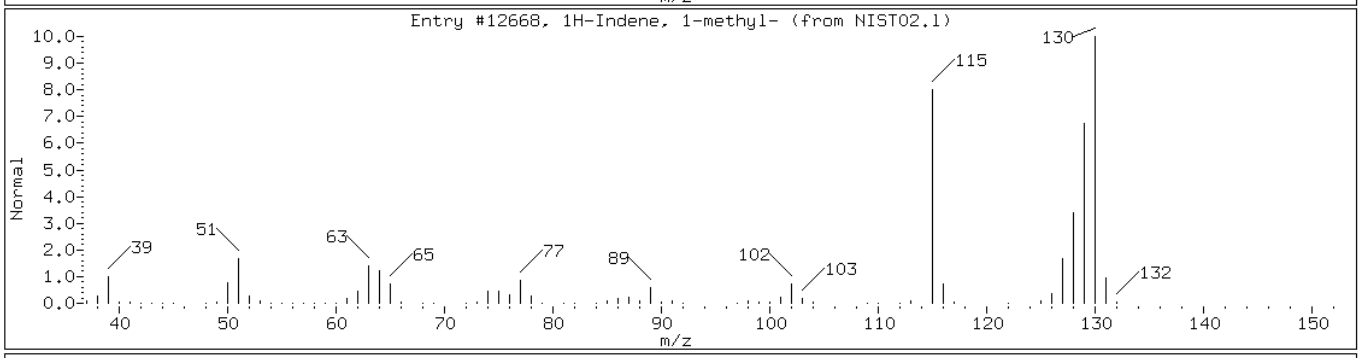
Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

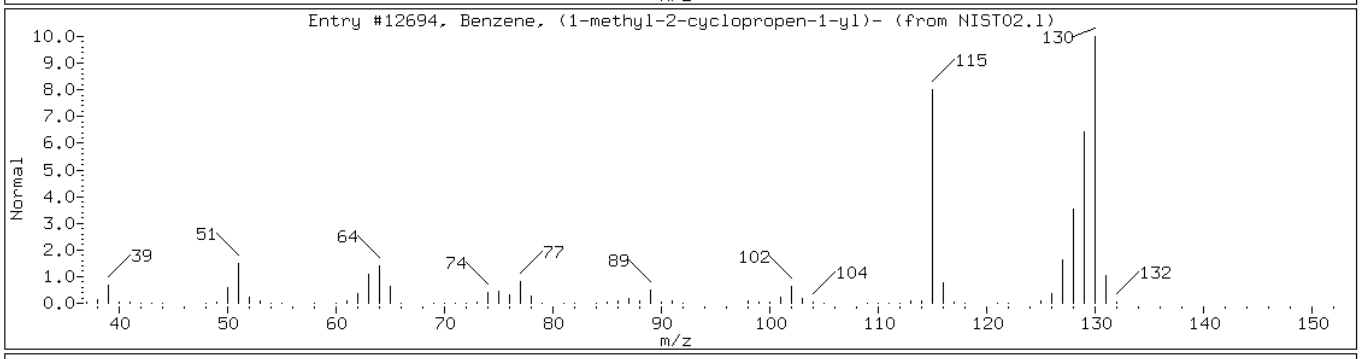
Sample Info: 460-10889-F-13-A Operator: BNAMS 4

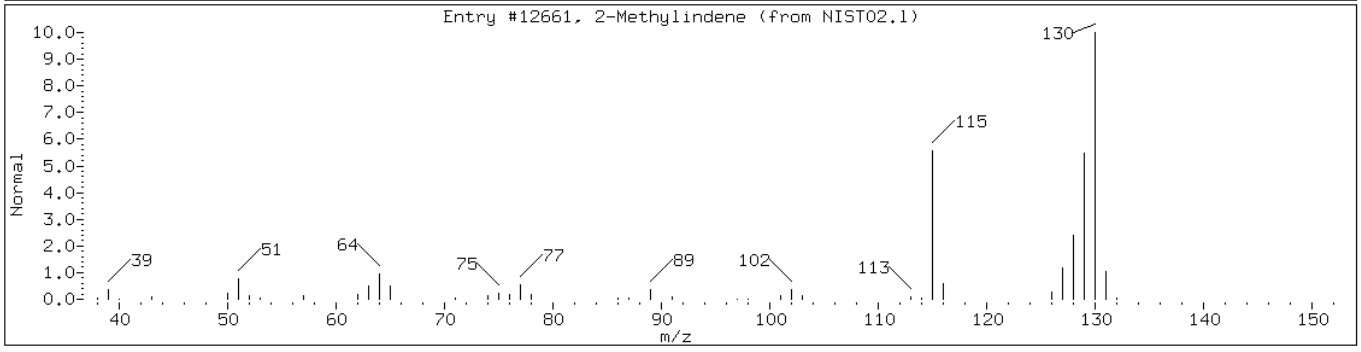
Retention Time: 5.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1H-Indene, 1-methyl-	767-59-9	NIST02.l	12668	95	C10H10	130
Benzene, (1-methyl-2-cyclopropen-1	65051-83-4	NIST02.l	12694	92	C10H10	130
2-Methylindene	2177-47-1	NIST02.l	12661	91	C10H10	130









Data File: z8527.d

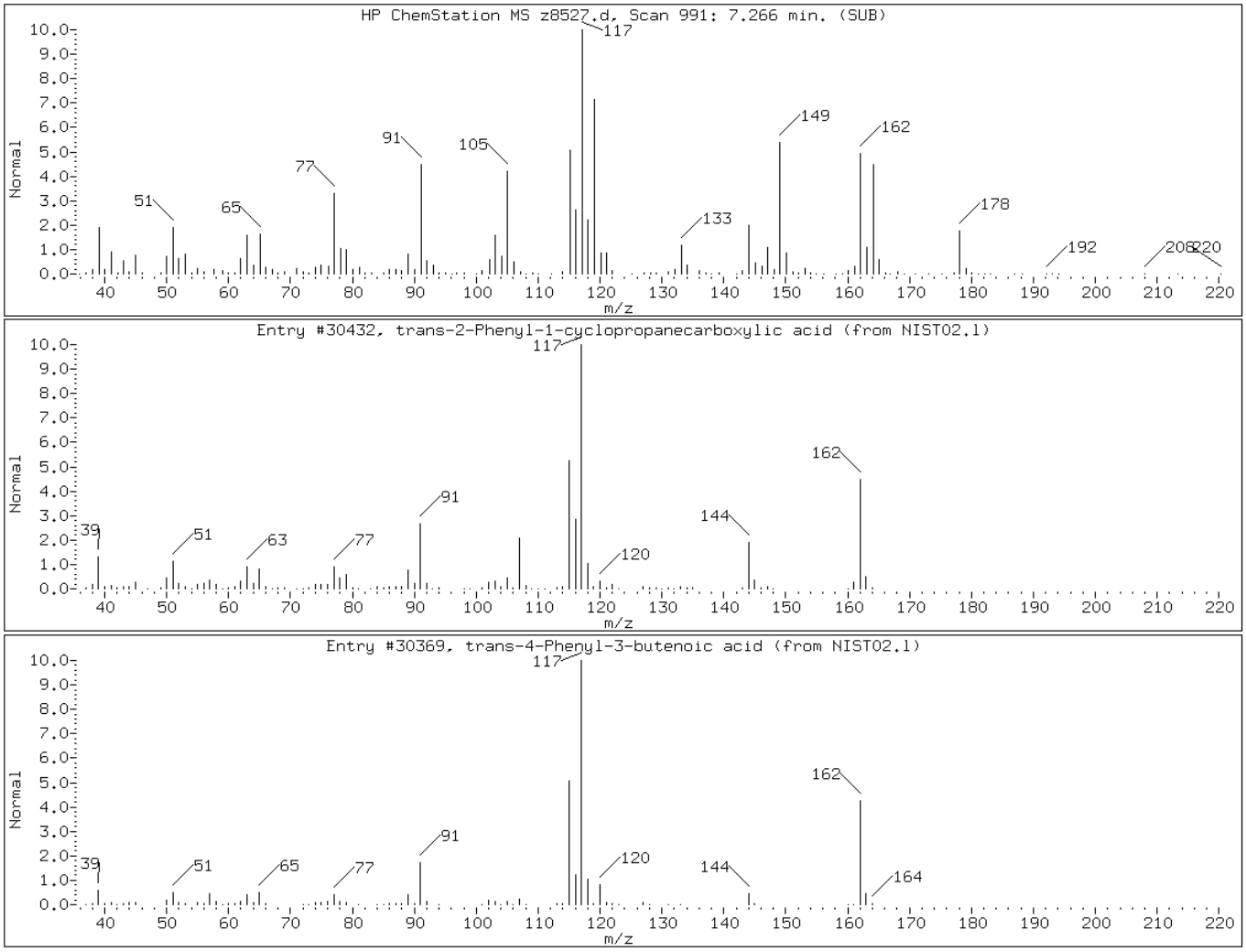
Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

Retention Time: 7.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
trans-2-Phenyl-1-cyclopropanecarbo	939-90-2	NIST02.l	30432	55	C10H10O2	162
trans-4-Phenyl-3-butenoic acid	1914-58-5	NIST02.l	30369	43	C10H10O2	162



Data File: z8527.d

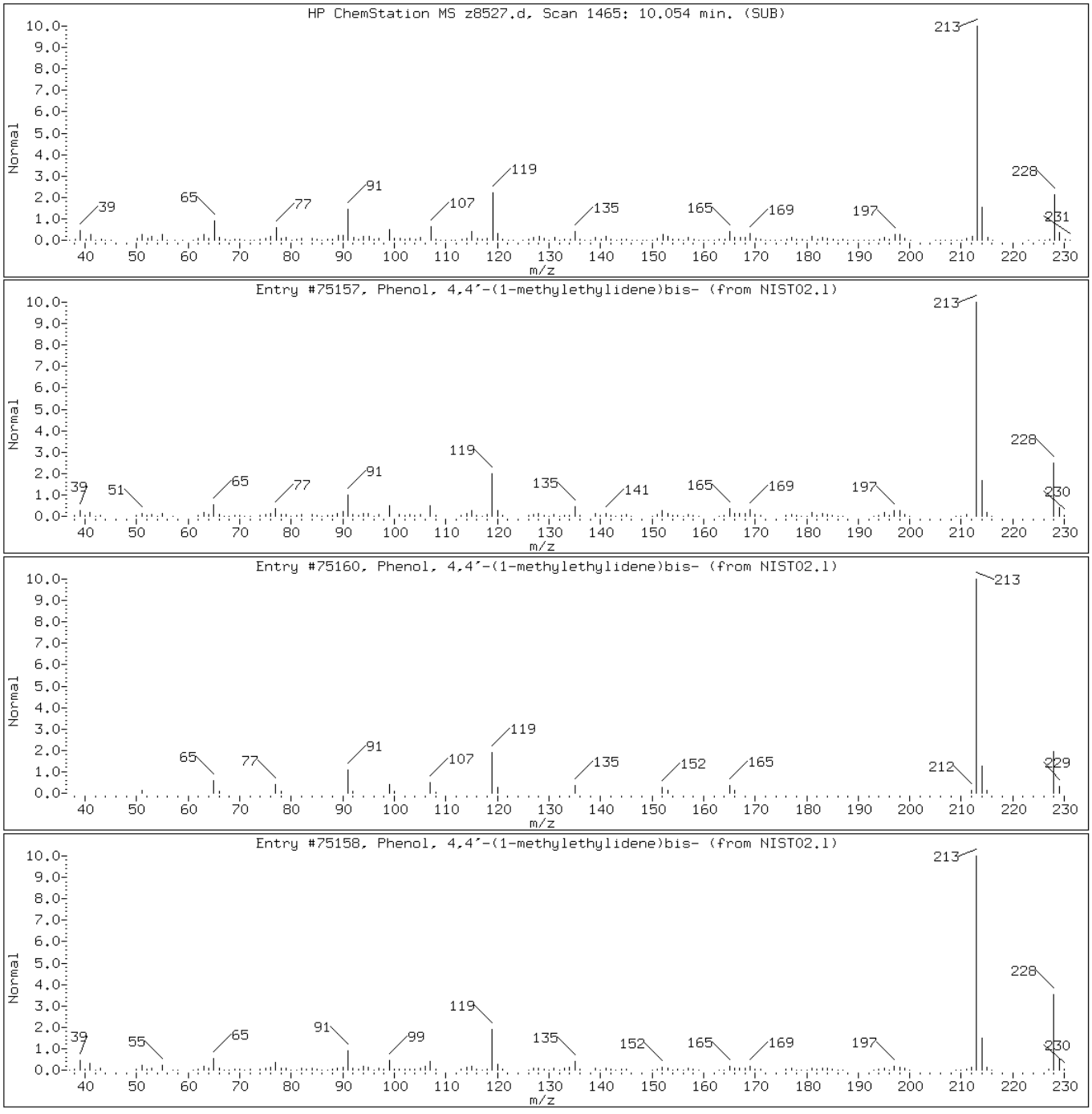
Date: 06-MAR-2010 06:18

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

Retention Time: 10.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenol, 4,4'-(1-methylethylidene)b	80-05-7	NIST02.l	75157	98	C15H16O2	228
Phenol, 4,4'-(1-methylethylidene)b	80-05-7	NIST02.l	75160	98	C15H16O2	228
Phenol, 4,4'-(1-methylethylidene)b	80-05-7	NIST02.l	75158	94	C15H16O2	228



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-013 | Lab Sample ID: 460-10889-13 DL

Matrix: GW | Lab File ID: z8562.d

Analysis Method: 8270C | Date Collected: 03/02/2010 15:45

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/07/2010 20:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	340		20	7.5

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	101	50-119	
321-60-8	2-Fluorobiphenyl	92	61-112	
367-12-4	2-Fluorophenol (Surr)	40	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	79	61-120	
4165-62-2	Phenol-d5 (Surr)	26	9-48	
1718-51-0	Terphenyl-d14 (Surr)	76	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-013 | Lab Sample ID: 460-10889-13 DL

Matrix: GW | Lab File ID: z8562.d

Analysis Method: 8270C | Date Collected: 03/02/2010 15:45

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/07/2010 20:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8562.d
Report Date: 09-Mar-2010 12:56

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8562.d
Lab Smp Id: 460-10889-F-13-A Client Smp ID: GW-017338-030210-AC
Inj Date : 07-MAR-2010 20:30
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-13-A
Misc Info : 460-10889-F-13-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/8270Cdel_08.m
Meth Date : 09-Mar-2010 12:32 croccom Quant Type: ISTD
Cal Date : 07-MAR-2010 15:08 Cal File: z8549.d
Als bottle: 15
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.766	2.766	(0.683)	240933	9.90801	40
$ 17 Phenol-d5 (SUR)	99	3.678	3.701	(0.908)	181919	6.37788	26
* 79 1,4-Dichlorobenzene-d4	152	4.048	4.048	(1.000)	617208	40.0000	
4 4-Methylphenol	108	4.466	4.484	(1.103)	2099	0.13637	0.56(aH)
121 3 & 4 Methylphenol	108	4.466	4.484	(1.103)	2099	0.13637	0.56(aH)
104 Acetophenone	105	4.448	4.466	(1.099)	94365	3.66224	15(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.607	4.613	(0.863)	550715	19.8511	81
* 80 Naphthalene-d8	136	5.337	5.337	(1.000)	2191621	40.0000	
31 Naphthalene	128	5.360	5.360	(1.004)	4712467	82.5648	340
34 2-Methylnaphthalene	142	6.048	6.054	(1.133)	6603	0.20500	0.84(a)
120 1-Methylnaphthalene	142	6.142	6.154	(1.151)	29156	0.92560	3.8(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.419	6.431	(0.906)	812258	22.8798	93
* 82 Acenaphthene-d10	164	7.084	7.089	(1.000)	984903	40.0000	
42 Acenaphthene	154	7.113	7.119	(1.004)	17133	0.71646	2.9(a)
43 Dibenzofuran	168	7.284	7.289	(1.028)	6174	0.18554	0.76(a)

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8562.d
Report Date: 09-Mar-2010 12:56

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	47 Fluorene	166	7.619	7.625	(1.076)	6932	0.27874	1.1(a)
$	18 2,4,6-Tribromophenol (SUR)	330	7.854	7.866	(1.109)	109366	25.1952	100
*	83 Phenanthrene-d10	188	8.536	8.542	(1.000)	1197830	40.0000	
	52 Phenanthrene	178	8.560	8.566	(1.003)	16525	0.48103	2.0(a)
	53 Anthracene	178	8.607	8.619	(1.008)	6412	0.18451	0.75(a)
	54 Carbazole	167	8.766	8.777	(1.027)	7977	0.29394	1.2(a)
	56 Fluoranthene	202	9.719	9.730	(1.138)	24760	0.83993	3.4(a)
	57 Pyrene	202	9.942	9.948	(0.886)	13797	0.47103	1.9(a)
$	78 Terphenyl-d14	244	10.107	10.113	(0.900)	398467	18.9602	77
*	81 Chrysene-d12	240	11.224	11.236	(1.000)	701524	40.0000	
*	84 Perylene-d12	264	13.054	13.065	(1.000)	462983	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8562.d
Report Date: 09-Mar-2010 12:56

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8562.d
Lab Smp Id: 460-10889-F-13-A Client Smp ID: GW-017338-030210-AC
Inj Date : 07-MAR-2010 20:30
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-13-A
Misc Info : 460-10889-F-13-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/8270Cdel_08.m
Meth Date : 09-Mar-2010 12:32 croccom Quant Type: ISTD
Cal Date : 07-MAR-2010 15:08 Cal File: z8549.d
Als bottle: 15
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

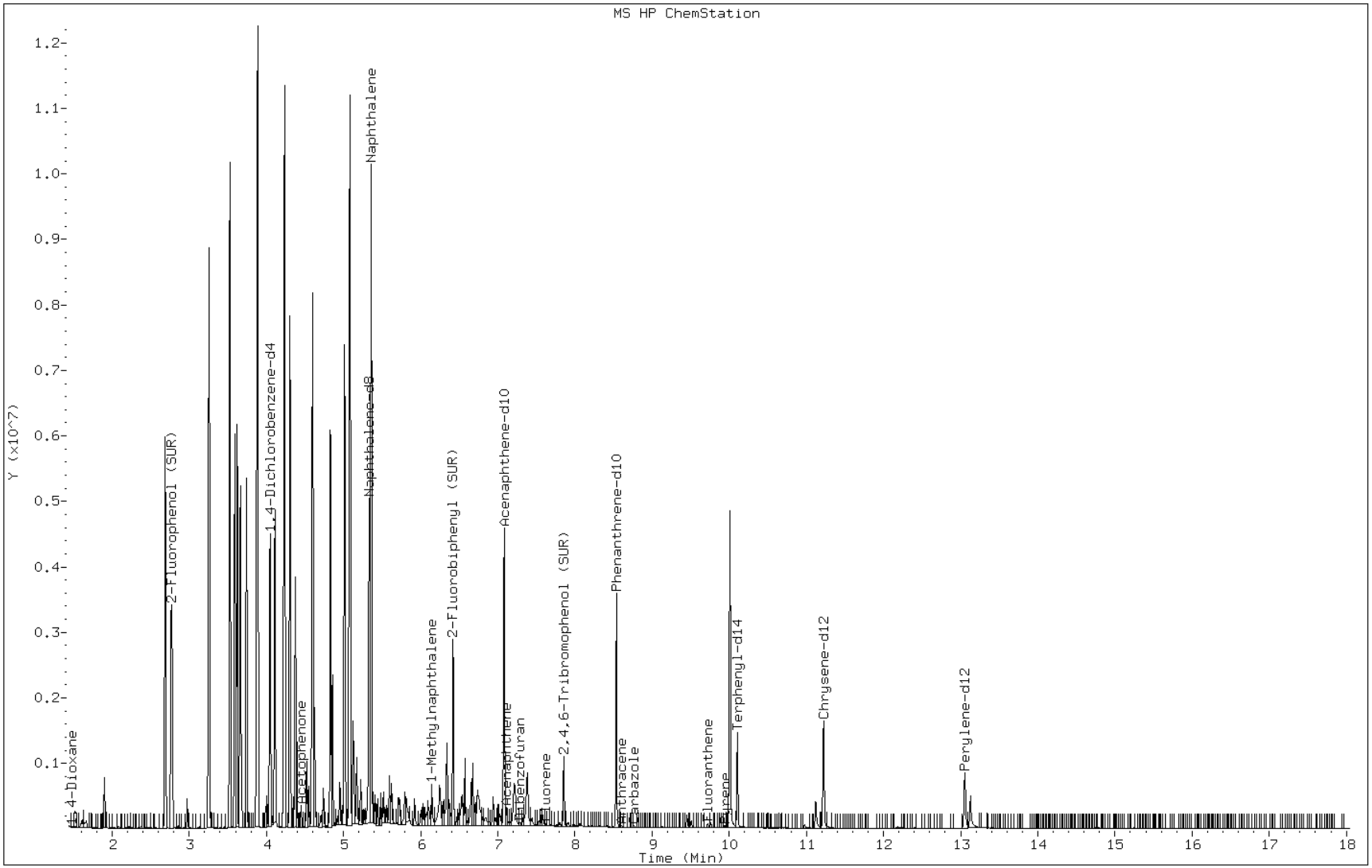
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z8562.d

Date: 07-MAR-2010 20:30

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4



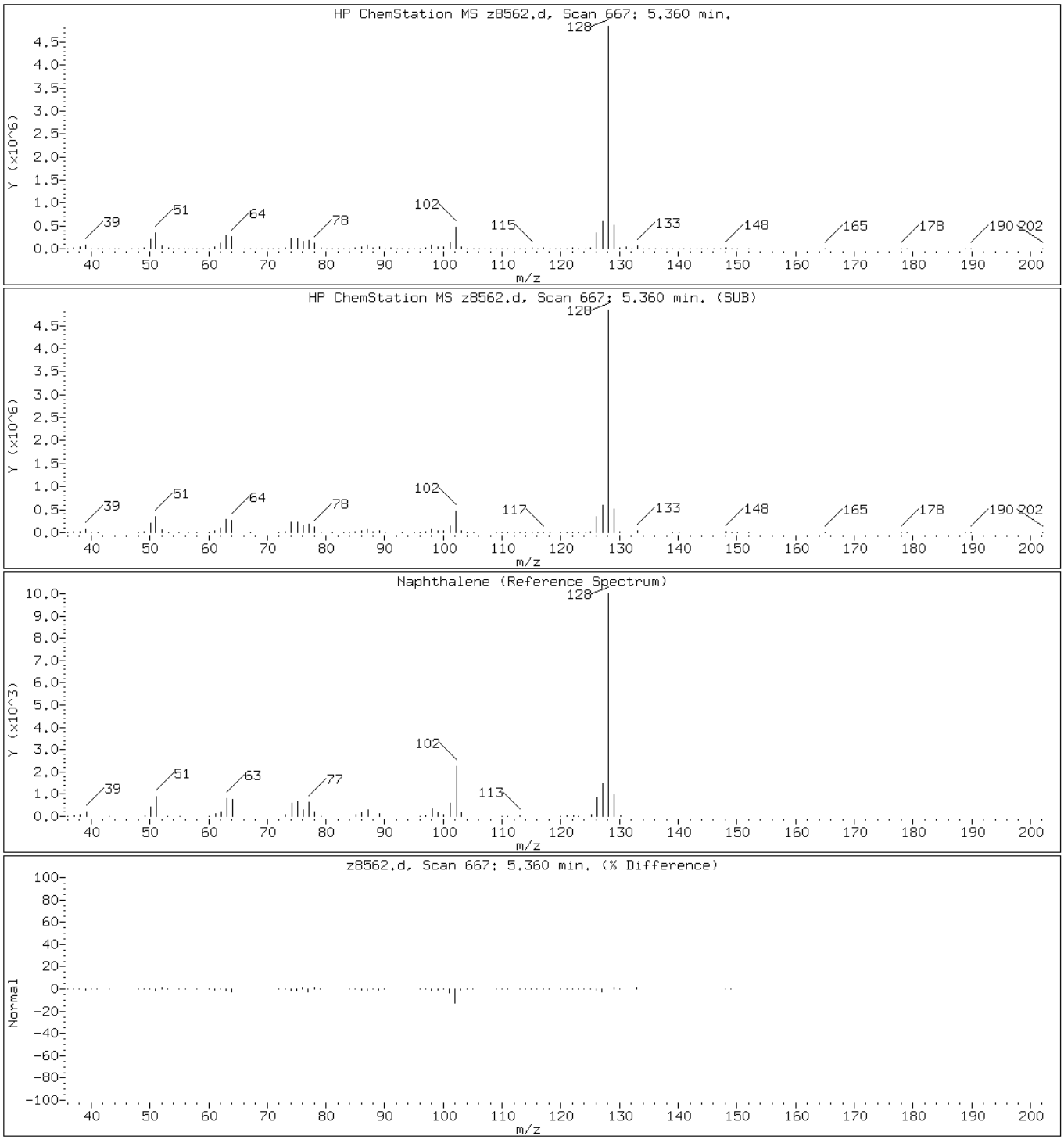
Data File: z8562.d

Date: 07-MAR-2010 20:30

Client ID: GW-017338-030210-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

31 Naphthalene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-014 | Lab Sample ID: 460-10889-14

Matrix: GW | Lab File ID: z8528.d

Analysis Method: 8270C | Date Collected: 03/03/2010 09:55

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 06:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	5.5
108-95-2	Phenol	10	U	10	0.91
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.42
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
95-57-8	2-Chlorophenol	10	U	10	2.7
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.3
98-86-2	Acetophenone	10	U	10	4.4
91-57-6	2-Methylnaphthalene	10	U	10	3.2
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.7
88-74-4	2-Nitroaniline	20	U	20	5.8
67-72-1	Hexachloroethane	1.0	U	1.0	0.51
98-95-3	Nitrobenzene	1.0	U	1.0	0.42
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
78-59-1	Isophorone	10	U	10	3.7
88-75-5	2-Nitrophenol	10	U	10	3.5
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
105-67-9	2,4-Dimethylphenol	10	U	10	2.6
100-01-6	4-Nitroaniline	20	U	20	4.1
100-02-7	4-Nitrophenol	31	U	31	2.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
1912-24-9	Atrazine	10	U	10	4.9
91-20-3	Naphthalene	10	U	10	3.7
100-52-7	Benzaldehyde	10	U *	10	1.4
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.96
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.31
105-60-2	Caprolactam	10	U	10	0.51
86-74-8	Carbazole	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.7
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-014 | Lab Sample ID: 460-10889-14

Matrix: GW | Lab File ID: z8528.d

Analysis Method: 8270C | Date Collected: 03/03/2010 09:55

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 06:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	10	U	10	3.3
91-58-7	2-Chloronaphthalene	10	U	10	3.8
206-44-0	Fluoranthene	10	U	10	2.7
86-73-7	Fluorene	10	U	10	3.3
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.60
208-96-8	Acenaphthylene	10	U	10	4.1
99-09-2	3-Nitroaniline	20	U	20	4.4
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.33
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	31	U	31	4.9
132-64-9	Dibenzofuran	10	U	10	3.7
84-66-2	Diethyl phthalate	10	U	10	3.9
534-52-1	4,6-Dinitro-2-methylphenol	31	U	31	5.3
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.4
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.1
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-014 Lab Sample ID: 460-10889-14

Matrix: GW Lab File ID: z8528.d

Analysis Method: 8270C Date Collected: 03/03/2010 09:55

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/06/2010 06:42

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	92	50-119	
321-60-8	2-Fluorobiphenyl	76	61-112	
367-12-4	2-Fluorophenol (Surr)	38	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	90	61-120	
4165-62-2	Phenol-d5 (Surr)	25	9-48	
1718-51-0	Terphenyl-d14 (Surr)	86	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-014 Lab Sample ID: 460-10889-14

Matrix: GW Lab File ID: z8528.d

Analysis Method: 8270C Date Collected: 03/03/2010 09:55

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/06/2010 06:42

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8528.d
Report Date: 07-Mar-2010 17:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8528.d
Lab Smp Id: 460-10889-F-14-A Client Smp ID: GW-017338-030310-AC
Inj Date : 06-MAR-2010 06:42
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-14-A
Misc Info : 460-10889-F-14-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	106 1,4-Dioxane	88	1.490	1.490	(0.366)	2723	0.20954	0.43(a)
$	16 2-Fluorophenol (SUR)	112	2.784	2.790	(0.685)	497421	18.8732	38
$	17 Phenol-d5 (SUR)	99	3.695	3.707	(0.909)	379455	12.5869	26
*	79 1,4-Dichlorobenzene-d4	152	4.066	4.066	(1.000)	661739	40.0000	
	23 1,2-Dichlorobenzene	146	4.237	4.237	(1.042)	5232	0.20713	0.42(a)
$	76 Nitrobenzene-d5 (SUR)	82	4.625	4.631	(0.864)	1366828	44.8504	92
*	80 Naphthalene-d8	136	5.354	5.360	(1.000)	2455121	40.0000	
	31 Naphthalene	128	5.372	5.378	(1.003)	19460	0.30673	0.62(a)
	120 1-Methylnaphthalene	142	6.172	6.178	(1.153)	597	0.01706	0.035(a)
$	77 2-Fluorobiphenyl (SUR)	172	6.454	6.448	(0.907)	1573439	37.8787	77
*	82 Acenaphthene-d10	164	7.113	7.113	(1.000)	1117485	40.0000	
$	18 2,4,6-Tribromophenol (SUR)	330	7.889	7.889	(1.109)	225598	45.9873	94
*	83 Phenanthrene-d10	188	8.572	8.572	(1.000)	1307486	40.0000	
$	78 Terphenyl-d14	244	10.154	10.148	(0.899)	806329	42.9757	88
*	81 Chrysene-d12	240	11.289	11.283	(1.000)	609154	40.0000	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8528.d
Report Date: 07-Mar-2010 17:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 84 Perylene-d12	264	13.142	13.130	(1.000)	388846	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8528.d
Report Date: 07-Mar-2010 17:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8528.d
Lab Smp Id: 460-10889-F-14-A Client Smp ID: GW-017338-030310-AC
Inj Date : 06-MAR-2010 06:42
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-14-A
Misc Info : 460-10889-F-14-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

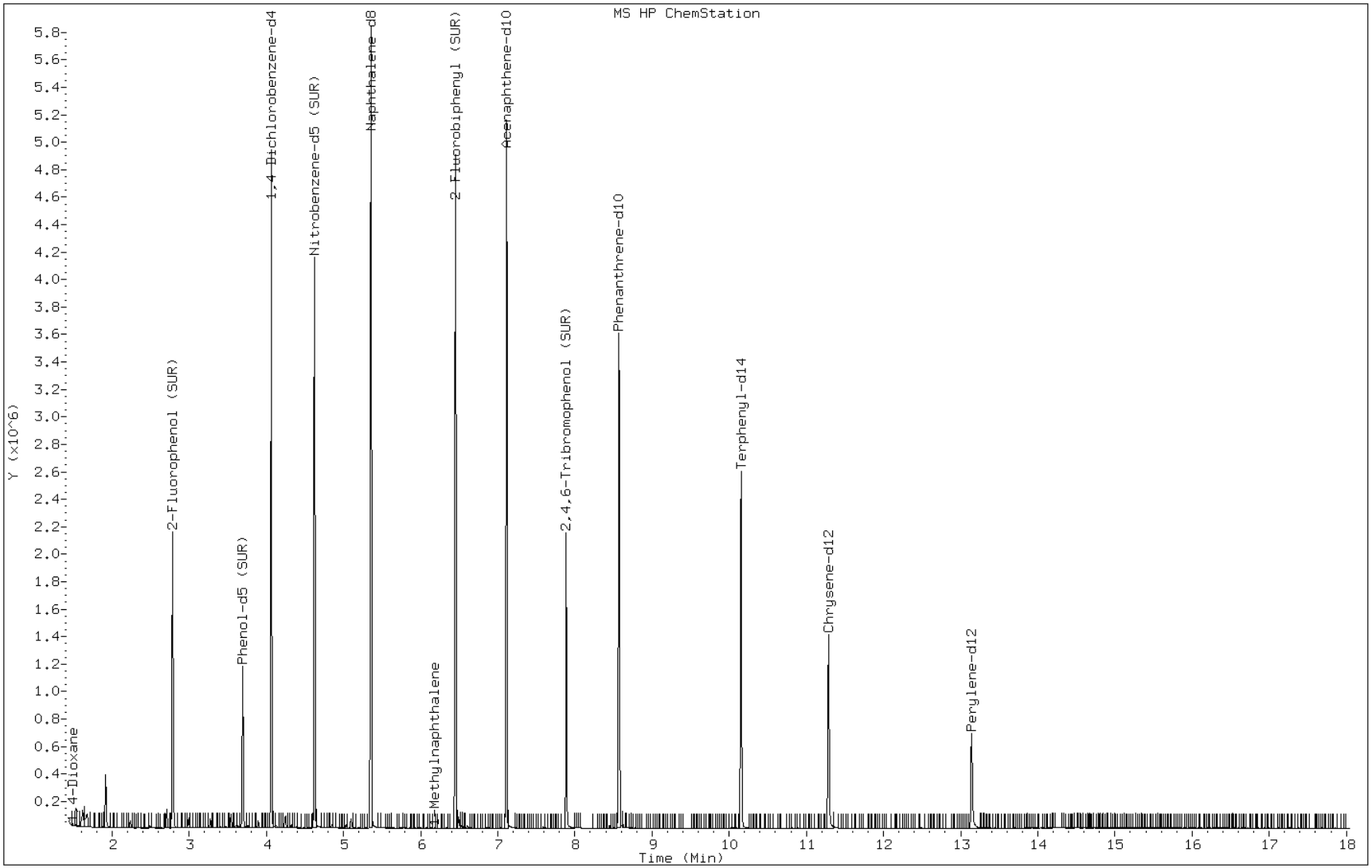
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z8528.d

Date: 06-MAR-2010 06:42

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-14-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-015 | Lab Sample ID: 460-10889-15

Matrix: GW | Lab File ID: z8529.d

Analysis Method: 8270C | Date Collected: 03/03/2010 11:00

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 07:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	5.5
108-95-2	Phenol	10	U	10	0.91
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.42
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
95-57-8	2-Chlorophenol	10	U	10	2.7
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.3
98-86-2	Acetophenone	10	U	10	4.4
91-57-6	2-Methylnaphthalene	10	U	10	3.2
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.7
88-74-4	2-Nitroaniline	20	U	20	5.8
67-72-1	Hexachloroethane	1.0	U	1.0	0.51
98-95-3	Nitrobenzene	1.0	U	1.0	0.42
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
78-59-1	Isophorone	10	U	10	3.7
88-75-5	2-Nitrophenol	10	U	10	3.5
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
105-67-9	2,4-Dimethylphenol	10	U	10	2.6
100-01-6	4-Nitroaniline	20	U	20	4.1
100-02-7	4-Nitrophenol	31	U	31	2.4
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
1912-24-9	Atrazine	10	U	10	4.9
91-20-3	Naphthalene	10	U	10	3.7
100-52-7	Benzaldehyde	10	U *	10	1.4
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.96
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.31
105-60-2	Caprolactam	10	U	10	0.51
86-74-8	Carbazole	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.7
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-015 | Lab Sample ID: 460-10889-15

Matrix: GW | Lab File ID: z8529.d

Analysis Method: 8270C | Date Collected: 03/03/2010 11:00

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 07:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	10	U	10	3.3
91-58-7	2-Chloronaphthalene	10	U	10	3.8
206-44-0	Fluoranthene	10	U	10	2.7
86-73-7	Fluorene	10	U	10	3.3
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.60
208-96-8	Acenaphthylene	10	U	10	4.1
99-09-2	3-Nitroaniline	20	U	20	4.4
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.33
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	31	U	31	4.9
132-64-9	Dibenzofuran	10	U	10	3.7
84-66-2	Diethyl phthalate	10	U	10	3.9
534-52-1	4,6-Dinitro-2-methylphenol	31	U	31	5.3
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.4
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.1
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-015 Lab Sample ID: 460-10889-15

Matrix: GW Lab File ID: z8529.d

Analysis Method: 8270C Date Collected: 03/03/2010 11:00

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/06/2010 07:06

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	66	50-119	
321-60-8	2-Fluorobiphenyl	65	61-112	
367-12-4	2-Fluorophenol (Surr)	31	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	74	61-120	
4165-62-2	Phenol-d5 (Surr)	20	9-48	
1718-51-0	Terphenyl-d14 (Surr)	71	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-015 Lab Sample ID: 460-10889-15

Matrix: GW Lab File ID: z8529.d

Analysis Method: 8270C Date Collected: 03/03/2010 11:00

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/06/2010 07:06

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8529.d
Report Date: 09-Mar-2010 16:28

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8529.d
Lab Smp Id: 460-10889-F-15-A Client Smp ID: GW-017338-030310-RA
Inj Date : 06-MAR-2010 07:06
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-15-A
Misc Info : 460-10889-F-15-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 27
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.790	2.790	(0.686)	406782	15.4390	32
$ 17 Phenol-d5 (SUR)	99	3.695	3.707	(0.909)	308129	10.2241	21
* 79 1,4-Dichlorobenzene-d4	152	4.066	4.066	(1.000)	661531	40.0000	
23 1,2-Dichlorobenzene	146	4.237	4.237	(1.042)	3901	0.15448	0.32(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.625	4.631	(0.864)	1094007	36.9339	75
* 80 Naphthalene-d8	136	5.354	5.360	(1.000)	2386275	40.0000	
120 1-Methylnaphthalene	142	6.178	6.178	(1.154)	564	0.01658	0.034(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.454	6.448	(0.907)	1247378	32.4405	66
* 82 Acenaphthene-d10	164	7.113	7.113	(1.000)	1034420	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.889	7.889	(1.109)	149353	32.8898	67
* 83 Phenanthrene-d10	188	8.572	8.572	(1.000)	1186105	40.0000	
$ 78 Terphenyl-d14	244	10.148	10.148	(0.899)	613111	35.4228	72
* 81 Chrysene-d12	240	11.289	11.283	(1.000)	561946	40.0000	
* 84 Perylene-d12	264	13.142	13.130	(1.000)	351313	40.0000	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8529.d
Report Date: 09-Mar-2010 16:28

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8529.d
Report Date: 09-Mar-2010 16:28

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8529.d
Lab Smp Id: 460-10889-F-15-A Client Smp ID: GW-017338-030310-RA
Inj Date : 06-MAR-2010 07:06
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-15-A
Misc Info : 460-10889-F-15-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 27
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

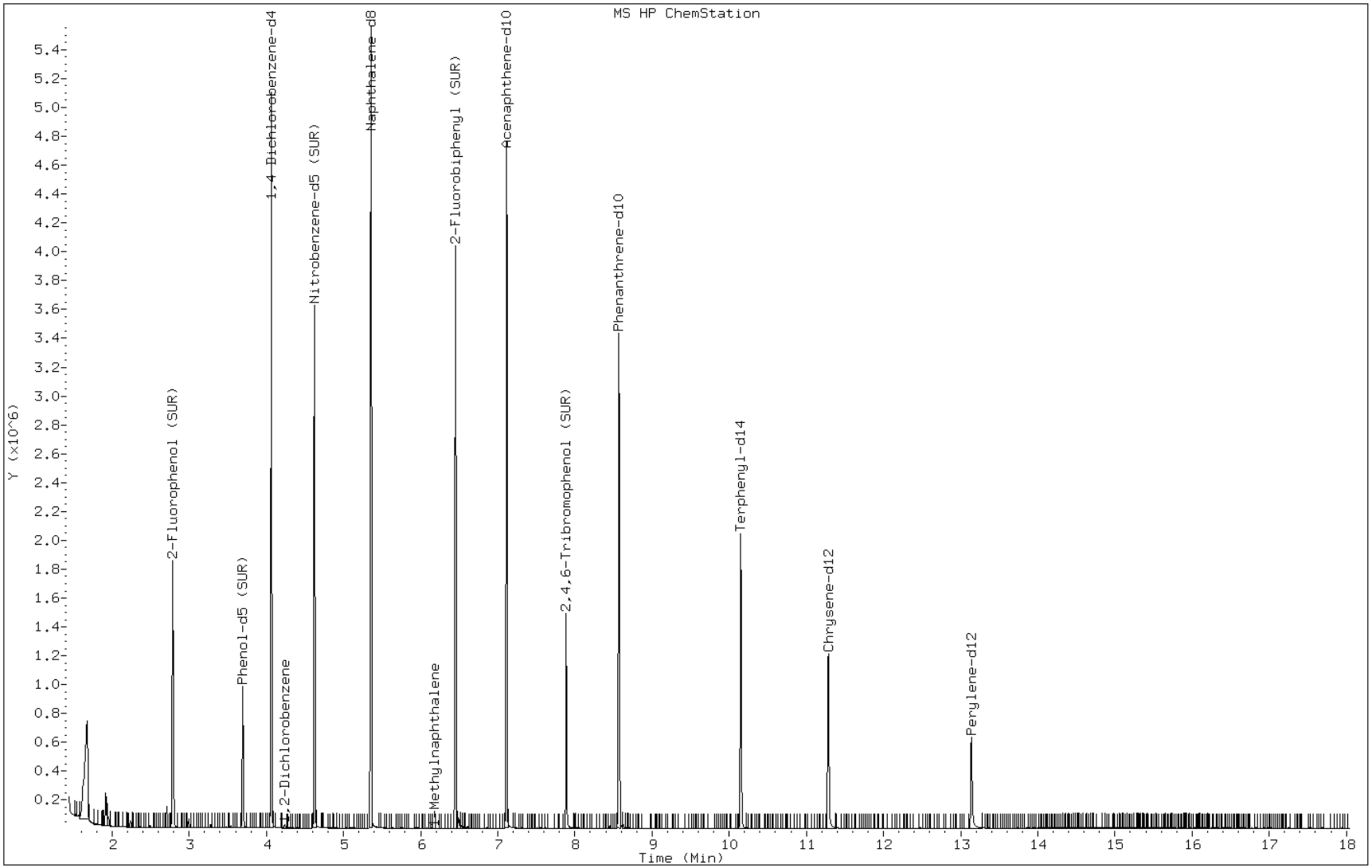
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z8529.d

Date: 06-MAR-2010 07:06

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-15-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-016 | Lab Sample ID: 460-10889-16

Matrix: GW | Lab File ID: z8553.d

Analysis Method: 8270C | Date Collected: 03/03/2010 11:00

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 16:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	5.4
108-95-2	Phenol	10	U	10	0.89
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
95-57-8	2-Chlorophenol	10	U	10	2.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.2
98-86-2	Acetophenone	10	U	10	4.3
91-57-6	2-Methylnaphthalene	10	U	10	3.1
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.7
88-74-4	2-Nitroaniline	20	U	20	5.7
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
78-59-1	Isophorone	10	U	10	3.6
88-75-5	2-Nitrophenol	10	U	10	3.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
100-01-6	4-Nitroaniline	20	U	20	4.0
100-02-7	4-Nitrophenol	30	U	30	2.3
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
1912-24-9	Atrazine	10	U	10	4.8
91-20-3	Naphthalene	10	U	10	3.7
100-52-7	Benzaldehyde	10	U *	10	1.3
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
105-60-2	Caprolactam	10	U	10	0.50
86-74-8	Carbazole	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
95-95-4	2,4,5-Trichlorophenol	10	U *	10	2.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-016 | Lab Sample ID: 460-10889-16

Matrix: GW | Lab File ID: z8553.d

Analysis Method: 8270C | Date Collected: 03/03/2010 11:00

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 16:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	10	U	10	3.3
91-58-7	2-Chloronaphthalene	10	U	10	3.8
206-44-0	Fluoranthene	10	U	10	2.6
86-73-7	Fluorene	10	U	10	3.3
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59
208-96-8	Acenaphthylene	10	U	10	4.0
99-09-2	3-Nitroaniline	20	U	20	4.3
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
132-64-9	Dibenzofuran	10	U	10	3.6
84-66-2	Diethyl phthalate	10	U	10	3.8
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-016 Lab Sample ID: 460-10889-16

Matrix: GW Lab File ID: z8553.d

Analysis Method: 8270C Date Collected: 03/03/2010 11:00

Extract. Method: 3510C Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/07/2010 16:51

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	87	50-119	
321-60-8	2-Fluorobiphenyl	78	61-112	
367-12-4	2-Fluorophenol (Surr)	48	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	82	61-120	
4165-62-2	Phenol-d5 (Surr)	34	9-48	
1718-51-0	Terphenyl-d14 (Surr)	71	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-016 | Lab Sample ID: 460-10889-16

Matrix: GW | Lab File ID: z8553.d

Analysis Method: 8270C | Date Collected: 03/03/2010 11:00

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 16:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

Number TICs Found: 6 | TIC Result Total: 406.6

CAS NO.	COMPOUND NAME	RT	RESULT	Q
108-90-7	Benzene, chloro-	2.58	330	T J N
13429-07-7	2-Propanol, 1-(2-methoxypropoxy)-	3.98	10	T J N
496-11-7	Indane	4.23	15	T J N
	Unknown-1	6.91	9.6	T J
136-85-6	1H-Benzotriazole, 5-methyl-	7.25	29	T J N
29878-31-7	1H-Benzotriazole, 4-methyl-	7.47	13	T J N

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8553.d
Report Date: 11-Mar-2010 14:10

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8553.d
Lab Smp Id: 460-10889-E-16-A Client Smp ID: GW-017338-030310-AC
Inj Date : 07-MAR-2010 16:51
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-E-16-A
Misc Info : 460-10889-E-16-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/8270Cdel_08.m
Meth Date : 09-Mar-2010 12:32 croccom Quant Type: ISTD
Cal Date : 07-MAR-2010 15:08 Cal File: z8549.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.772	2.766	(0.686)	620667	24.1196	48
$ 17 Phenol-d5 (SUR)	99	3.678	3.701	(0.910)	519625	17.2151	34
2 2-Chlorophenol	128	3.831	3.842	(0.948)	10484	0.40803	0.82(a)
21 1,3-Dichlorobenzene	146	3.990	3.995	(0.987)	10282	0.38208	0.76(a)
* 79 1,4-Dichlorobenzene-d4	152	4.043	4.048	(1.000)	653147	40.0000	
22 1,4-Dichlorobenzene	146	4.060	4.066	(1.004)	63670	2.45851	4.9(a)
23 1,2-Dichlorobenzene	146	4.213	4.219	(1.042)	11691	0.47933	0.96(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.607	4.613	(0.864)	1230355	40.7715	82
* 80 Naphthalene-d8	136	5.331	5.337	(1.000)	2383950	40.0000	
31 Naphthalene	128	5.349	5.360	(1.003)	45304	0.72971	1.4(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.425	6.431	(0.907)	1489637	39.1485	78
* 82 Acenaphthene-d10	164	7.084	7.089	(1.000)	1055643	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.860	7.866	(1.110)	202200	43.4604	87
* 83 Phenanthrene-d10	188	8.537	8.542	(1.000)	1252674	40.0000	
$ 78 Terphenyl-d14	244	10.113	10.113	(0.901)	837413	35.6837	71

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8553.d
Report Date: 11-Mar-2010 14:10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 81 Chrysene-d12	240	11.225	11.236	(1.000)	783364	40.0000	
* 84 Perylene-d12	264	13.060	13.065	(1.000)	498387	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8553.d
Report Date: 11-Mar-2010 14:10

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8553.d
Lab Smp Id: 460-10889-E-16-A Client Smp ID: GW-017338-030310-AC
Inj Date : 07-MAR-2010 16:51
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-E-16-A
Misc Info : 460-10889-E-16-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/8270Cdel_08.m
Meth Date : 09-Mar-2010 12:32 croccom Quant Type: ISTD
Cal Date : 07-MAR-2010 15:08 Cal File: z8549.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	4.043	5032724	40.000
* 82 Acenaphthene-d10	7.084	4615259	40.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Benzene, chloro-					CAS #: 108-90-7		
2.584	20779502	165.155102	330	97	NIST02.l	6179	79
2-Propanol, 1-(2-methoxypropoxy)-					CAS #: 13429-07-7		
3.978	636802	5.06129243	10	83	NIST02.l	22085	79(L)

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8553.d
Report Date: 11-Mar-2010 14:10

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Indane				CAS #: 496-11-7			
4.225	920202	7.31374529	15	96	NIST02.l	8674	79(L)
Unknown-1				CAS #:			
6.913	553649	4.79842218	9.6	0		0	82
1H-Benzotriazole, 5-methyl-				CAS #: 136-85-6			
7.254	1648396	14.2864869	28	98	NIST02.l	14201	82
1H-Benzotriazole, 4-methyl-				CAS #: 29878-31-7			
7.466	734669	6.36730059	13	98	NIST02.l	14196	82

QC Flag Legend

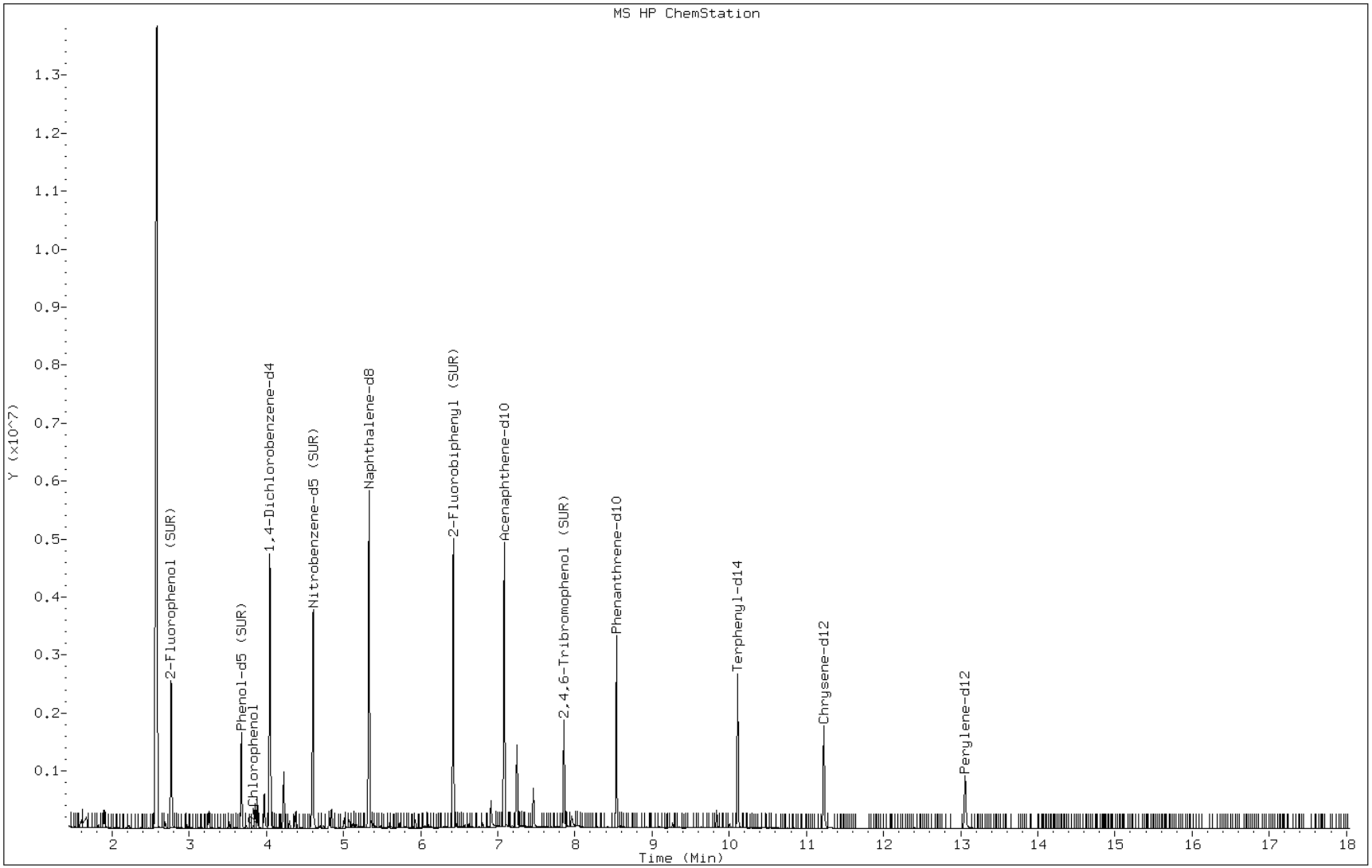
L - Operator selected an alternate library search match.

Data File: z8553.d

Date: 07-MAR-2010 16:51

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-16-A Operator: BNAMS 4



Data File: z8553.d

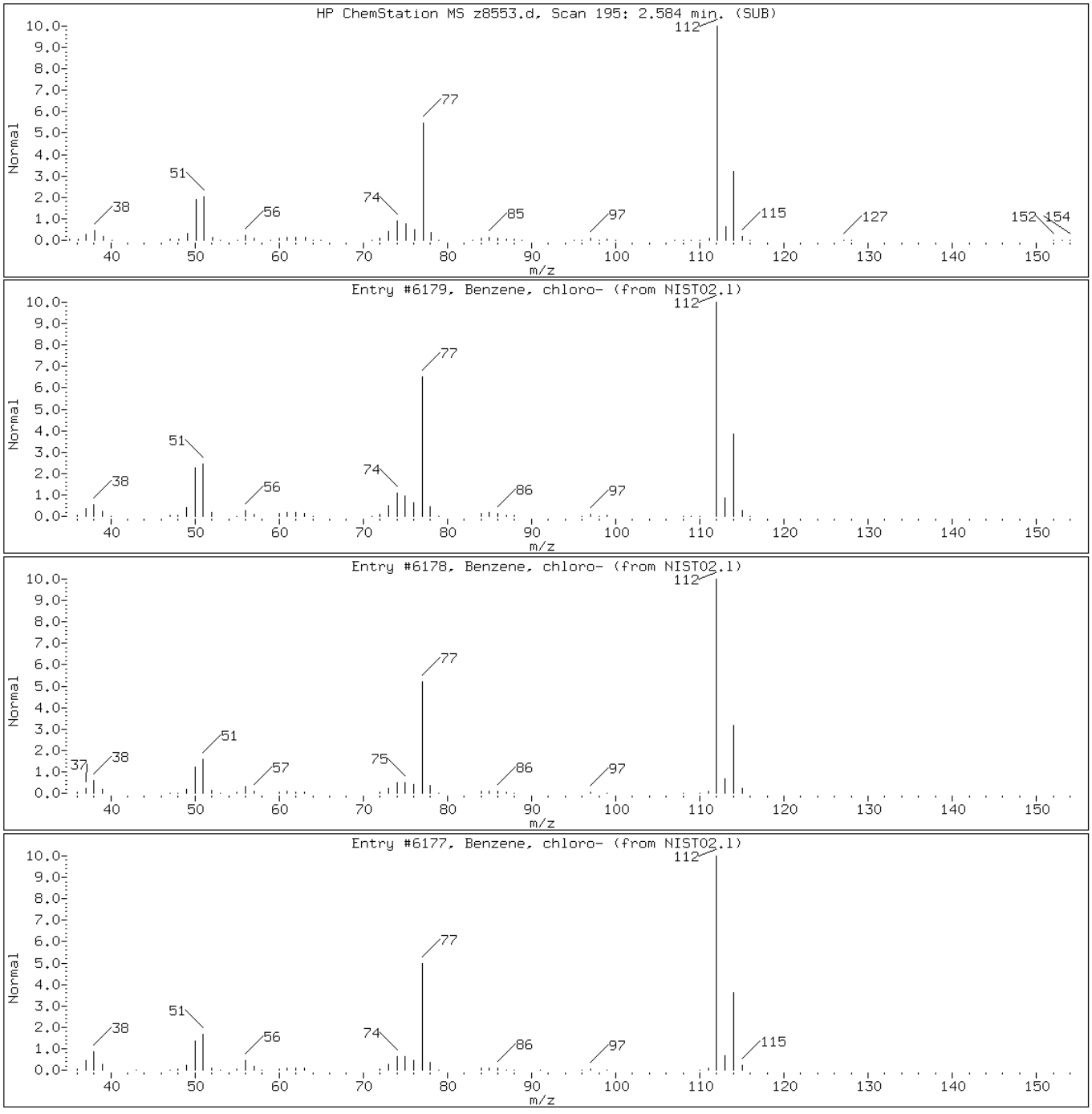
Date: 07-MAR-2010 16:51

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-16-A Operator: BNAMS 4

Retention Time: 2.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, chloro-	108-90-7	NIST02.l	6179	97	C6H5Cl	112
Benzene, chloro-	108-90-7	NIST02.l	6178	94	C6H5Cl	112
Benzene, chloro-	108-90-7	NIST02.l	6177	91	C6H5Cl	112



Data File: z8553.d

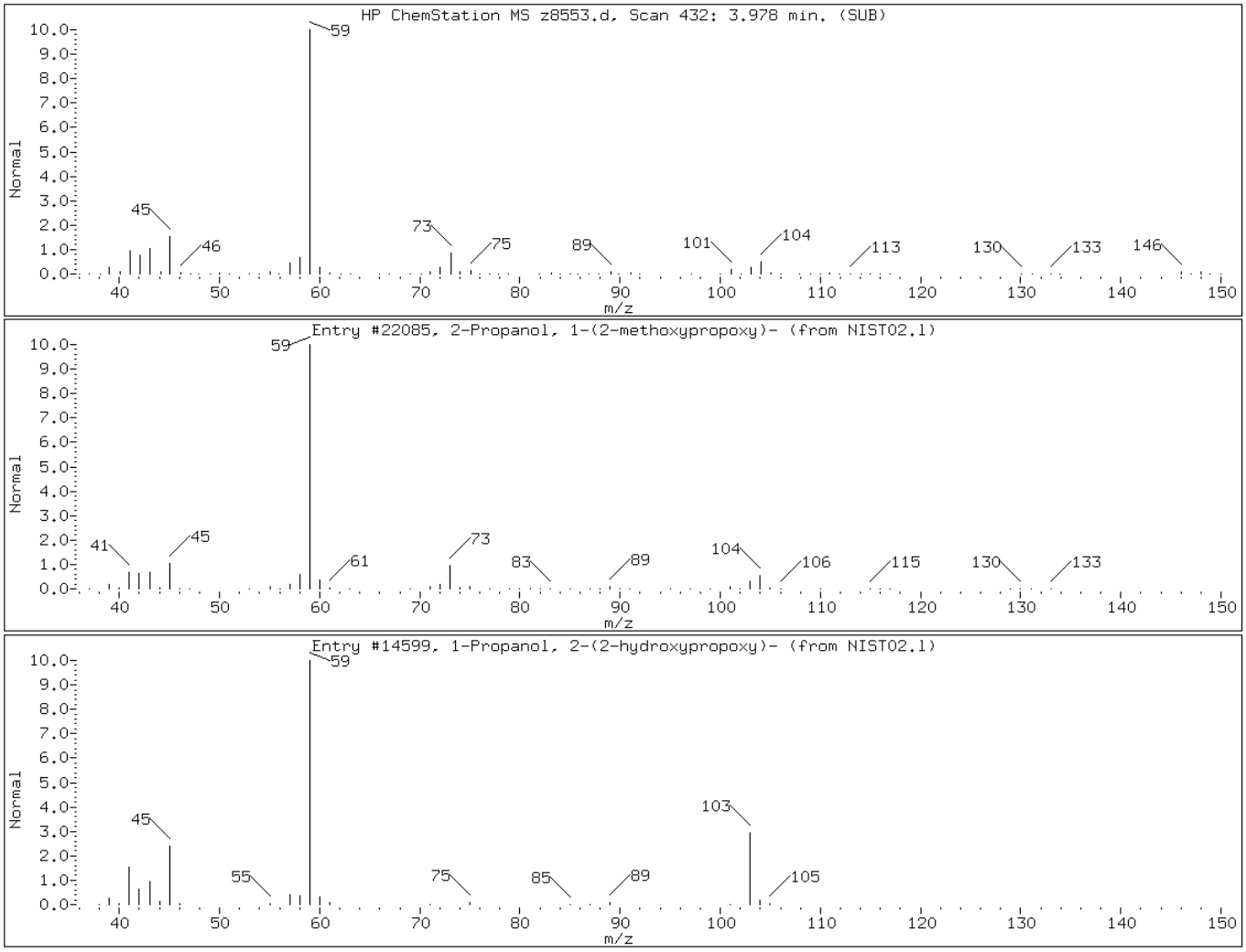
Date: 07-MAR-2010 16:51

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-16-A Operator: BNAMS 4

Retention Time: 3.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Propanol, 1-(2-methoxypropoxy)-	13429-07-7	NIST02.l	22085	83	C7H16O3	148
Unknown Sterol						
1-Propanol, 2-(2-hydroxypropoxy)-	106-62-7	NIST02.l	14599	72	C6H14O3	134



Data File: z8553.d

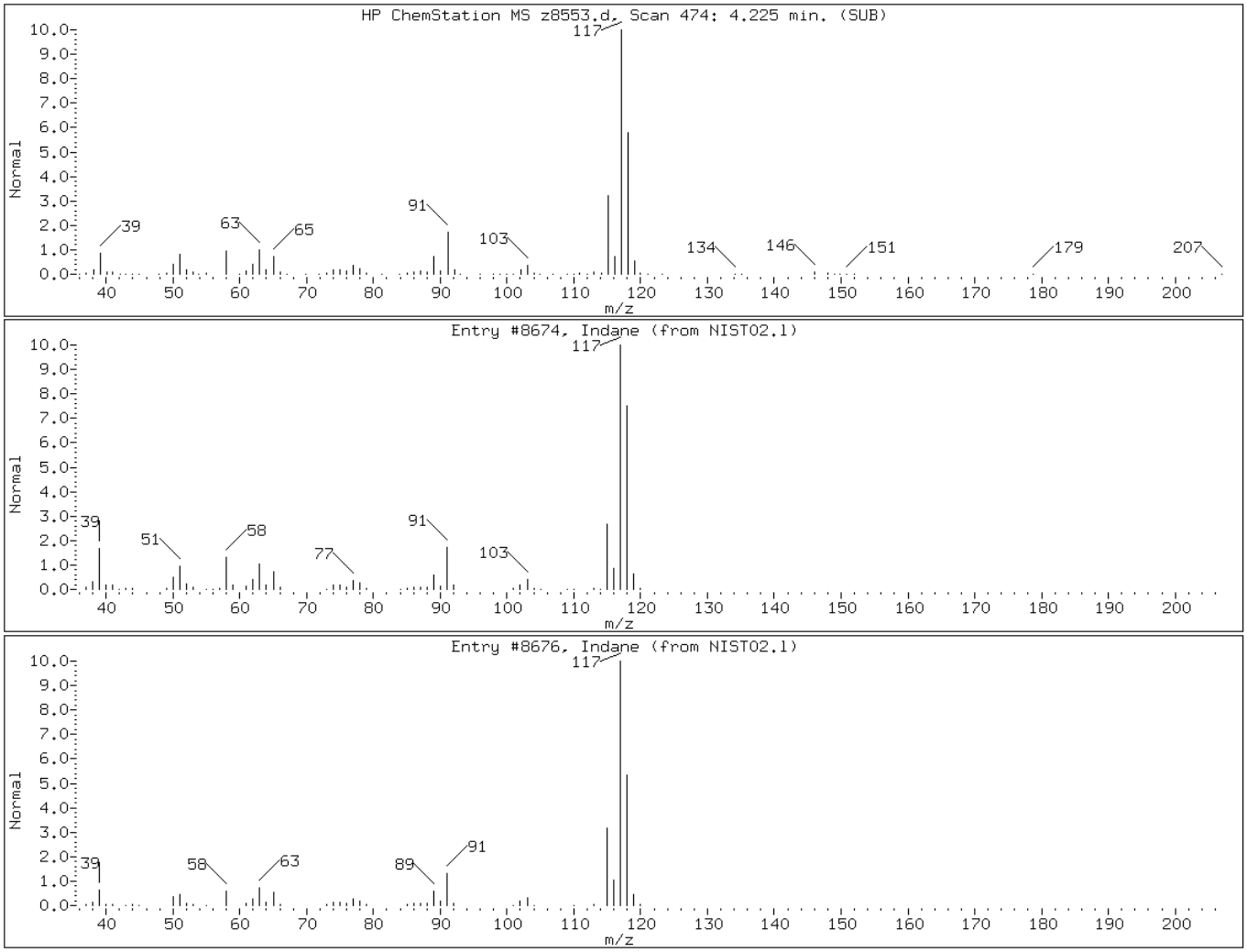
Date: 07-MAR-2010 16:51

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-16-A Operator: BNAMS 4

Retention Time: 4.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8674	96	C9H10	118
C9H10 Aromatic						
Indane	496-11-7	NIST02.l	8676	91	C9H10	118



Data File: z8553.d

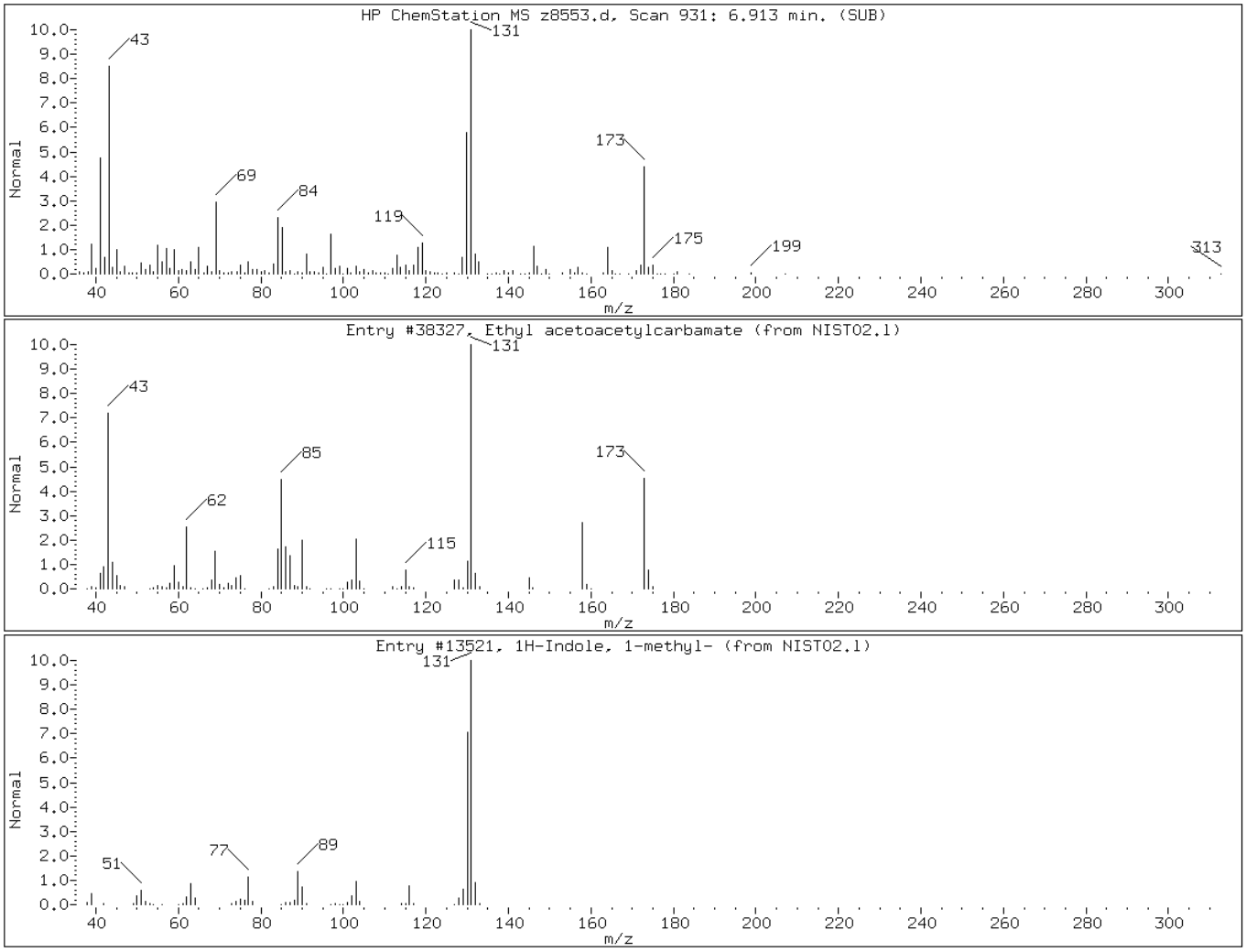
Date: 07-MAR-2010 16:51

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-16-A Operator: BNAMS 4

Retention Time: 6.91

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Ethyl acetoacetylcarbamate	7190-58-1	NIST02.l	38327	43	C7H11NO4	173
1H-Indole, 1-methyl-	603-76-9	NIST02.l	13521	38	C9H9N	131



Data File: z8553.d

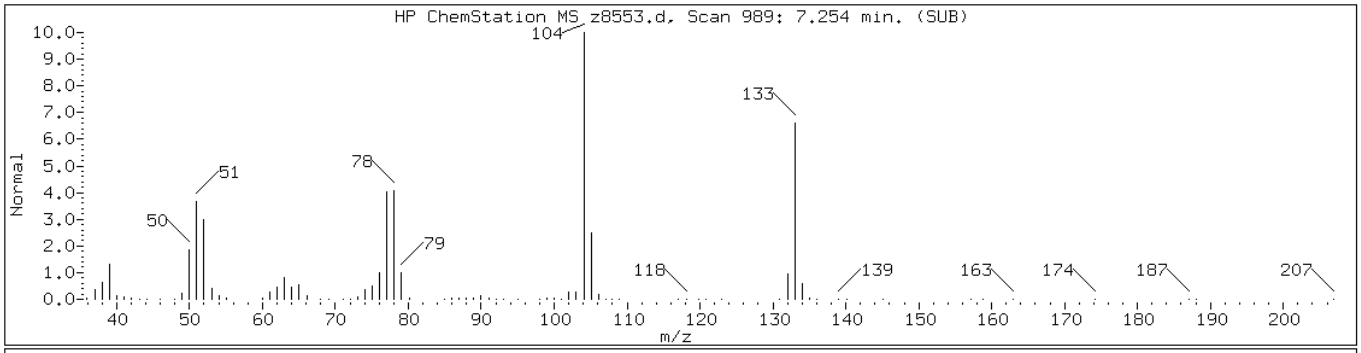
Date: 07-MAR-2010 16:51

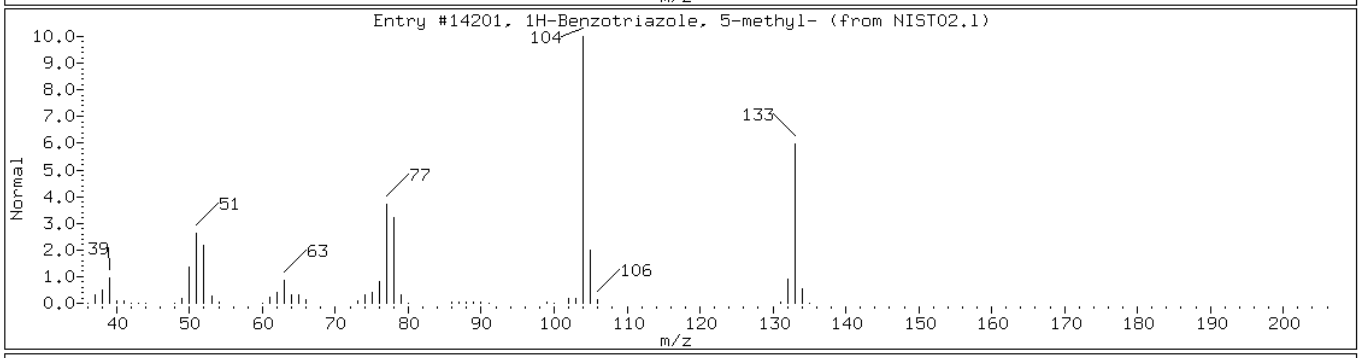
Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

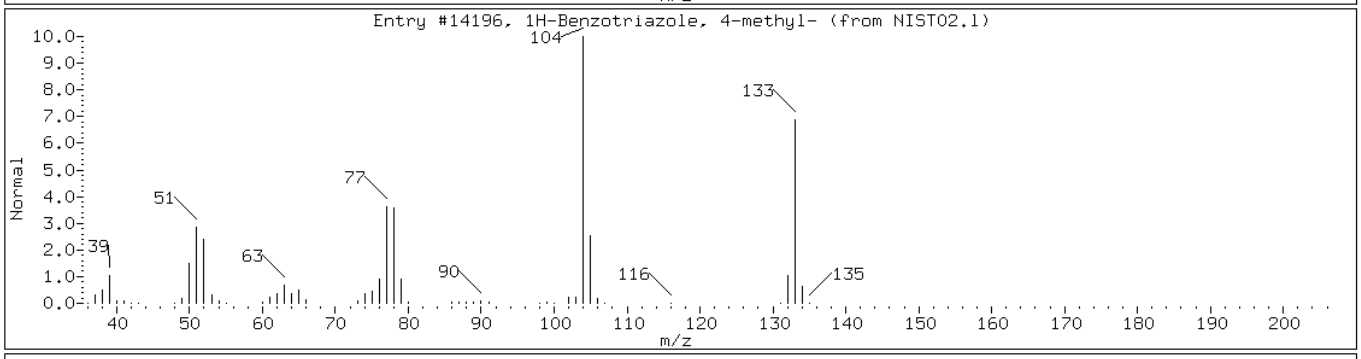
Sample Info: 460-10889-E-16-A Operator: BNAMS 4

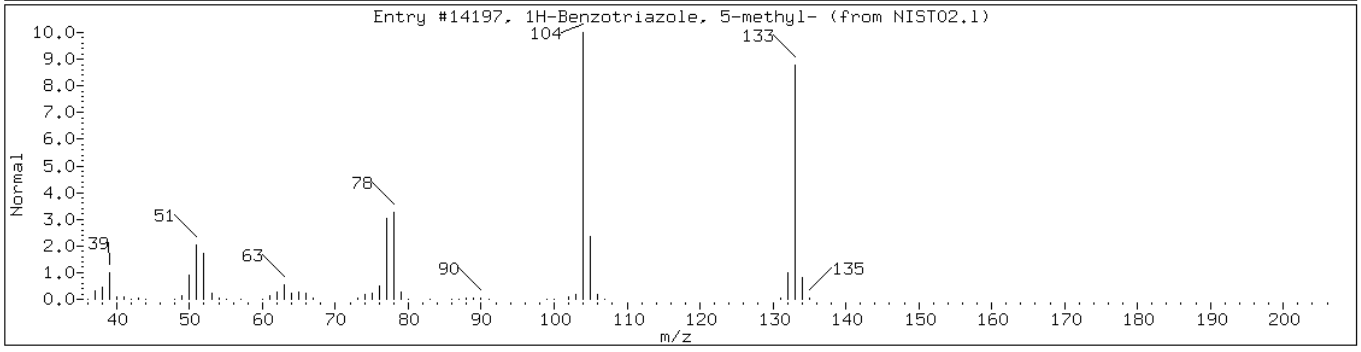
Retention Time: 7.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1H-Benzotriazole, 5-methyl-	136-85-6	NIST02.l	14201	98	C7H7N3	133
1H-Benzotriazole, 4-methyl-	29878-31-7	NIST02.l	14196	98	C7H7N3	133
1H-Benzotriazole, 5-methyl-	136-85-6	NIST02.l	14197	97	C7H7N3	133









Data File: z8553.d

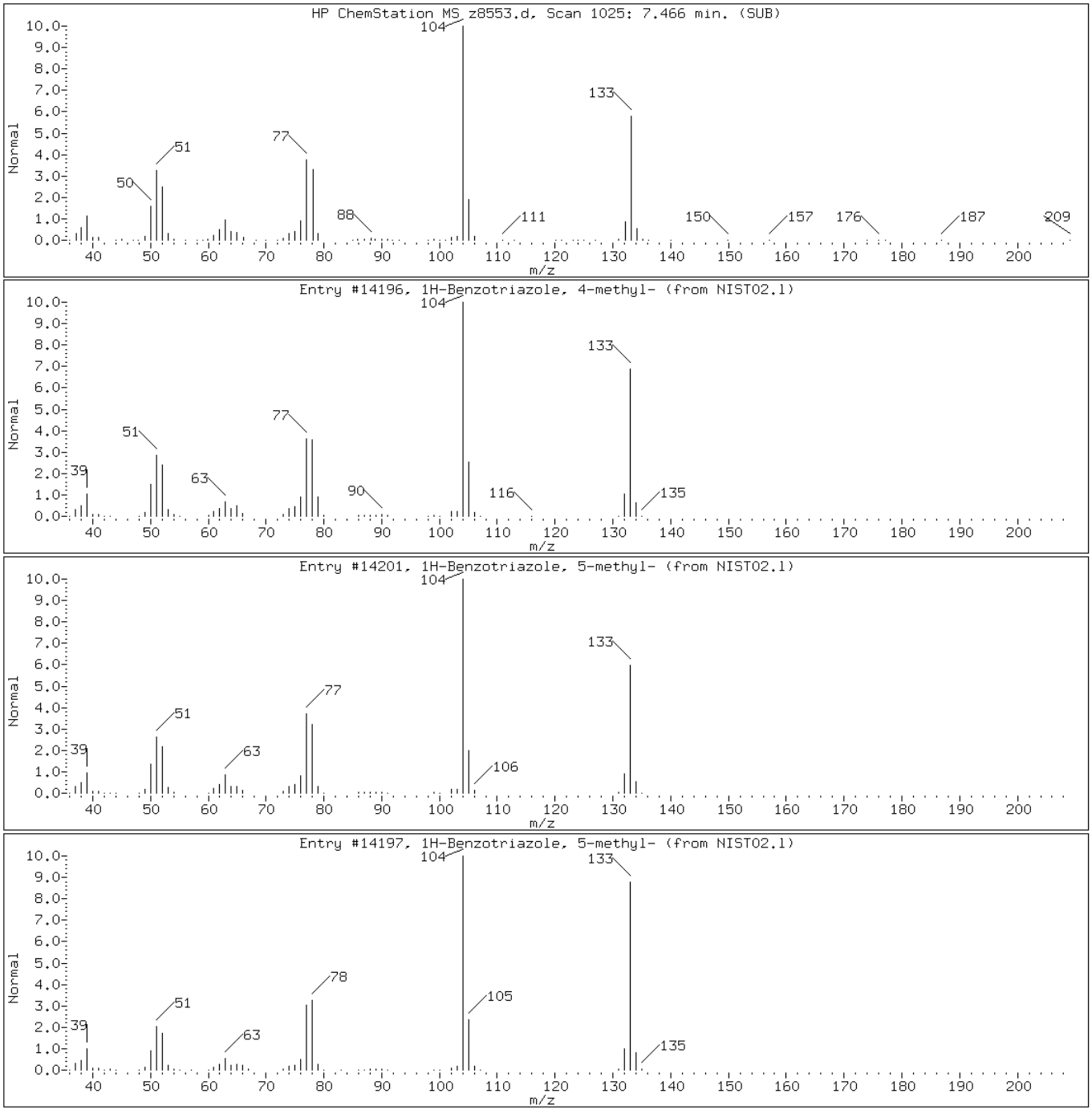
Date: 07-MAR-2010 16:51

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-16-A Operator: BNAMS 4

Retention Time: 7.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1H-Benzotriazole, 4-methyl-	29878-31-7	NIST02.l	14196	98	C7H7N3	133
1H-Benzotriazole, 5-methyl-	136-85-6	NIST02.l	14201	98	C7H7N3	133
1H-Benzotriazole, 5-methyl-	136-85-6	NIST02.l	14197	97	C7H7N3	133



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-017 | Lab Sample ID: 460-10889-17

Matrix: GW | Lab File ID: z8554.d

Analysis Method: 8270C | Date Collected: 03/03/2010 11:30

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 17:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	5.4
108-95-2	Phenol	1.7	J	10	0.89
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
95-57-8	2-Chlorophenol	10	U	10	2.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.2
98-86-2	Acetophenone	10	U	10	4.3
91-57-6	2-Methylnaphthalene	10	U	10	3.1
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.7
88-74-4	2-Nitroaniline	20	U	20	5.7
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
78-59-1	Isophorone	10	U	10	3.6
88-75-5	2-Nitrophenol	10	U	10	3.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
100-01-6	4-Nitroaniline	20	U	20	4.0
100-02-7	4-Nitrophenol	30	U	30	2.3
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
1912-24-9	Atrazine	10	U	10	4.8
91-20-3	Naphthalene	19		10	3.7
100-52-7	Benzaldehyde	10	U *	10	1.3
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
105-60-2	Caprolactam	10	U	10	0.50
86-74-8	Carbazole	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
95-95-4	2,4,5-Trichlorophenol	10	U *	10	2.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-017 | Lab Sample ID: 460-10889-17

Matrix: GW | Lab File ID: z8554.d

Analysis Method: 8270C | Date Collected: 03/03/2010 11:30

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 17:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	10	U	10	3.3
91-58-7	2-Chloronaphthalene	10	U	10	3.8
206-44-0	Fluoranthene	10	U	10	2.6
86-73-7	Fluorene	10	U	10	3.3
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59
208-96-8	Acenaphthylene	10	U	10	4.0
99-09-2	3-Nitroaniline	20	U	20	4.3
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
132-64-9	Dibenzofuran	10	U	10	3.6
84-66-2	Diethyl phthalate	10	U	10	3.8
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-017 Lab Sample ID: 460-10889-17

Matrix: GW Lab File ID: z8554.d

Analysis Method: 8270C Date Collected: 03/03/2010 11:30

Extract. Method: 3510C Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/07/2010 17:15

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	100	50-119	
321-60-8	2-Fluorobiphenyl	88	61-112	
367-12-4	2-Fluorophenol (Surr)	52	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	88	61-120	
4165-62-2	Phenol-d5 (Surr)	39	9-48	
1718-51-0	Terphenyl-d14 (Surr)	82	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-017 | Lab Sample ID: 460-10889-17

Matrix: GW | Lab File ID: z8554.d

Analysis Method: 8270C | Date Collected: 03/03/2010 11:30

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 17:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

Number TICs Found: 16 | TIC Result Total: 409.2

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	2.10	8.1	T J
19550-46-0	1,3-Dimethylcyclopentanol	2.53	10	T J N
100-41-4	Ethylbenzene	2.69	11	T J N
	Ethylmethylbenzene isomer	3.25	47	T J
103-65-1	Benzene, propyl-	3.52	20	T J N
	Trimethylnaphthalene isomer	3.88	12	T J
	Unknown-2	4.13	19	T J
496-11-7	Indane	4.22	22	T J N
	Unknown-3	4.64	39	T J
	Tetramethylnaphthalene isomer	4.83	10	T J
	Tetramethylbenzene isomer	4.85	9.1	T J
	C10H12 Aromatic	5.07	32	T J
	Unknown-4	6.38	100	T J
	Unknown-5	6.65	15	T J
	Trimethylbenzoic acid isomer	6.77	23	T J
	Trimethylbenzoic acid isomer	6.97	32	T J

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8554.d
Report Date: 11-Mar-2010 15:19

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8554.d
Lab Smp Id: 460-10889-F-17-A Client Smp ID: GW-017338-030310-RA
Inj Date : 07-MAR-2010 17:15
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-17-A
Misc Info : 460-10889-F-17-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/8270Cdel_08.m
Meth Date : 09-Mar-2010 12:32 croccom Quant Type: ISTD
Cal Date : 07-MAR-2010 15:08 Cal File: z8549.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.772	2.766	(0.686)	632435	26.0324	52
$ 17 Phenol-d5 (SUR)	99	3.678	3.701	(0.910)	559089	19.6195	39
1 Phenol	94	3.690	3.713	(0.913)	24512	0.85947	1.7(a)
* 79 1,4-Dichlorobenzene-d4	152	4.043	4.048	(1.000)	616627	40.0000	
23 1,2-Dichlorobenzene	146	4.213	4.219	(1.042)	5326	0.23130	0.46(a)
104 Acetophenone	105	4.448	4.466	(1.100)	20662	0.80263	1.6(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.607	4.613	(0.864)	1223143	44.1621	88
6 2,4-Dimethylphenol	122	5.007	5.013	(0.939)	13564	0.75477	1.5(a)
* 80 Naphthalene-d8	136	5.331	5.337	(1.000)	2188020	40.0000	
31 Naphthalene	128	5.348	5.360	(1.003)	548773	9.63060	19
34 2-Methylnaphthalene	142	6.048	6.054	(1.135)	11375	0.35374	0.71(a)
120 1-Methylnaphthalene	142	6.142	6.154	(1.152)	7919	0.25182	0.50(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.425	6.431	(0.907)	1509644	43.9286	88
* 82 Acenaphthene-d10	164	7.084	7.089	(1.000)	953409	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.860	7.866	(1.110)	210184	50.0207	100

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8554.d
Report Date: 11-Mar-2010 15:19

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 83 Phenanthrene-d10	188	8.536	8.542	(1.000)	1157996	40.0000	
$ 78 Terphenyl-d14	244	10.113	10.113	(0.901)	841179	40.9244	82
* 81 Chrysene-d12	240	11.224	11.236	(1.000)	686119	40.0000	
* 84 Perylene-d12	264	13.060	13.065	(1.000)	464280	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8554.d
Report Date: 11-Mar-2010 15:19

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8554.d
Lab Smp Id: 460-10889-F-17-A Client Smp ID: GW-017338-030310-RA
Inj Date : 07-MAR-2010 17:15
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-17-A
Misc Info : 460-10889-F-17-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/8270Cdel_08.m
Meth Date : 09-Mar-2010 12:32 croccom Quant Type: ISTD
Cal Date : 07-MAR-2010 15:08 Cal File: z8549.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

ISTD		RT	AREA	AMOUNT
* 79	1,4-Dichlorobenzene-d4	4.043	4711692	40.000
* 80	Naphthalene-d8	5.331	5197541	40.000
* 82	Acenaphthene-d10	7.084	4075418	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
2.096	475859	4.03981723	8.1	0		0	79

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8554.d
Report Date: 11-Mar-2010 15:19

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
1,3-Dimethylcyclopentanol					CAS #: 19550-46-0		
2.525	600533	5.09823433	10	90	NIST02.l	7360	79
Ethylbenzene					CAS #: 100-41-4		
2.690	656449	5.57293469	11	87	NIST02.l	4964	79
Ethylmethylbenzene isomer					CAS #:		
3.254	2750446	23.3499671	47	0		0	79
Benzene, propyl-					CAS #: 103-65-1		
3.525	1200617	10.1926636	20	90	NIST02.l	9109	79
Trimethylnaphthalene isomer					CAS #:		
3.878	691322	5.86899510	12	0		0	79
Unknown-2					CAS #:		
4.131	1092185	9.27212739	18	0		0	79
Indane					CAS #: 496-11-7		
4.225	1302701	11.0593088	22	96	NIST02.l	8674	79
Unknown-3					CAS #:		
4.643	2323894	19.7287451	39	0		0	79
Tetramethylnaphthalene isomer					CAS #:		
4.831	663745	5.10814734	10	0		0	80
Tetramethylbenzene isomer					CAS #:		
4.854	593282	4.56586658	9.1	0		0	80(L)
C10H12 Aromatic					CAS #:		
5.072	2076726	15.9823732	32	0		0	80(L)
Unknown-4					CAS #:		
6.384	5291492	51.9356918	100	0		0	82
Unknown-5					CAS #:		
6.648	778302	7.63898947	15	0		0	82
Trimethylbenzoic acid isomer					CAS #:		
6.766	1168229	11.4660995	23	0		0	82
Trimethylbenzoic acid isomer					CAS #:		
6.966	1619327	15.8935995	32	0		0	82(L)

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8554.d
Report Date: 11-Mar-2010 15:19

QC Flag Legend

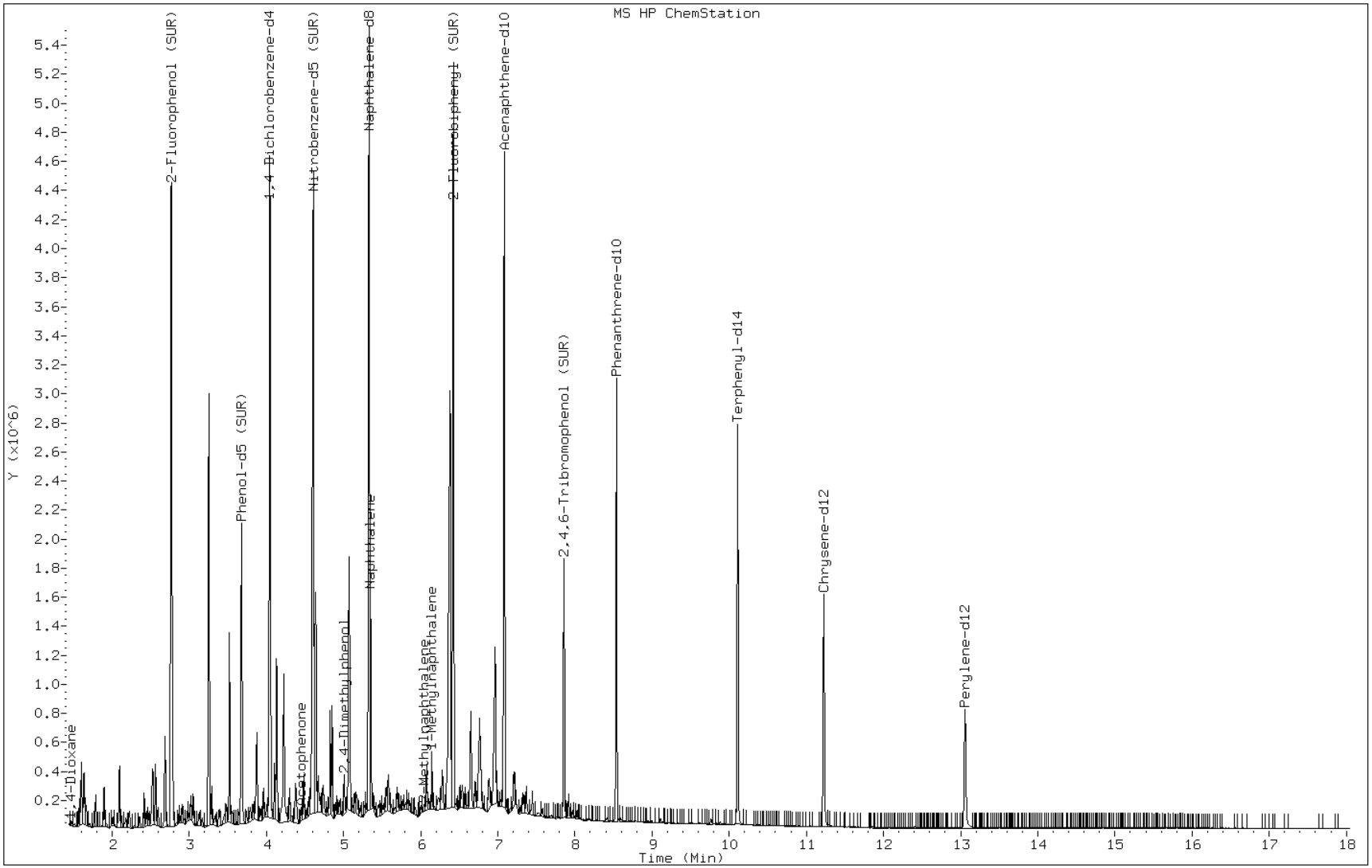
L - Operator selected an alternate library search match.

Data File: z8554.d

Date: 07-MAR-2010 17:15

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-17-A Operator: BNAMS 4



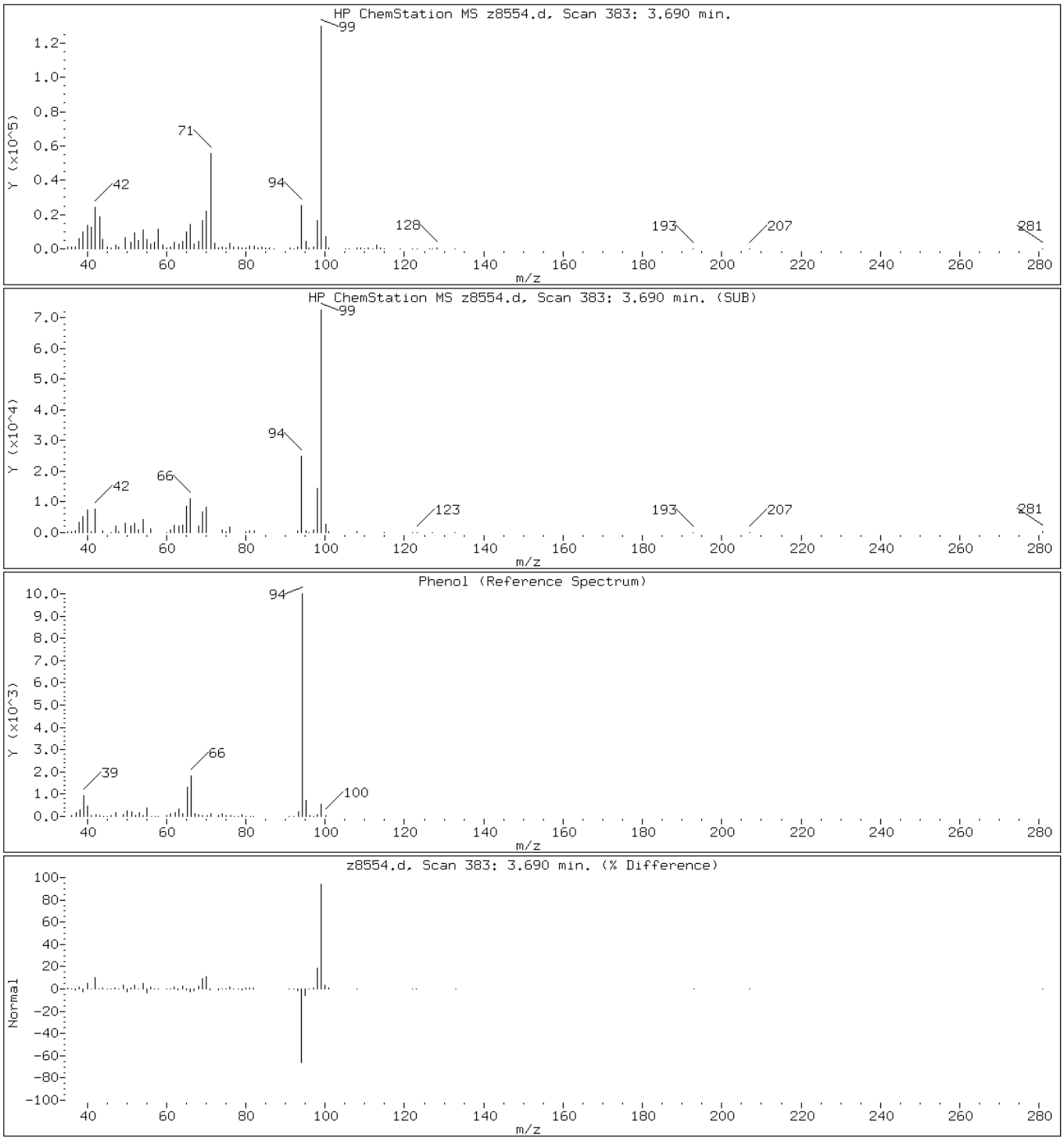
Data File: z8554.d

Date: 07-MAR-2010 17:15

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-17-A Operator: BNAMS 4

1 Phenol



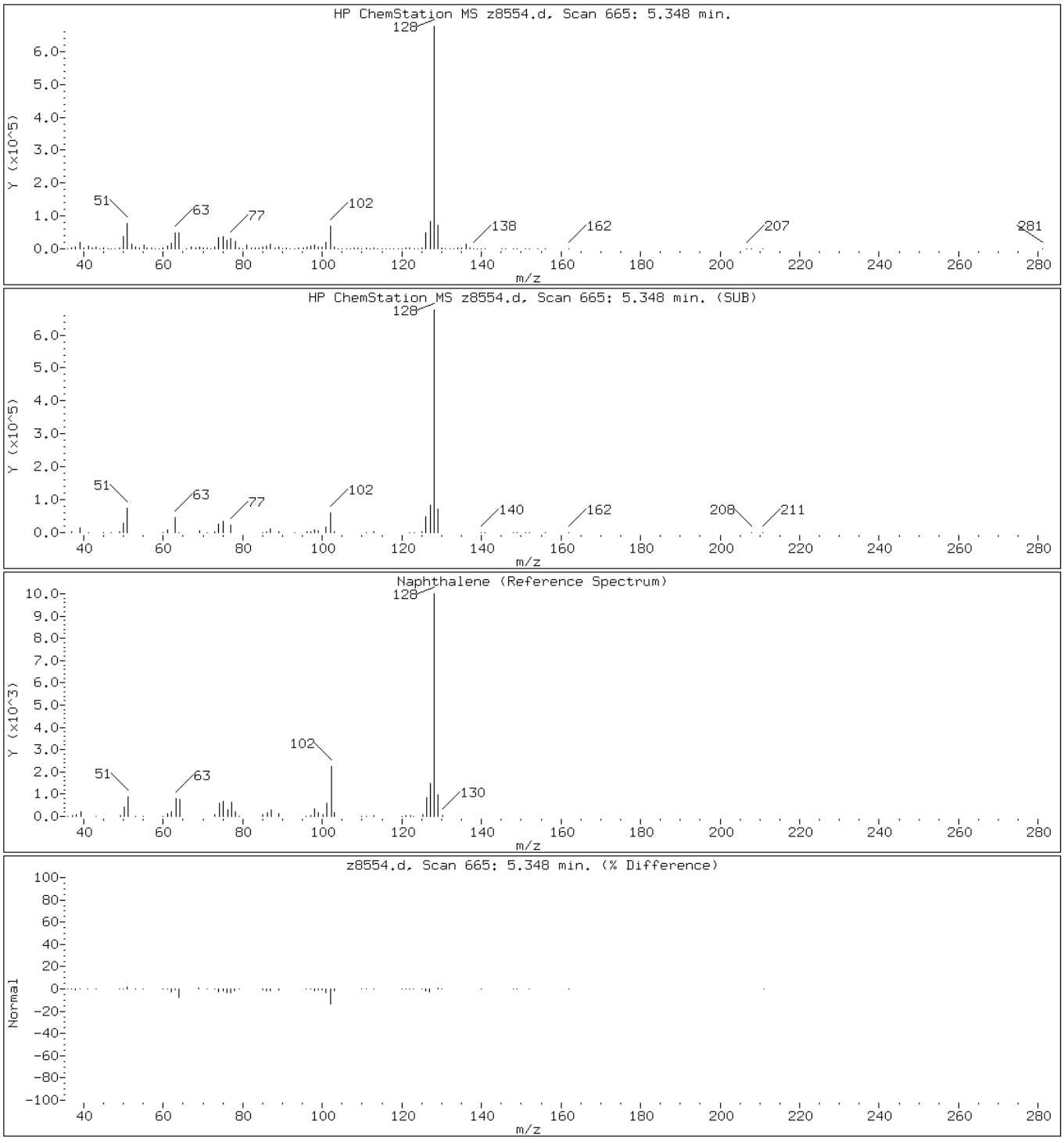
Data File: z8554.d

Date: 07-MAR-2010 17:15

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-17-A Operator: BNAMS 4

31 Naphthalene



Data File: z8554.d

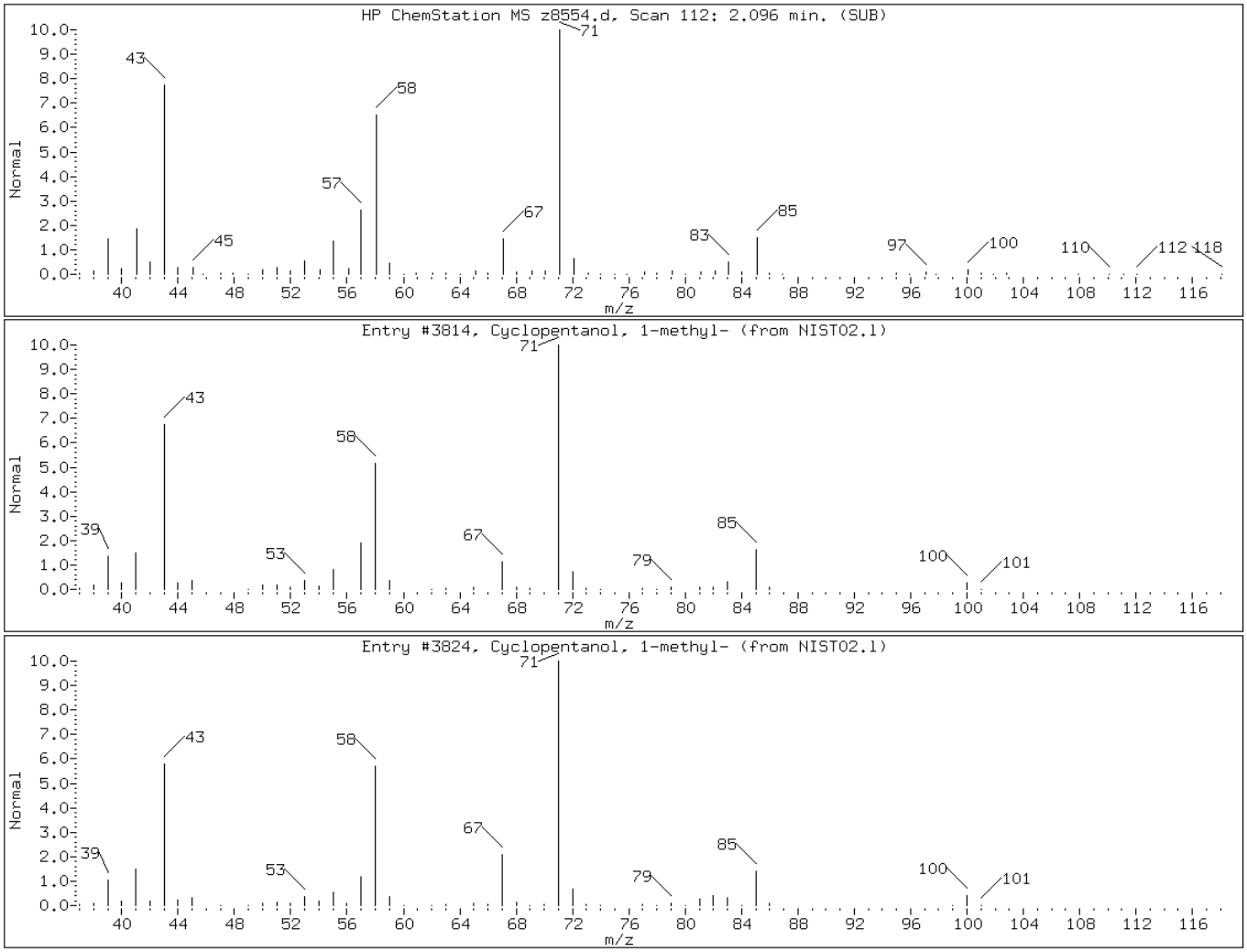
Date: 07-MAR-2010 17:15

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-17-A Operator: BNAMS 4

Retention Time: 2.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclopentanol, 1-methyl-	1462-03-9	NIST02.l	3814	83	C6H12O	100
Cyclopentanol, 1-methyl-	1462-03-9	NIST02.l	3824	74	C6H12O	100



Data File: z8554.d

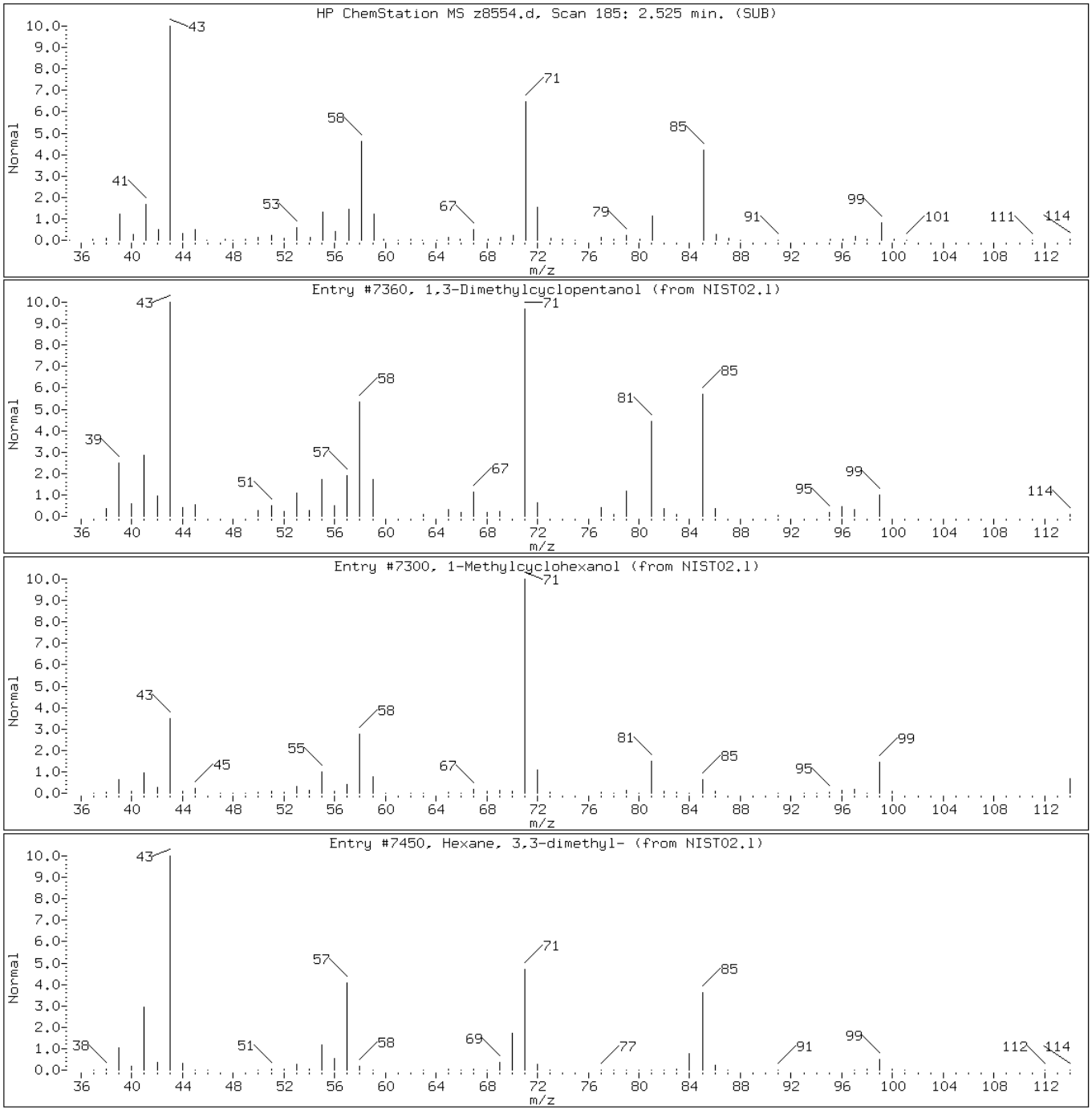
Date: 07-MAR-2010 17:15

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-17-A Operator: BNAMS 4

Retention Time: 2.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1,3-Dimethylcyclopentanol	19550-46-0	NIST02.l	7360	90	C7H14O	114
1-Methylcyclohexanol	590-67-0	NIST02.l	7300	47	C7H14O	114
Hexane, 3,3-dimethyl-	563-16-6	NIST02.l	7450	43	C8H18	114



Data File: z8554.d

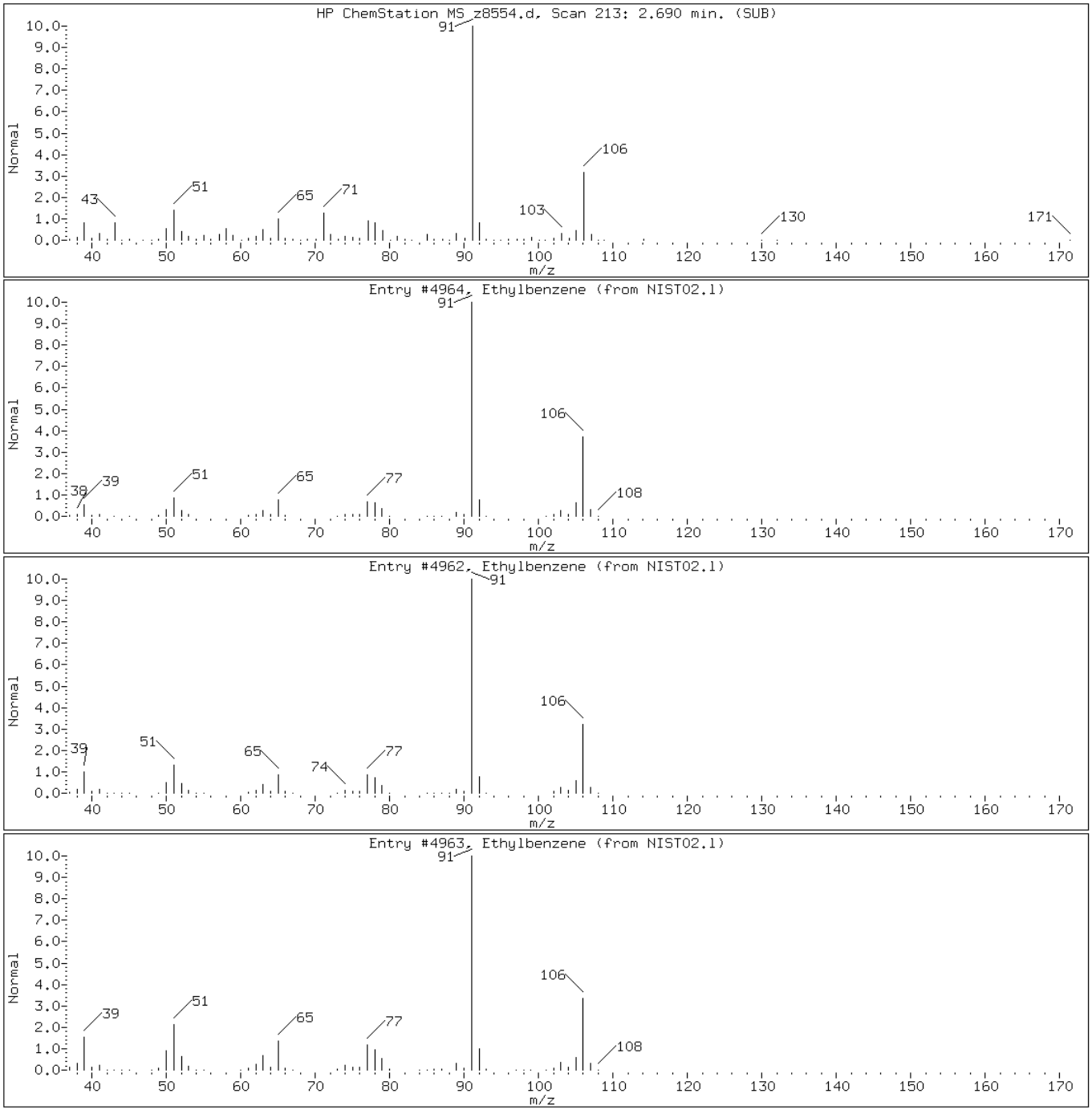
Date: 07-MAR-2010 17:15

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-17-A Operator: BNAMS 4

Retention Time: 2.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylbenzene	100-41-4	NIST02.l	4964	87	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4962	76	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4963	76	C8H10	106



Data File: z8554.d

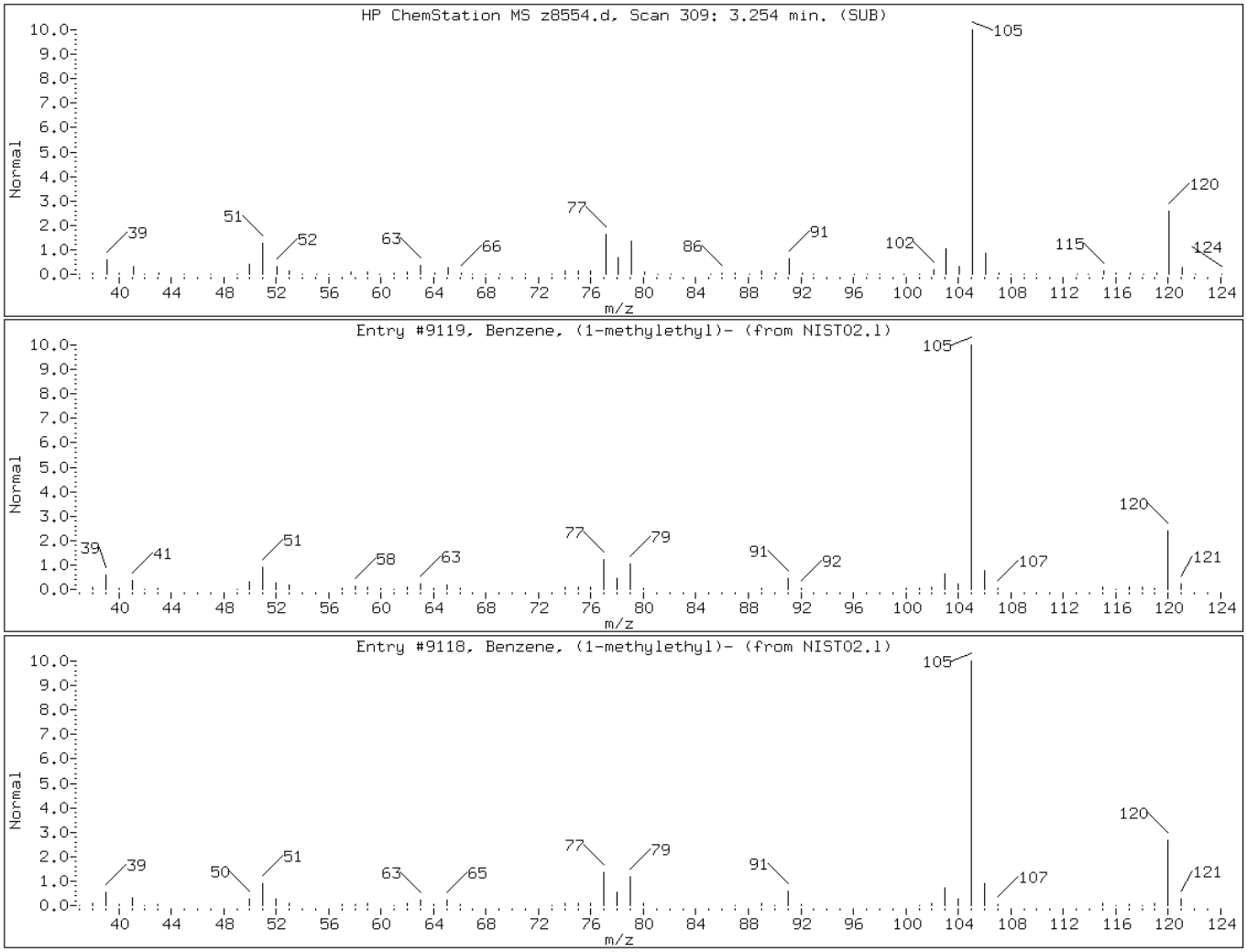
Date: 07-MAR-2010 17:15

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-17-A Operator: BNAMS 4

Retention Time: 3.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9119	94	C9H12	120
Benzene, (1-methylethyl)-	98-82-8	NIST02.l	9118	94	C9H12	120



Data File: z8554.d

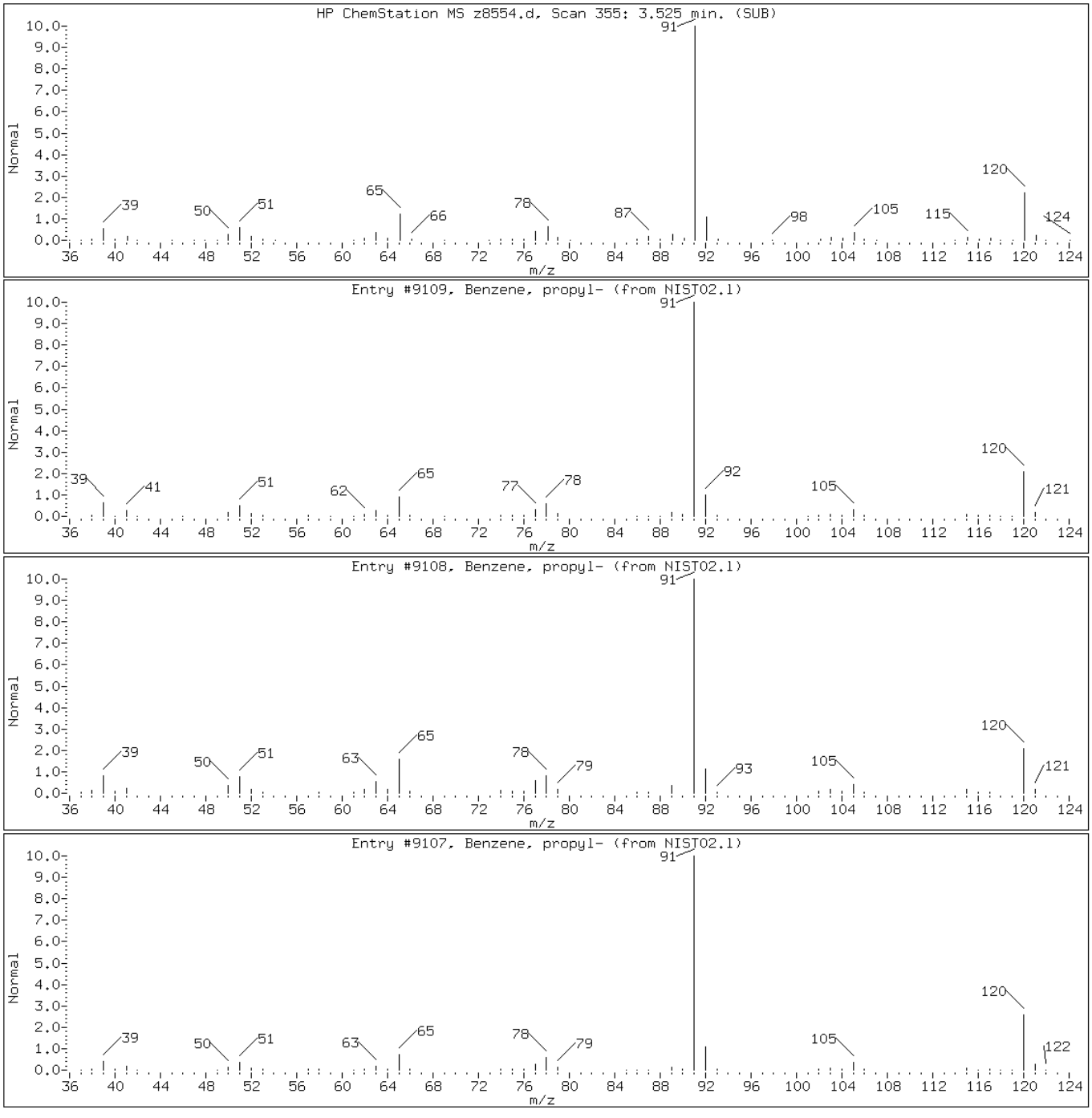
Date: 07-MAR-2010 17:15

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-17-A Operator: BNAMS 4

Retention Time: 3.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzene, propyl-	103-65-1	NIST02.l	9109	90	C9H12	120
Benzene, propyl-	103-65-1	NIST02.l	9108	90	C9H12	120
Benzene, propyl-	103-65-1	NIST02.l	9107	87	C9H12	120



Data File: z8554.d

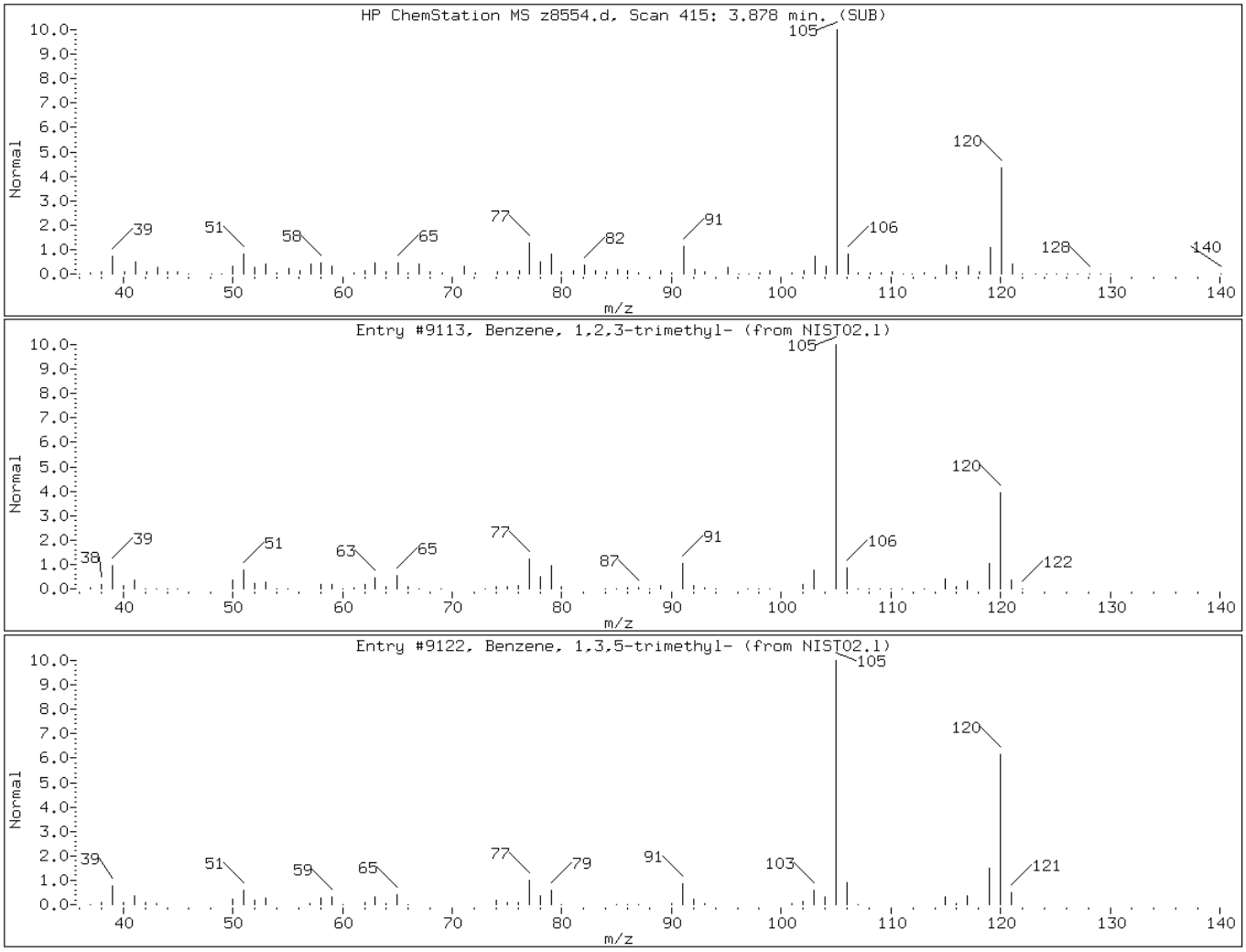
Date: 07-MAR-2010 17:15

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-17-A Operator: BNAMS 4

Retention Time: 3.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9113	97	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.l	9122	97	C9H12	120



Data File: z8554.d

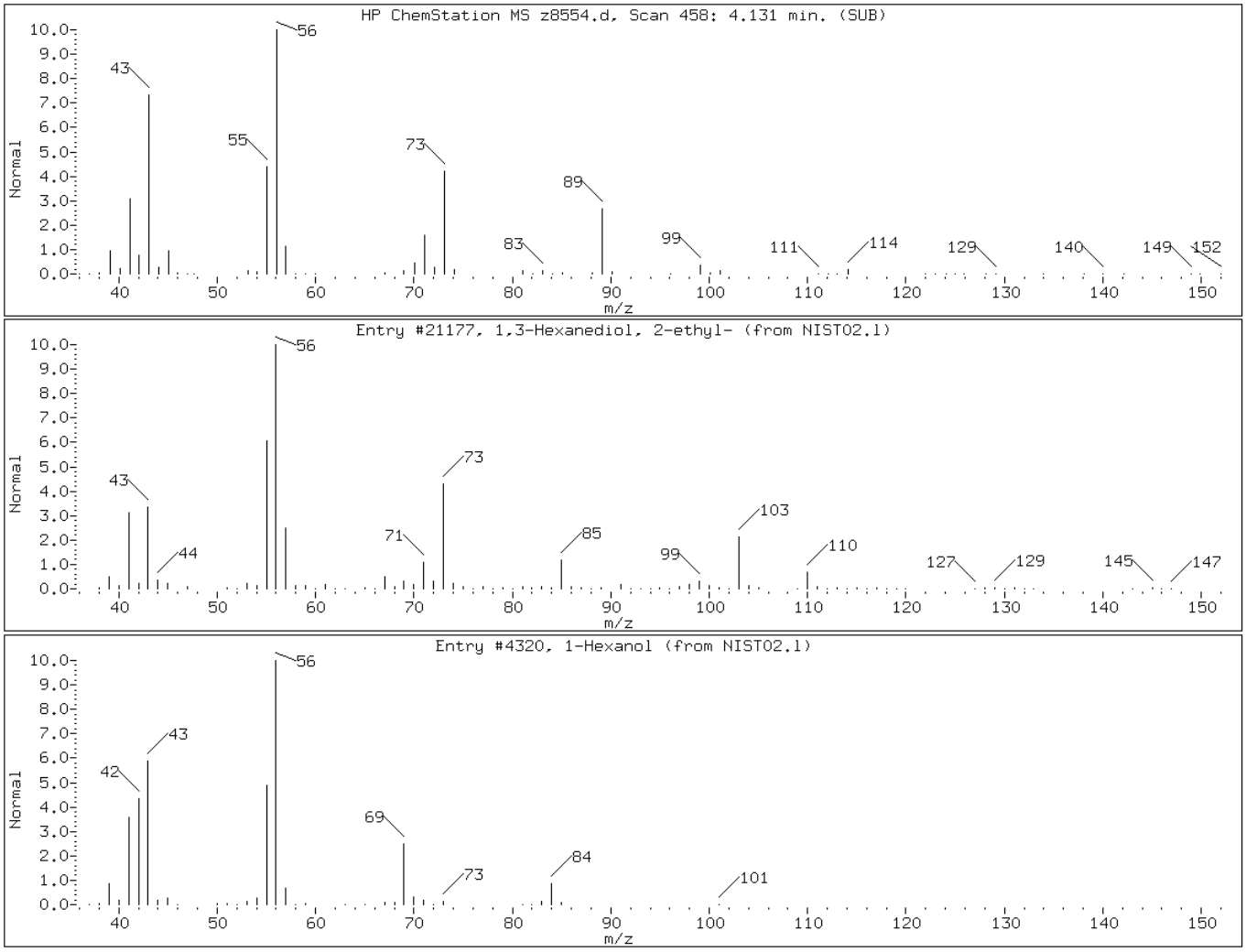
Date: 07-MAR-2010 17:15

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-17-A Operator: BNAMS 4

Retention Time: 4.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
1,3-Hexanediol, 2-ethyl-	94-96-2	NIST02.l	21177	40	C8H18O2	146
1-Hexanol	111-27-3	NIST02.l	4320	36	C6H14O	102



Data File: z8554.d

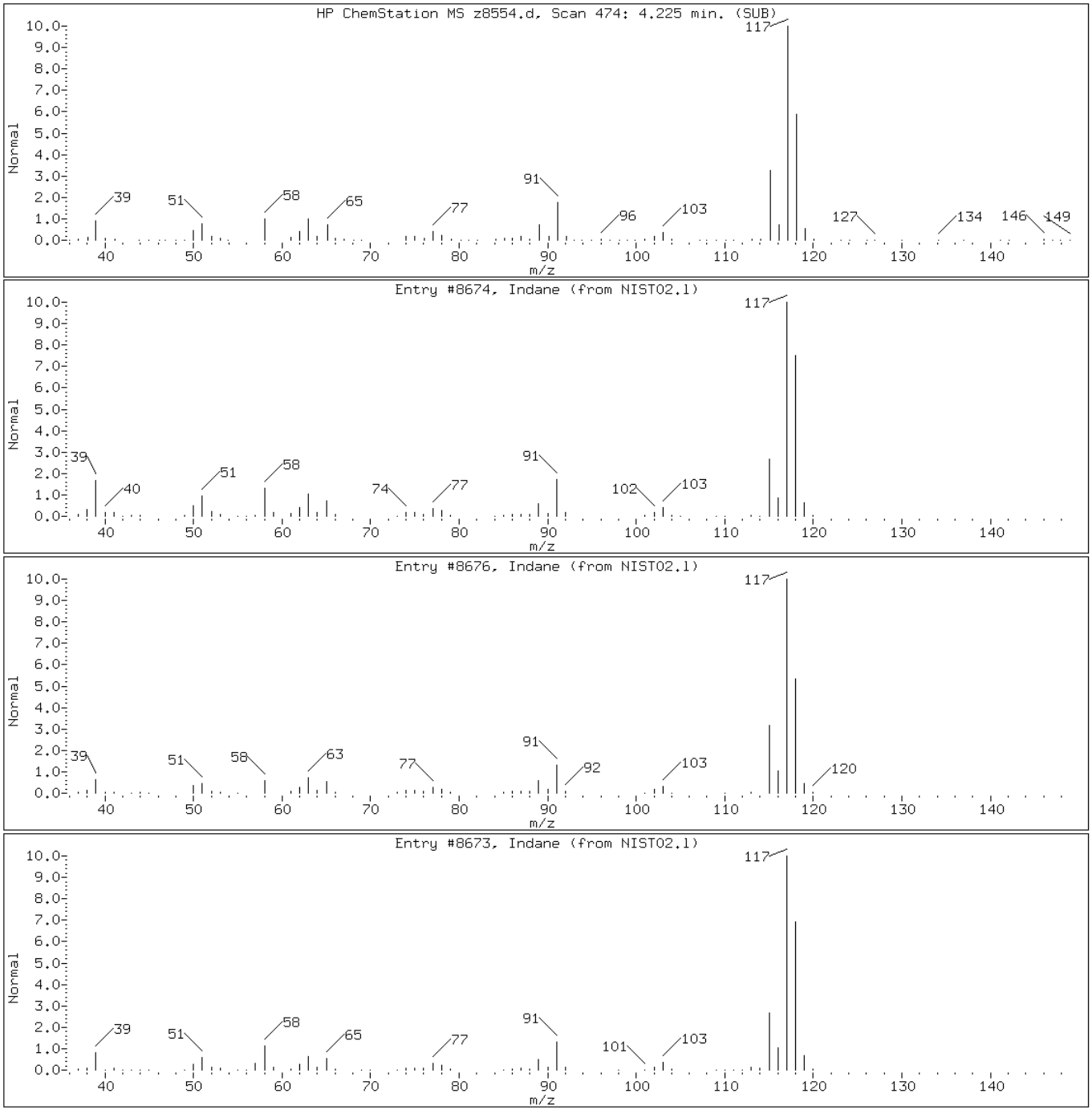
Date: 07-MAR-2010 17:15

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-17-A Operator: BNAMS 4

Retention Time: 4.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8674	96	C9H10	118
Indane	496-11-7	NIST02.l	8676	91	C9H10	118
Indane	496-11-7	NIST02.l	8673	81	C9H10	118



Data File: z8554.d

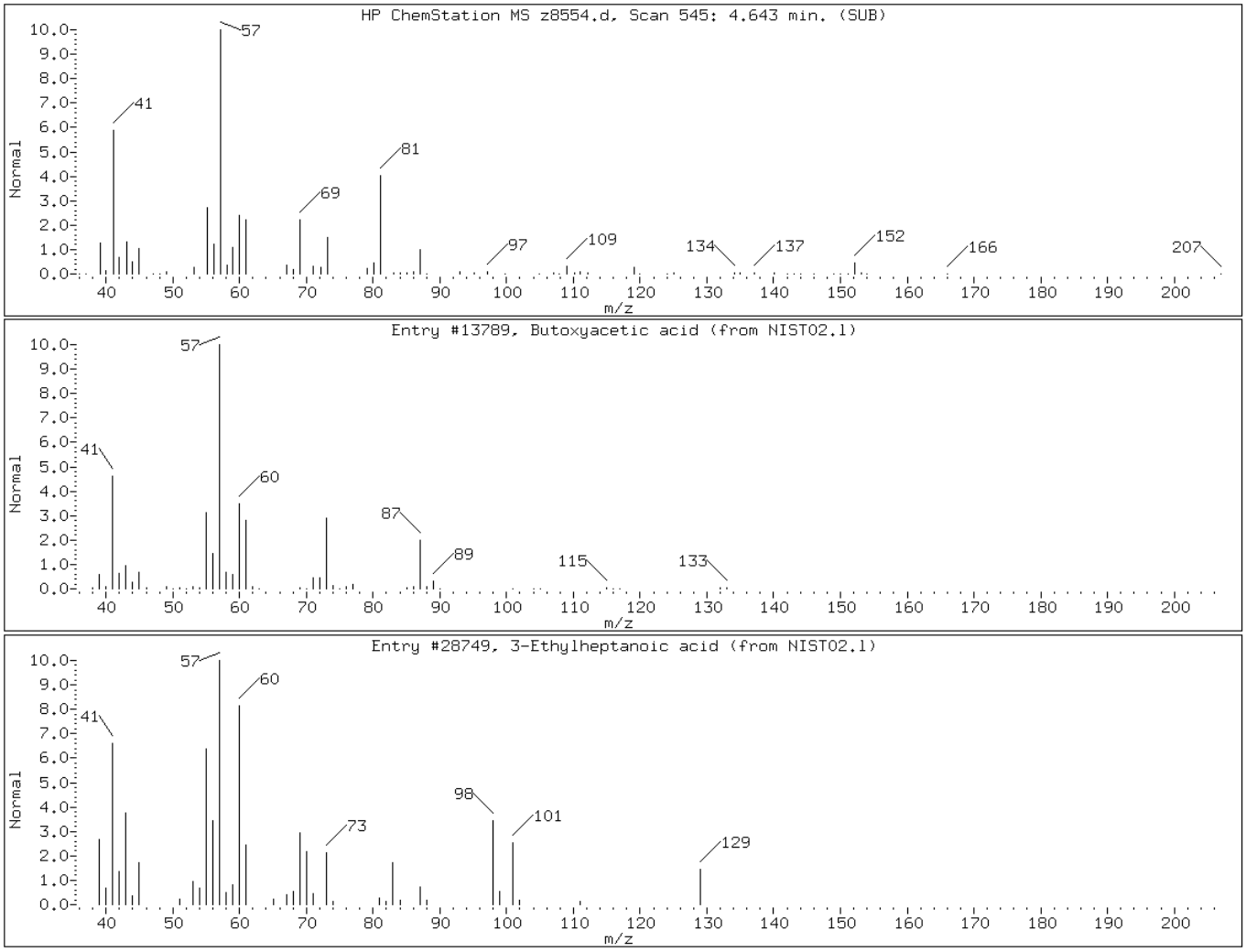
Date: 07-MAR-2010 17:15

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-17-A Operator: BNAMS 4

Retention Time: 4.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Butoxyacetic acid	2516-93-0	NIST02.l	13789	38	C6H12O3	132
3-Ethylheptanoic acid	14272-47-0	NIST02.l	28749	25	C9H18O2	158



Data File: z8554.d

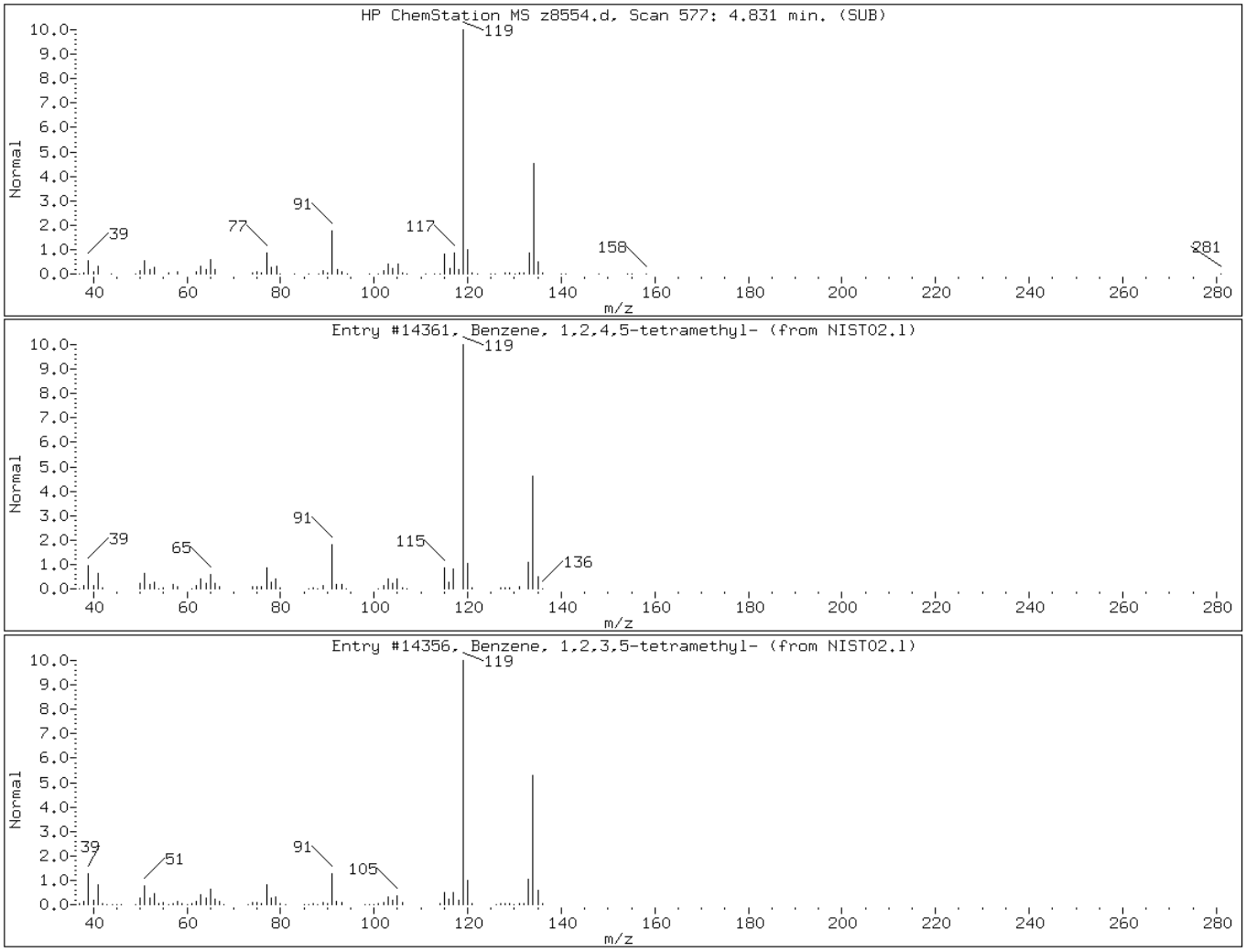
Date: 07-MAR-2010 17:15

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-17-A Operator: BNAMS 4

Retention Time: 4.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylnaphthalene isomer						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	96	C10H14	134
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14356	95	C10H14	134



Data File: z8554.d

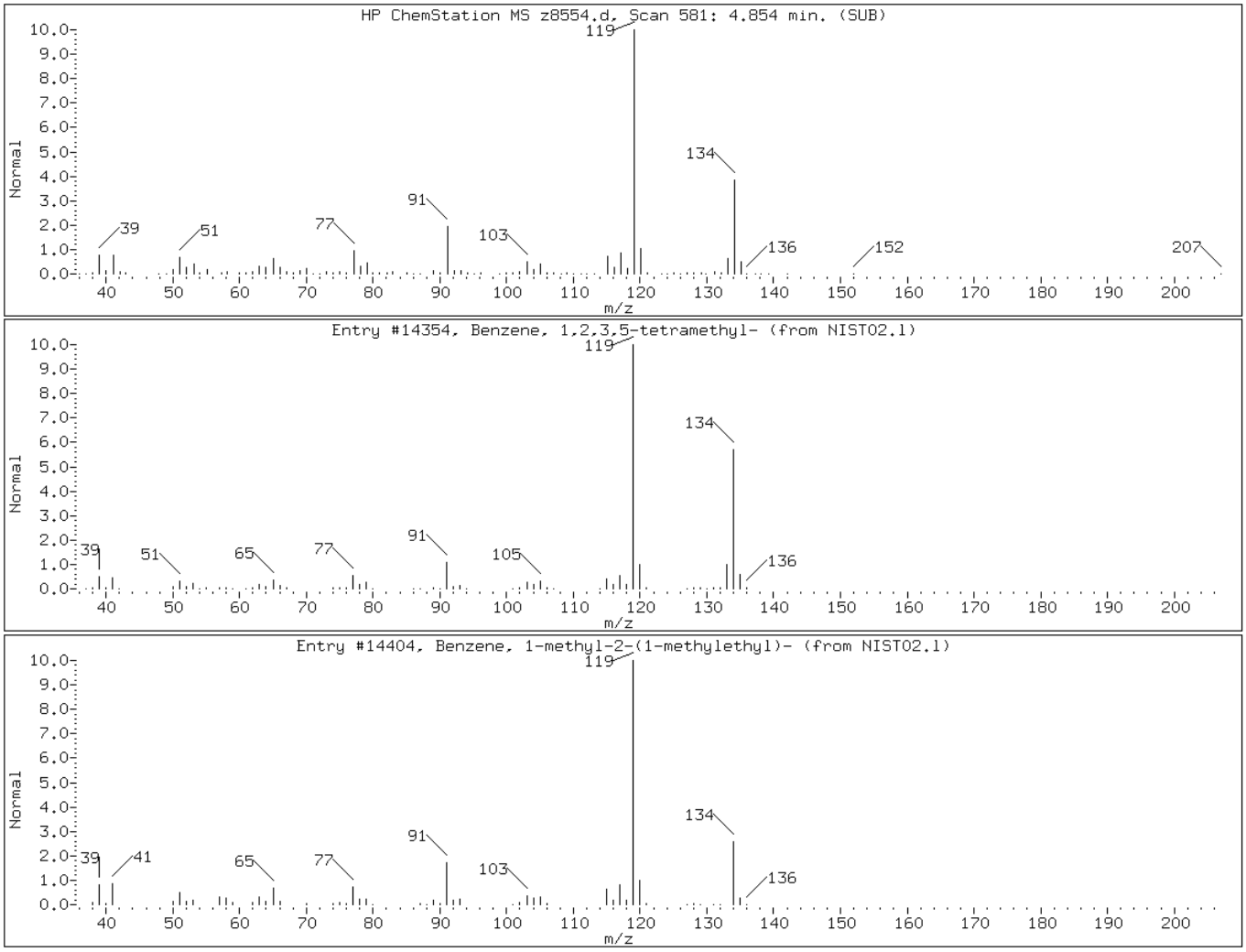
Date: 07-MAR-2010 17:15

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-17-A Operator: BNAMS 4

Retention Time: 4.85

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14354	96	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	95	C10H14	134



Data File: z8554.d

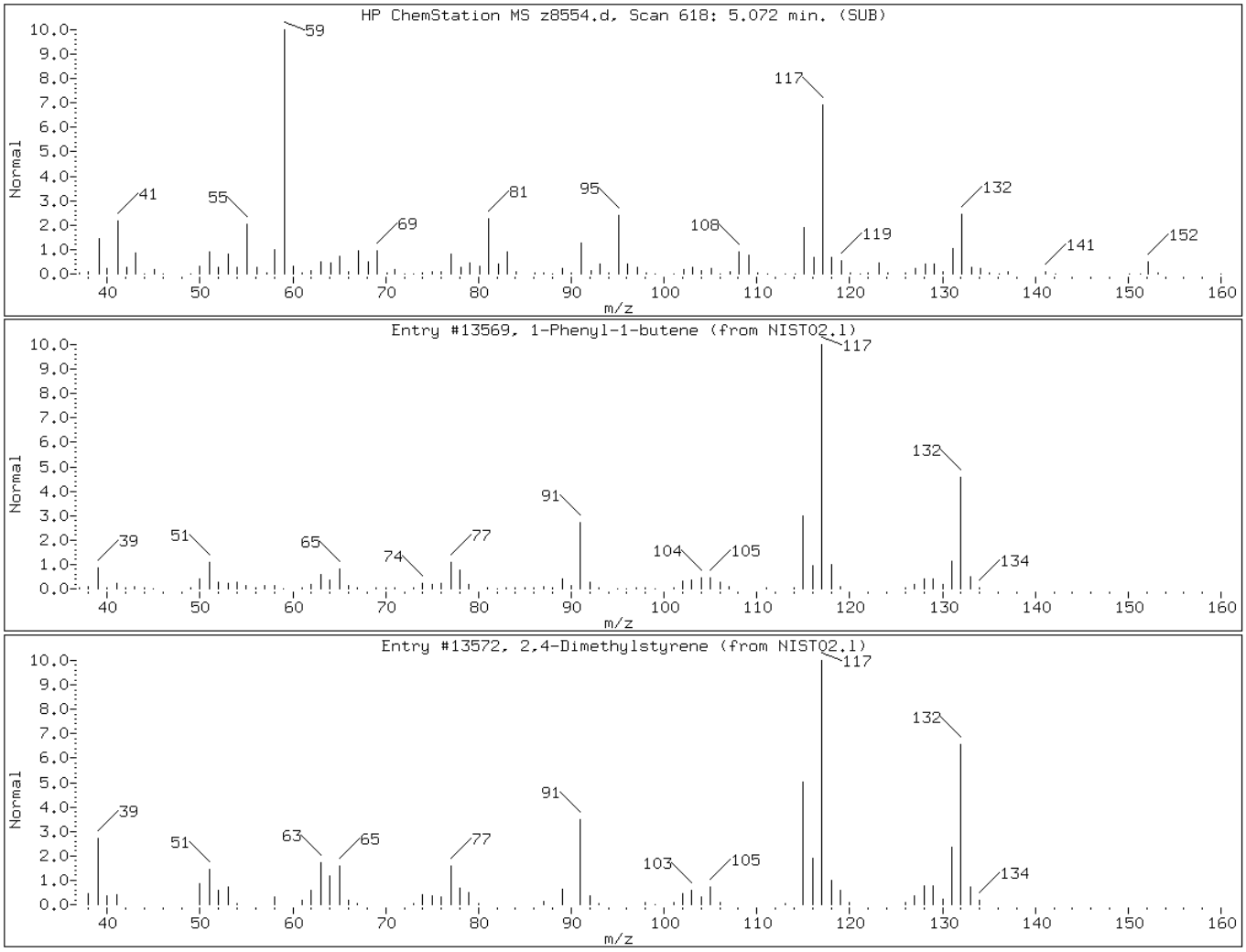
Date: 07-MAR-2010 17:15

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-17-A Operator: BNAMS 4

Retention Time: 5.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
1-Phenyl-1-butene	824-90-8	NIST02.l	13569	55	C10H12	132
2,4-Dimethylstyrene	2234-20-0	NIST02.l	13572	53	C10H12	132



Data File: z8554.d

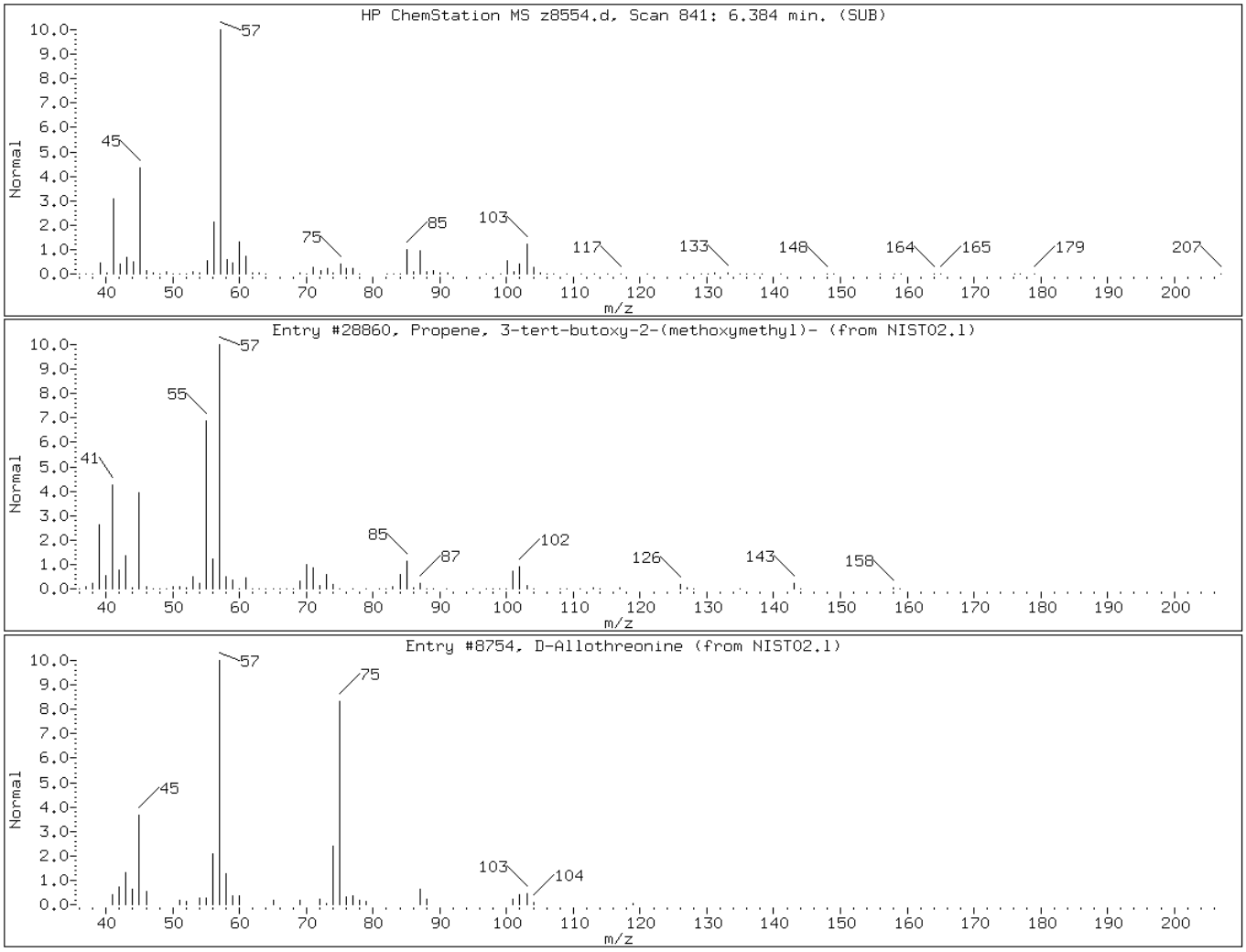
Date: 07-MAR-2010 17:15

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-17-A Operator: BNAMS 4

Retention Time: 6.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Propene, 3-tert-butoxy-2-(methoxym	23230-86-6	NIST02.l	28860	40	C9H18O2	158
D-Allothreonine	24830-94-2	NIST02.l	8754	38	C4H9NO3	119



Data File: z8554.d

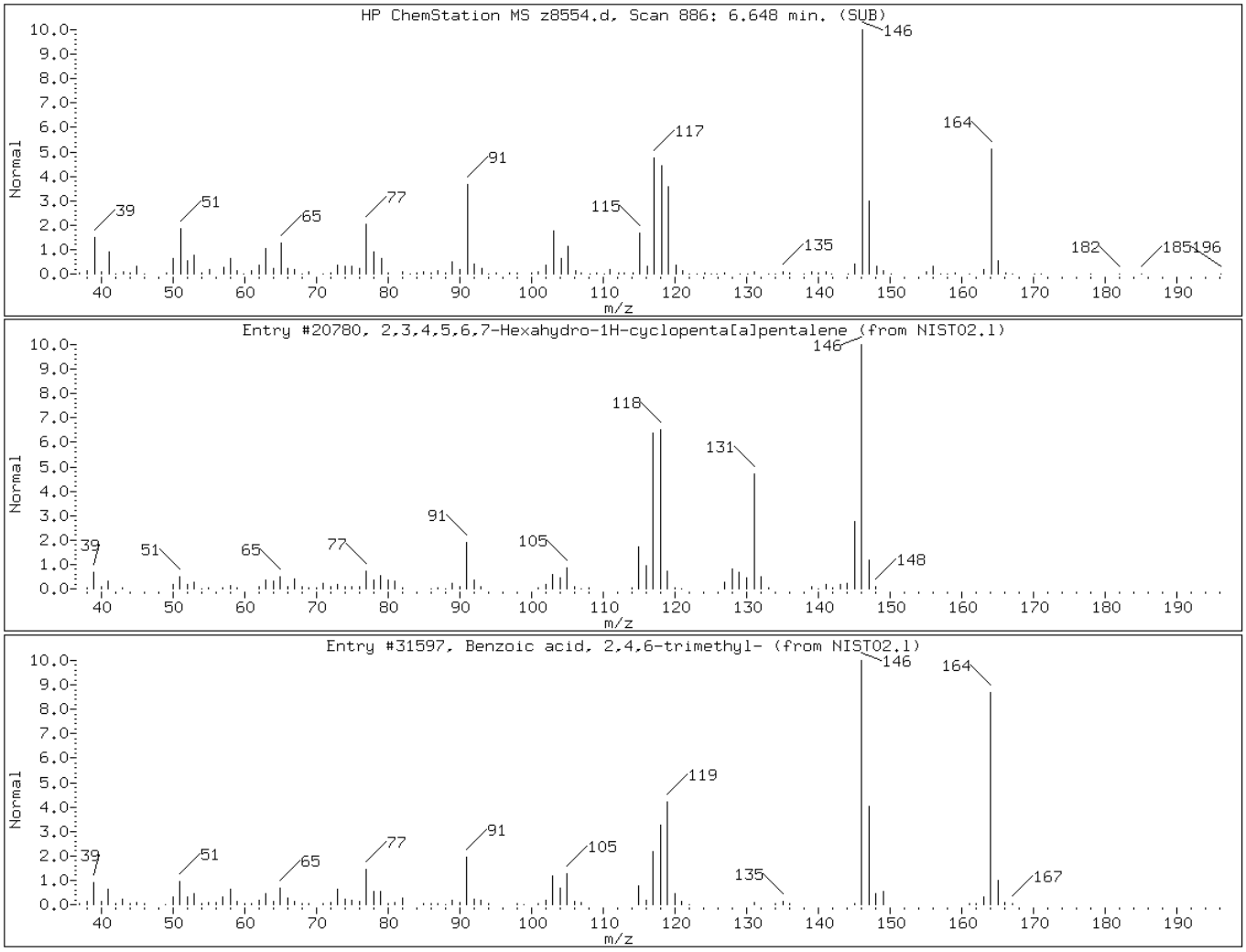
Date: 07-MAR-2010 17:15

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-17-A Operator: BNAMS 4

Retention Time: 6.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
2,3,4,5,6,7-Hexahydro-1H-cyclopent	1000189-31-0	NIST02.l	20780	50	C11H14	146
Benzoic acid, 2,4,6-trimethyl-	480-63-7	NIST02.l	31597	46	C10H12O2	164



Data File: z8554.d

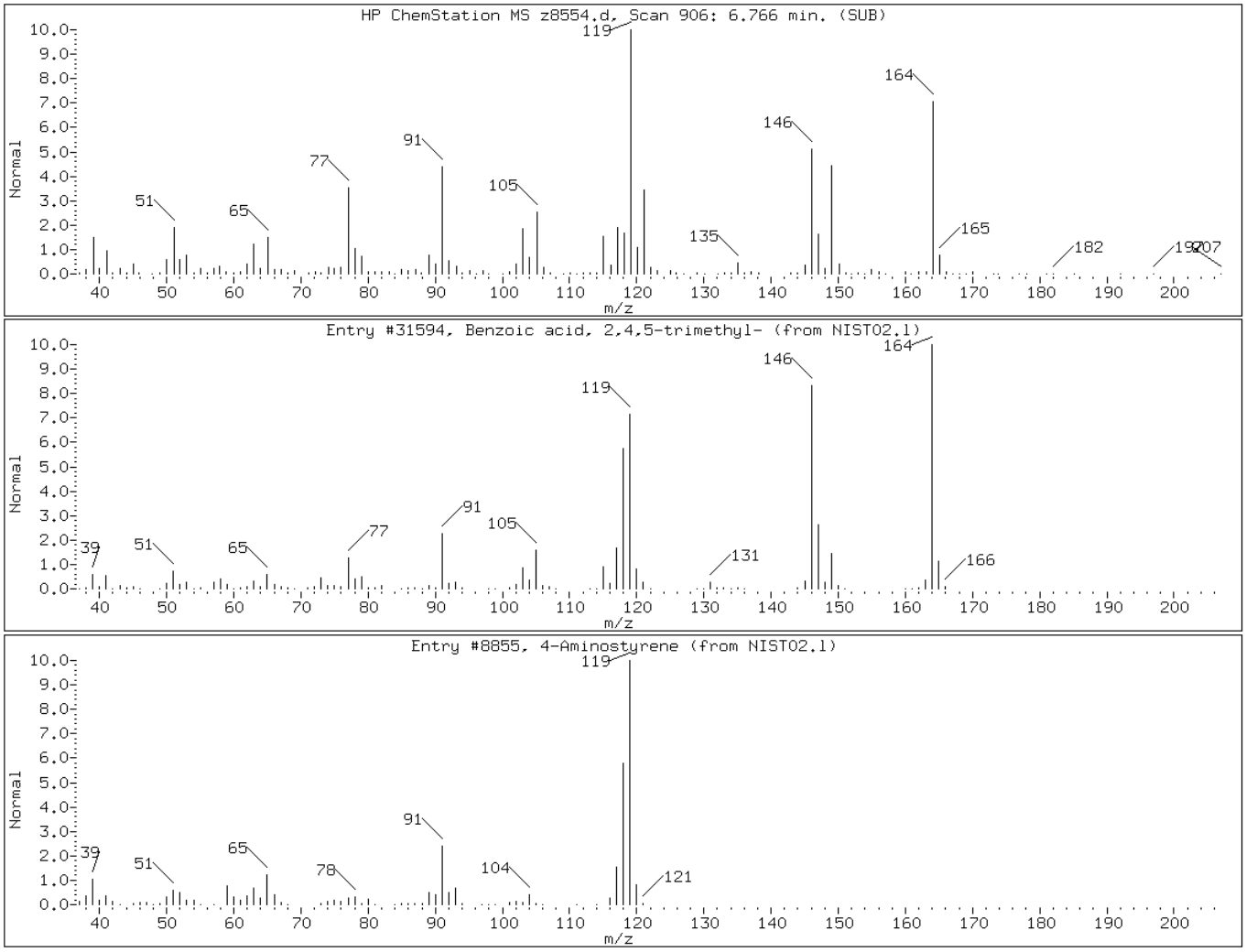
Date: 07-MAR-2010 17:15

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-17-A Operator: BNAMS 4

Retention Time: 6.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzoic acid isomer						
Benzoic acid, 2,4,5-trimethyl-	528-90-5	NIST02.l	31594	90	C10H12O2	164
4-Aminostyrene	1520-21-4	NIST02.l	8855	42	C8H9N	119



Data File: z8554.d

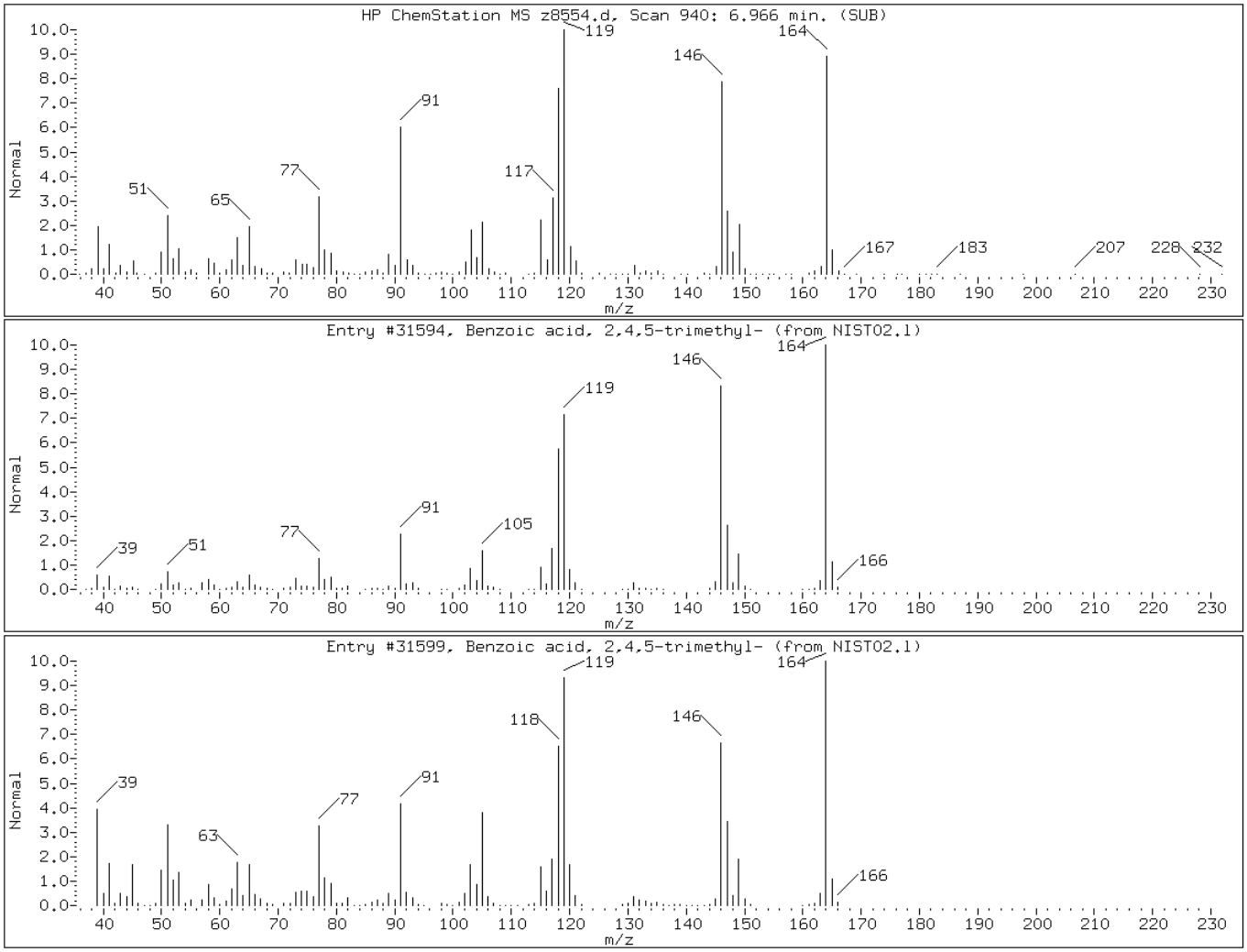
Date: 07-MAR-2010 17:15

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-17-A Operator: BNAMS 4

Retention Time: 6.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzoic acid isomer						
Benzoic acid, 2,4,5-trimethyl-	528-90-5	NIST02.l	31594	93	C10H12O2	164
Benzoic acid, 2,4,5-trimethyl-	528-90-5	NIST02.l	31599	80	C10H12O2	164



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-018 | Lab Sample ID: 460-10889-18

Matrix: GW | Lab File ID: z8555.d

Analysis Method: 8270C | Date Collected: 03/03/2010 12:00

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 17:40

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	5.4
108-95-2	Phenol	10	U	10	0.89
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
95-57-8	2-Chlorophenol	10	U	10	2.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.2
98-86-2	Acetophenone	10	U	10	4.3
91-57-6	2-Methylnaphthalene	10	U	10	3.1
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.7
88-74-4	2-Nitroaniline	20	U	20	5.7
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
78-59-1	Isophorone	10	U	10	3.6
88-75-5	2-Nitrophenol	10	U	10	3.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
100-01-6	4-Nitroaniline	20	U	20	4.0
100-02-7	4-Nitrophenol	30	U	30	2.3
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
1912-24-9	Atrazine	10	U	10	4.8
91-20-3	Naphthalene	10	U	10	3.7
100-52-7	Benzaldehyde	10	U *	10	1.3
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
105-60-2	Caprolactam	10	U	10	0.50
86-74-8	Carbazole	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
95-95-4	2,4,5-Trichlorophenol	10	U *	10	2.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-018 | Lab Sample ID: 460-10889-18

Matrix: GW | Lab File ID: z8555.d

Analysis Method: 8270C | Date Collected: 03/03/2010 12:00

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 17:40

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	10	U	10	3.3
91-58-7	2-Chloronaphthalene	10	U	10	3.8
206-44-0	Fluoranthene	10	U	10	2.6
86-73-7	Fluorene	10	U	10	3.3
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59
208-96-8	Acenaphthylene	10	U	10	4.0
99-09-2	3-Nitroaniline	20	U	20	4.3
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
132-64-9	Dibenzofuran	10	U	10	3.6
84-66-2	Diethyl phthalate	10	U	10	3.8
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-018 Lab Sample ID: 460-10889-18

Matrix: GW Lab File ID: z8555.d

Analysis Method: 8270C Date Collected: 03/03/2010 12:00

Extract. Method: 3510C Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/07/2010 17:40

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	92	50-119	
321-60-8	2-Fluorobiphenyl	83	61-112	
367-12-4	2-Fluorophenol (Surr)	51	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	87	61-120	
4165-62-2	Phenol-d5 (Surr)	36	9-48	
1718-51-0	Terphenyl-d14 (Surr)	77	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-018 Lab Sample ID: 460-10889-18

Matrix: GW Lab File ID: z8555.d

Analysis Method: 8270C Date Collected: 03/03/2010 12:00

Extract. Method: 3510C Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/07/2010 17:40

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8555.d
Report Date: 11-Mar-2010 14:30

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8555.d
Lab Smp Id: 460-10889-F-18-A Client Smp ID: GW-017338-030310-AC
Inj Date : 07-MAR-2010 17:40
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-18-A
Misc Info : 460-10889-F-18-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/8270Cdel_08.m
Meth Date : 09-Mar-2010 12:32 croccom Quant Type: ISTD
Cal Date : 07-MAR-2010 15:08 Cal File: z8549.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.766	2.766	(0.684)	682888	25.4642	51
$ 17 Phenol-d5 (SUR)	99	3.678	3.701	(0.910)	565786	17.9862	36
* 79 1,4-Dichlorobenzene-d4	152	4.043	4.048	(1.000)	680678	40.0000	
23 1,2-Dichlorobenzene	146	4.213	4.219	(1.042)	5949	0.23405	0.47(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.607	4.613	(0.864)	1346246	43.5294	87
* 80 Naphthalene-d8	136	5.331	5.337	(1.000)	2443235	40.0000	
31 Naphthalene	128	5.348	5.360	(1.003)	19051	0.29941	0.60(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.425	6.431	(0.907)	1625539	41.2519	82
* 82 Acenaphthene-d10	164	7.084	7.089	(1.000)	1093214	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.854	7.866	(1.109)	220489	45.7627	92
* 83 Phenanthrene-d10	188	8.537	8.542	(1.000)	1315654	40.0000	
$ 78 Terphenyl-d14	244	10.107	10.113	(0.900)	873521	38.3093	77
* 81 Chrysene-d12	240	11.225	11.236	(1.000)	761137	40.0000	
* 84 Perylene-d12	264	13.060	13.065	(1.000)	505227	40.0000	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8555.d
Report Date: 11-Mar-2010 14:30

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8555.d
Report Date: 11-Mar-2010 14:30

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8555.d
Lab Smp Id: 460-10889-F-18-A Client Smp ID: GW-017338-030310-AC
Inj Date : 07-MAR-2010 17:40
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-18-A
Misc Info : 460-10889-F-18-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/8270Cdel_08.m
Meth Date : 09-Mar-2010 12:32 croccom Quant Type: ISTD
Cal Date : 07-MAR-2010 15:08 Cal File: z8549.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

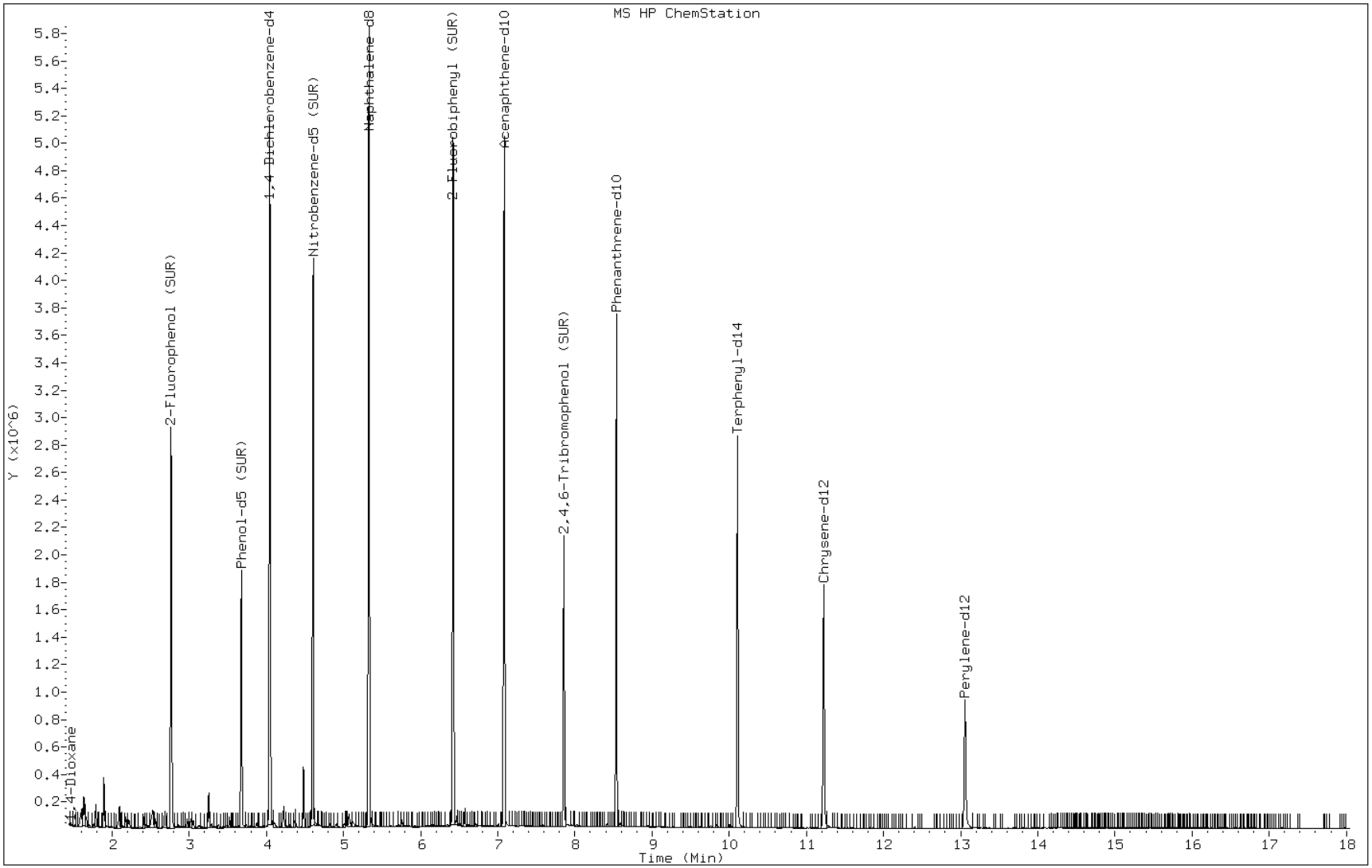
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z8555.d

Date: 07-MAR-2010 17:40

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-18-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-019 | Lab Sample ID: 460-10889-19

Matrix: GW | Lab File ID: z8556.d

Analysis Method: 8270C | Date Collected: 03/03/2010 12:55

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 18:04

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	5.4
108-95-2	Phenol	10	U	10	0.89
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
95-57-8	2-Chlorophenol	10	U	10	2.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.2
98-86-2	Acetophenone	20		10	4.3
91-57-6	2-Methylnaphthalene	10	U	10	3.1
95-48-7	2-Methylphenol	140		10	1.7
88-74-4	2-Nitroaniline	20	U	20	5.7
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
78-59-1	Isophorone	10	U	10	3.6
88-75-5	2-Nitrophenol	10	U	10	3.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
105-67-9	2,4-Dimethylphenol	220		10	2.5
100-01-6	4-Nitroaniline	20	U	20	4.0
100-02-7	4-Nitrophenol	30	U	30	2.3
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
1912-24-9	Atrazine	10	U	10	4.8
91-20-3	Naphthalene	10	U	10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
105-60-2	Caprolactam	10	U	10	0.50
86-74-8	Carbazole	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
95-95-4	2,4,5-Trichlorophenol	10	U *	10	2.5
131-11-3	Dimethyl phthalate	10	U	10	3.3
91-58-7	2-Chloronaphthalene	10	U	10	3.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-019 | Lab Sample ID: 460-10889-19

Matrix: GW | Lab File ID: z8556.d

Analysis Method: 8270C | Date Collected: 03/03/2010 12:55

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 18:04

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
206-44-0	Fluoranthene	10	U	10	2.6
86-73-7	Fluorene	10	U	10	3.3
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59
208-96-8	Acenaphthylene	10	U	10	4.0
99-09-2	3-Nitroaniline	20	U	20	4.3
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
132-64-9	Dibenzofuran	10	U	10	3.6
84-66-2	Diethyl phthalate	10	U	10	3.8
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	101	50-119	
321-60-8	2-Fluorobiphenyl	72	61-112	
367-12-4	2-Fluorophenol (Surr)	13	14-68	X
4165-60-0	Nitrobenzene-d5 (Surr)	88	61-120	
4165-62-2	Phenol-d5 (Surr)	40	9-48	
1718-51-0	Terphenyl-d14 (Surr)	74	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-019 | Lab Sample ID: 460-10889-19

Matrix: GW | Lab File ID: z8556.d

Analysis Method: 8270C | Date Collected: 03/03/2010 12:55

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 18:04

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

Number TICs Found: 22 | TIC Result Total: 19442

CAS NO.	COMPOUND NAME	RT	RESULT	Q
108-88-3	Toluene	2.07	7600	T J N
107-92-6	Butanoic acid	2.45	88	T J N
	Unknown	2.61	39	T J
100-41-4	Ethylbenzene	2.78	2300	T J N
	Unknown	2.81	530	T J
	Unknown-2	2.91	2500	T J
	Xylene isomer	3.09	1500	T J
	Ethylmethylbenzene isomer	3.61	25	T J
	Trimethylbenzene isomer	3.89	41	T J
	Unknown Organic Acid	3.92	22	T J
15831-10-4	3 & 4 Methylphenol	4.49	350	E
	Unknown-3	4.52	290	T J
	Nonylphenol isomer	4.75	31	T J
	Unknown-4	4.87	160	T J
	Unknown-5	5.17	29	T J
	Nonylphenol isomer	5.23	55	T J
	Unknown-6	5.72	30	T J
103-82-2	Benzeneacetic acid	5.81	37	T J N
83-33-0	1H-Inden-1-one, 2,3-dihydro-	5.94	69	T J N
	Unknown-7	6.68	3700	T J
	Unknown-8	6.90	25	T J
	Unknown-9	7.01	21	T J

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8556.d
Report Date: 11-Mar-2010 15:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8556.d
Lab Smp Id: 460-10889-F-19-A Client Smp ID: GW-017338-030310-RE
Inj Date : 07-MAR-2010 18:04
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-19-A
Misc Info : 460-10889-F-19-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/8270Cdel_08.m
Meth Date : 09-Mar-2010 12:32 croccom Quant Type: ISTD
Cal Date : 07-MAR-2010 15:08 Cal File: z8549.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.896	2.766	(0.714)	129101	6.39651	13(R)
110 Benzaldehyde	77	3.619	3.601	(0.893)	132446	28.5439	57
$ 17 Phenol-d5 (SUR)	99	3.707	3.701	(0.914)	469535	19.8331	40
* 79 1,4-Dichlorobenzene-d4	152	4.054	4.048	(1.000)	512281	40.0000	
23 1,2-Dichlorobenzene	146	4.225	4.219	(1.042)	4099	0.21427	0.43(a)
3 2-Methylphenol	108	4.331	4.319	(1.068)	1186476	71.6506	140
4 4-Methylphenol	108	4.490	4.484	(1.107)	2223305	174.037	350(A)
121 3 & 4 Methylphenol	108	4.490	4.484	(1.107)	2223305	174.037	350(A)
104 Acetophenone	105	4.460	4.466	(1.100)	218424	10.2131	20
$ 76 Nitrobenzene-d5 (SUR)	82	4.613	4.613	(0.864)	1026025	44.0764	88
6 2,4-Dimethylphenol	122	5.037	5.013	(0.944)	1689343	111.846	220
* 80 Naphthalene-d8	136	5.337	5.337	(1.000)	1838974	40.0000	
31 Naphthalene	128	5.354	5.360	(1.003)	41807	0.87294	1.7(a)
34 2-Methylnaphthalene	142	6.048	6.054	(1.133)	6166	0.22814	0.46(a)
120 1-Methylnaphthalene	142	6.148	6.154	(1.152)	2928	0.11078	0.22(a)

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8556.d
Report Date: 11-Mar-2010 15:04

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 77 2-Fluorobiphenyl (SUR)	172	6.425	6.431	(0.905)	1172234	35.9058	72
* 82 Acenaphthene-d10	164	7.095	7.089	(1.000)	905735	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.878	7.866	(1.110)	202041	50.6137	100
* 83 Phenanthrene-d10	188	8.554	8.542	(1.000)	1121366	40.0000	
$ 78 Terphenyl-d14	244	10.113	10.113	(0.901)	935374	36.9813	74
* 81 Chrysene-d12	240	11.224	11.236	(1.000)	844300	40.0000	
* 84 Perylene-d12	264	13.060	13.065	(1.000)	629433	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8556.d
Report Date: 11-Mar-2010 15:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8556.d
Lab Smp Id: 460-10889-F-19-A Client Smp ID: GW-017338-030310-RE
Inj Date : 07-MAR-2010 18:04
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-19-A
Misc Info : 460-10889-F-19-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/8270Cdel_08.m
Meth Date : 09-Mar-2010 12:32 croccom Quant Type: ISTD
Cal Date : 07-MAR-2010 15:08 Cal File: z8549.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

ISTD		RT	AREA	AMOUNT
* 79	1,4-Dichlorobenzene-d4	4.054	4350109	40.000
* 80	Naphthalene-d8	5.337	5167790	40.000
* 82	Acenaphthene-d10	7.095	4361831	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Toluene				CAS #: 108-88-3			
2.072	4.141e+08	3807.52856	7600	91	NIST02.l	2400	79

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8556.d
Report Date: 11-Mar-2010 15:04

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Butanoic acid					CAS #: 107-92-6		
2.454	4778675	43.9407381	88	59	NIST02.l	1989	79
Unknown					CAS #:		
2.613	2146888	19.7410017	39	0		0	79
Ethylbenzene					CAS #: 100-41-4		
2.778	1.272e+08	1169.18745	2300	96	NIST02.l	4961	79
Unknown					CAS #:		
2.813	28656664	263.502950	530	0		0	79
Unknown-2					CAS #:		
2.913	1.376e+08	1265.24432	2500	0		0	79
Xylene isomer					CAS #:		
3.090	82896345	762.246138	1500	0		0	79
Ethylmethylbenzene isomer					CAS #:		
3.607	1369793	12.5954840	25	0		0	79
Trimethylbenzene isomer					CAS #:		
3.890	2235945	20.5598980	41	0		0	79
Unknown Organic Acid					CAS #:		
3.925	1179566	10.8463162	22	0		0	79
Unknown-3					CAS #:		
4.519	15636014	143.775839	290	0		0	79
Nonylphenol isomer					CAS #:		
4.754	1979624	15.3227875	31	0		0	80
Unknown-4					CAS #:		
4.872	10531853	81.5191967	160	0		0	80
Unknown-5					CAS #:		
5.166	1905040	14.7454938	29	0		0	80
Nonylphenol isomer					CAS #:		
5.231	3552670	27.4985632	55	0		0	80
Unknown-6					CAS #:		
5.725	1933771	14.9678770	30	0		0	80

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8556.d
Report Date: 11-Mar-2010 15:04

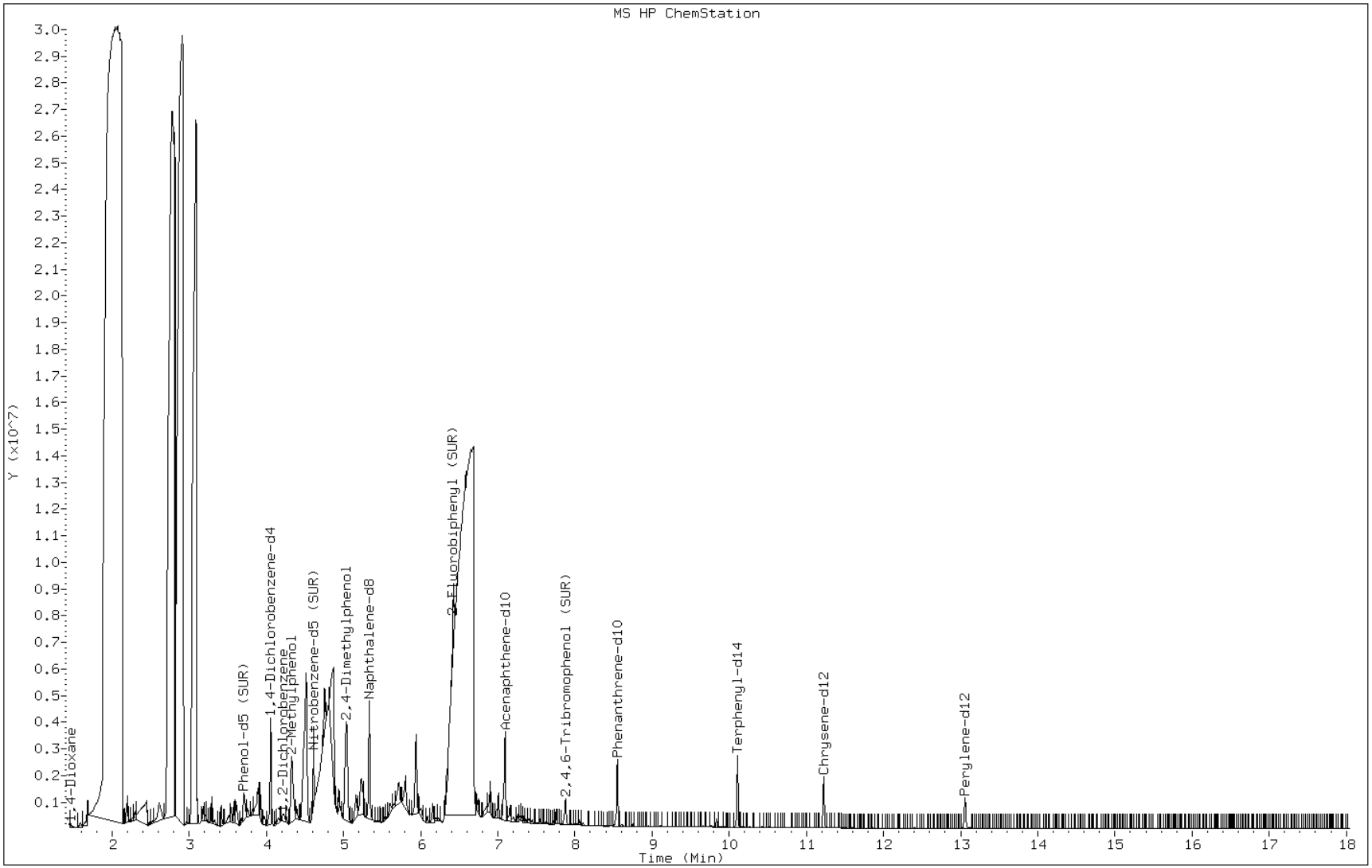
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Benzeneacetic acid					CAS #: 103-82-2		
5.807	2393998	18.5301462	37	91	NIST02.l	15708	80
1H-Inden-1-one, 2,3-dihydro-					CAS #: 83-33-0		
5.942	4478023	34.6610256	69	96	NIST02.l	14053	80
Unknown-7					CAS #:		
6.684	2.003e+08	1837.25615	3700	0		0	82
Unknown-8					CAS #:		
6.901	1337315	12.2637910	24	0		0	82
Unknown-9					CAS #:		
7.013	1128583	10.3496237	21	0		0	82

Data File: z8556.d

Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4



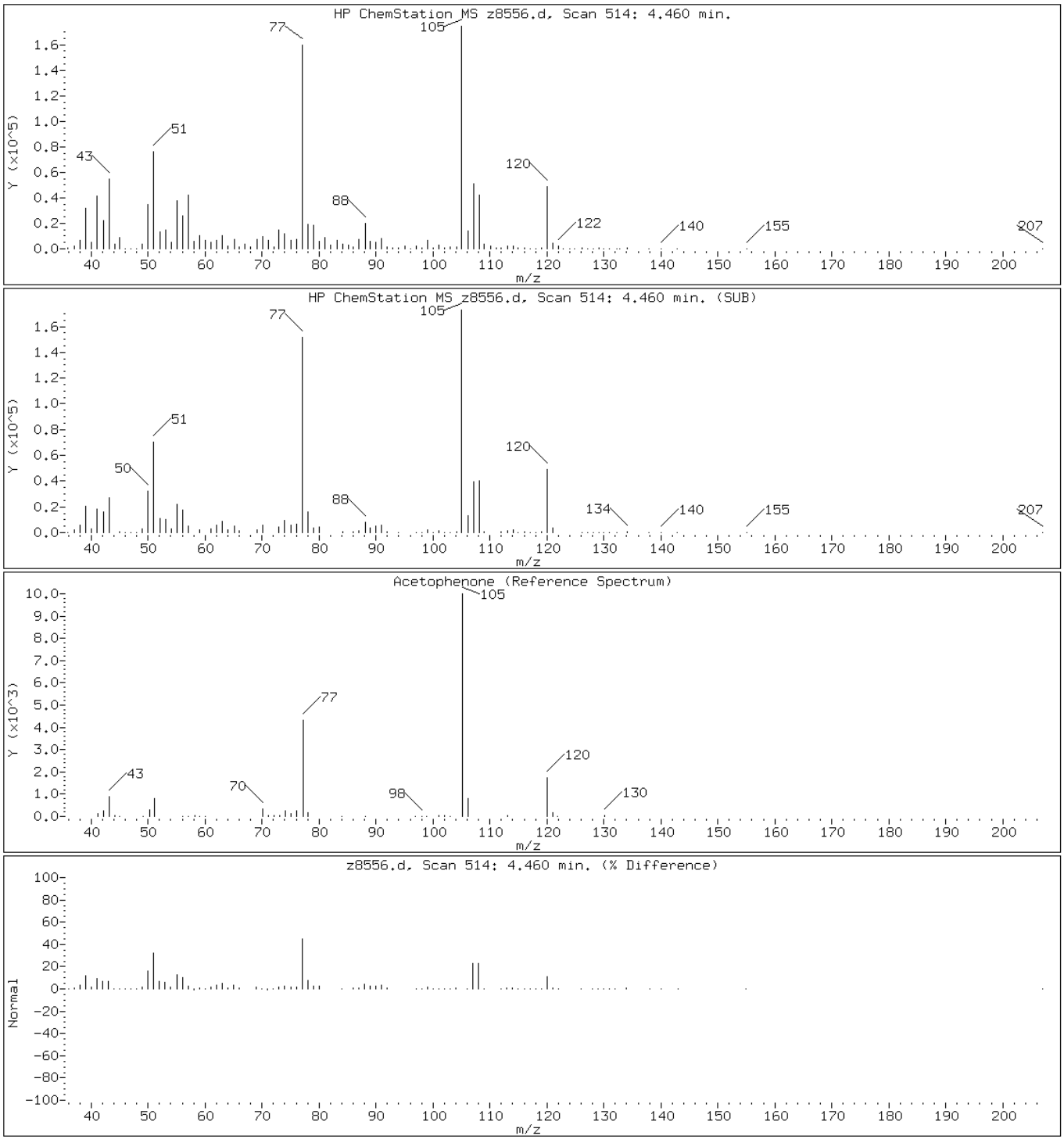
Data File: z8556.d

Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

104 Acetophenone



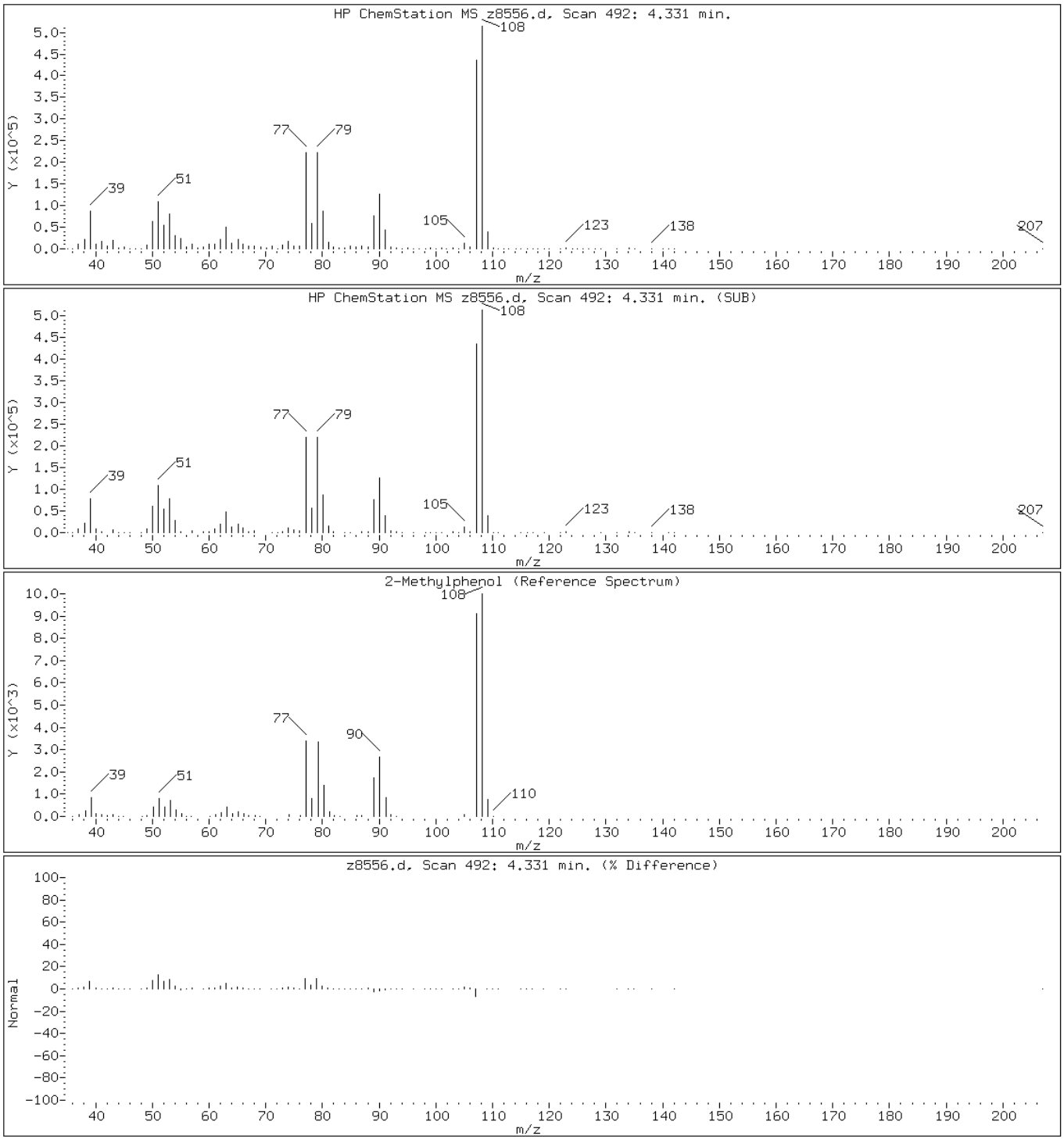
Data File: z8556.d

Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

3 2-Methylphenol



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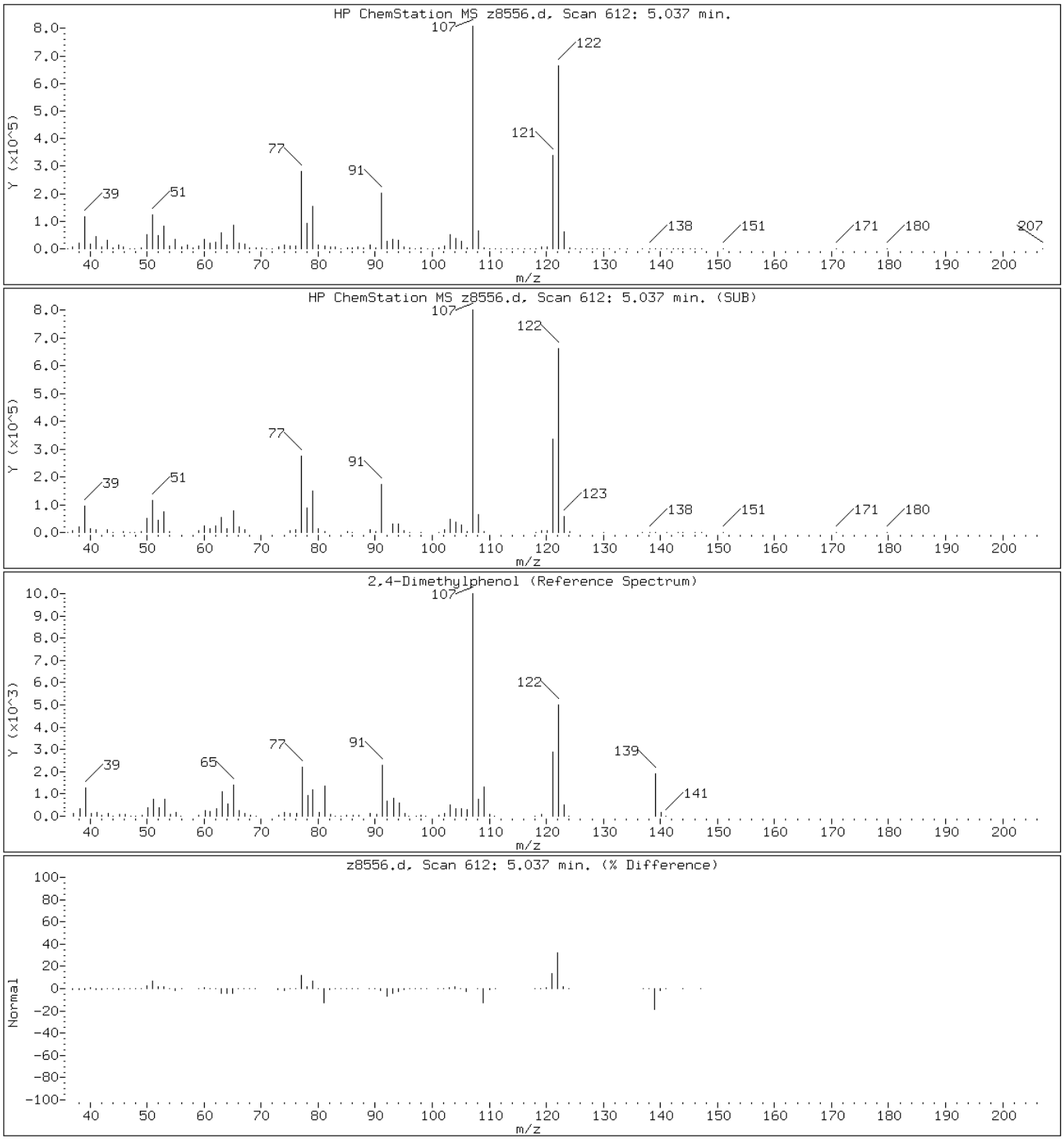
Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

6 2,4-Dimethylphenol



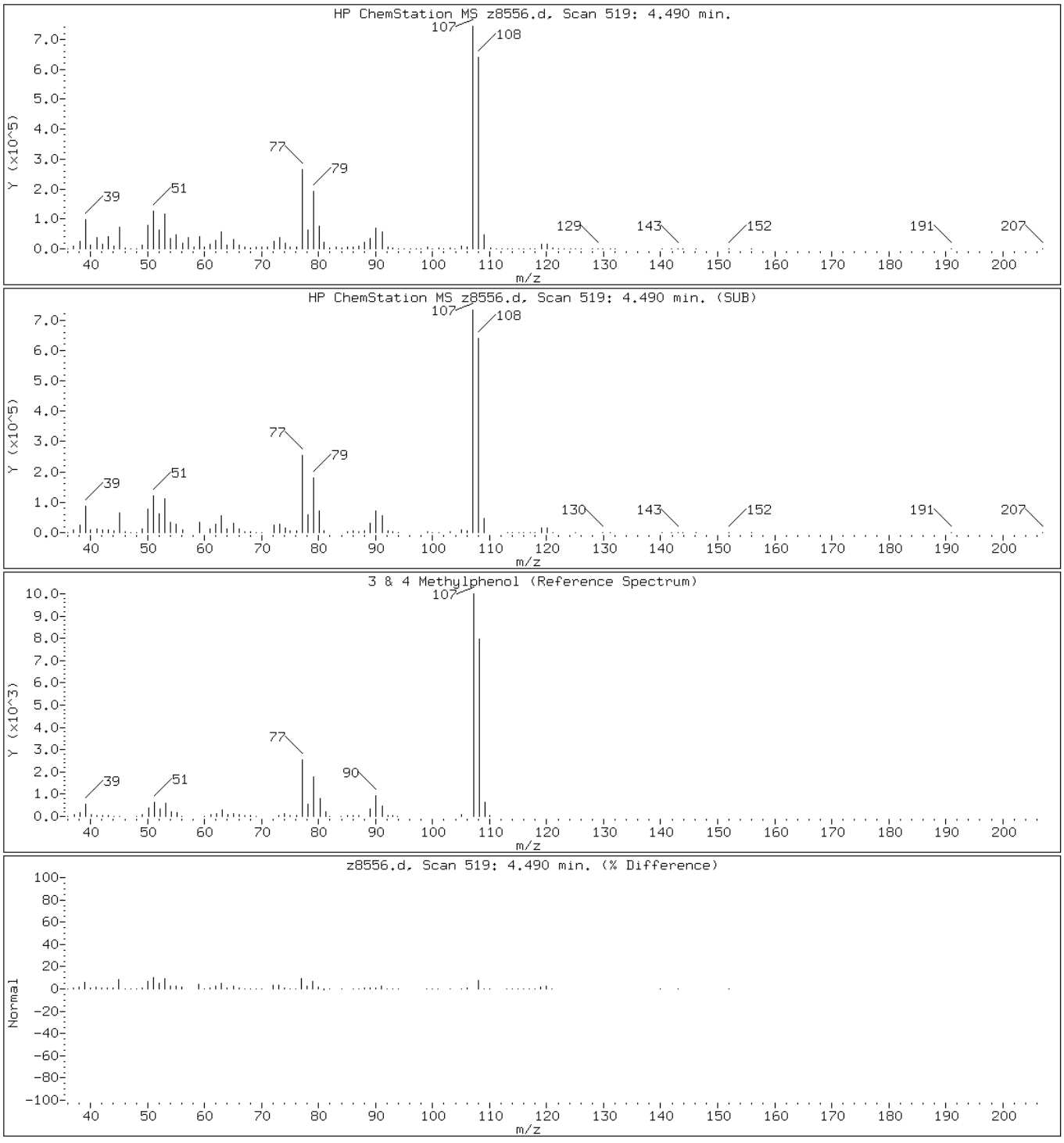
Data File: z8556.d

Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

121 3 & 4 Methylphenol



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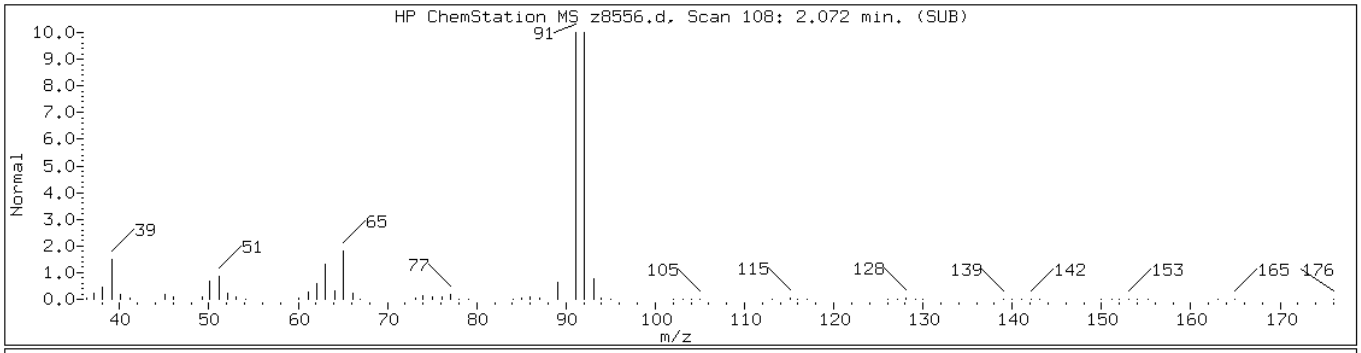
Date: 07-MAR-2010 18:04

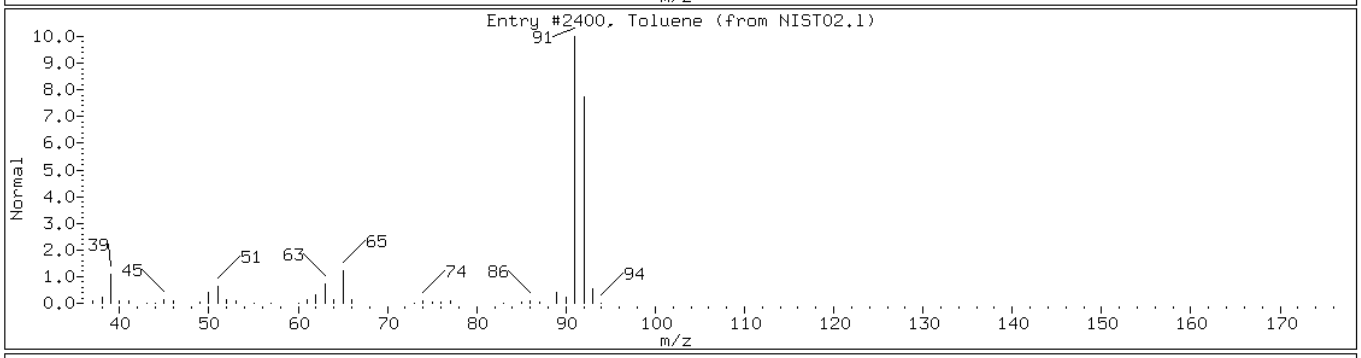
Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

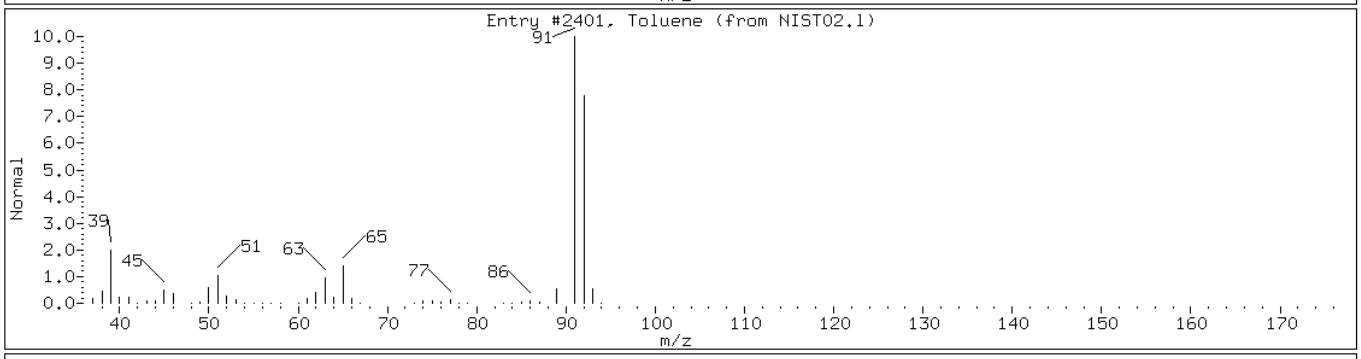
Sample Info: 460-10889-F-19-A Operator: BNAMS 4

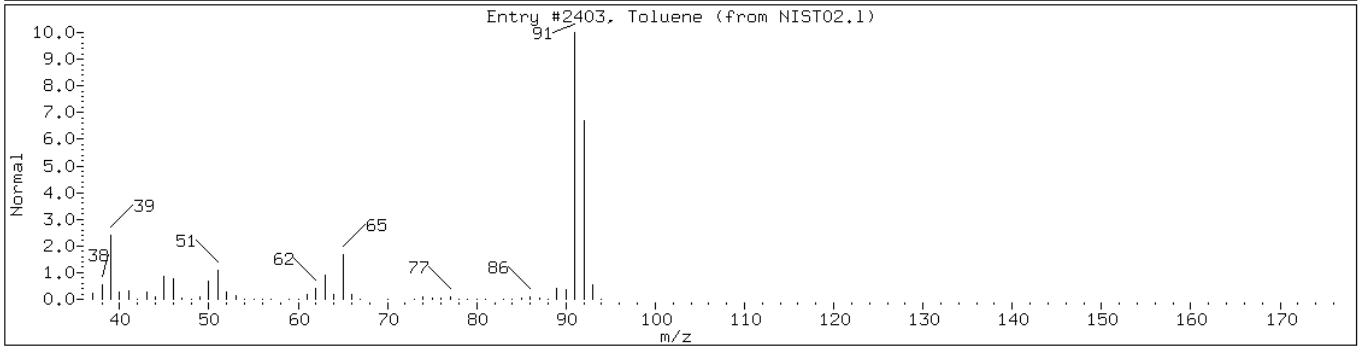
Retention Time: 2.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Toluene	108-88-3	NIST02.l	2400	91	C7H8	92
Toluene	108-88-3	NIST02.l	2401	91	C7H8	92
Toluene	108-88-3	NIST02.l	2403	91	C7H8	92









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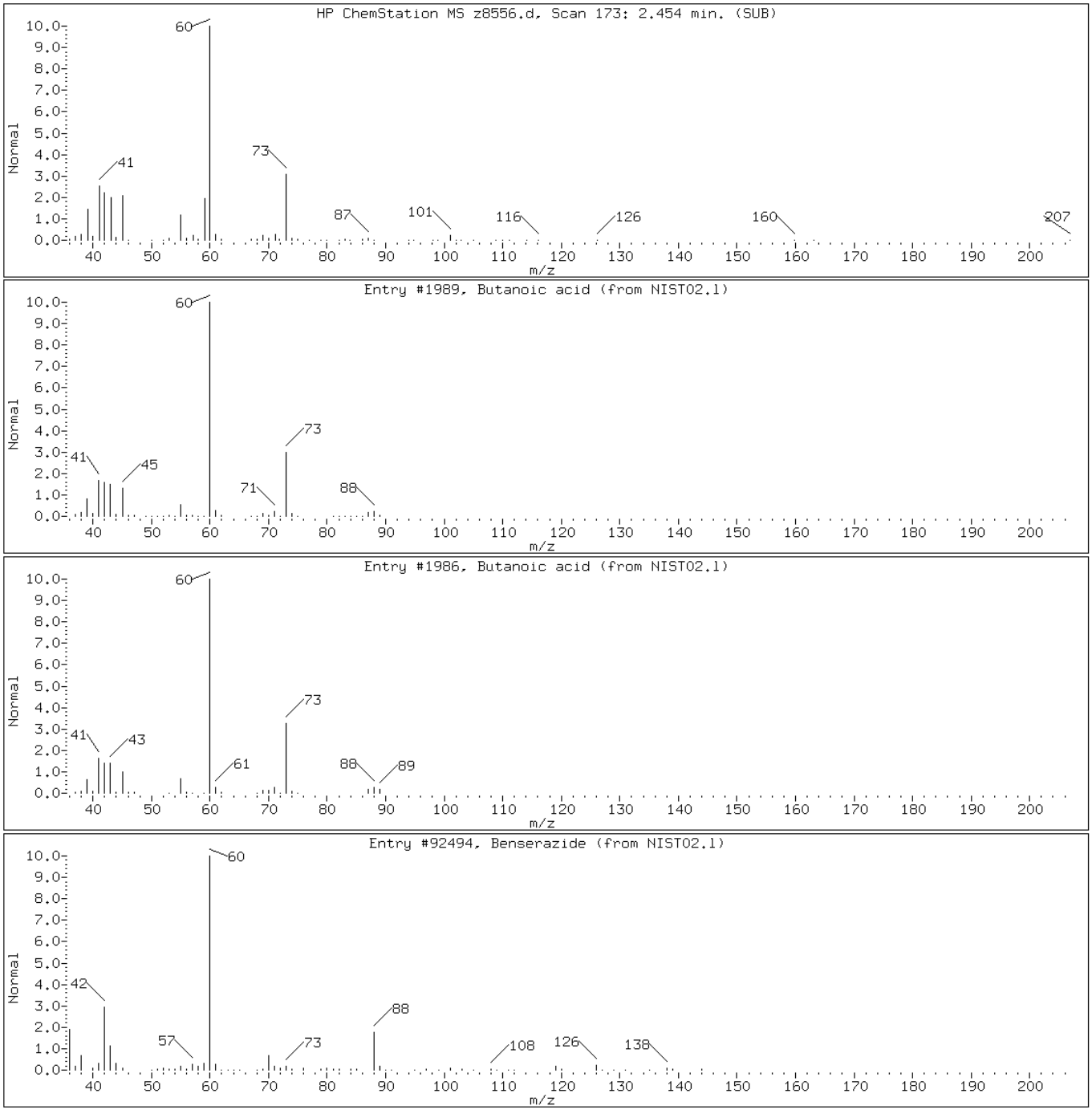
Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

Retention Time: 2.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Butanoic acid	107-92-6	NIST02.l	1989	59	C4H8O2	88
Butanoic acid	107-92-6	NIST02.l	1986	42	C4H8O2	88
Benserazide	322-35-0	NIST02.l	92494	28	C10H15N3O5	257



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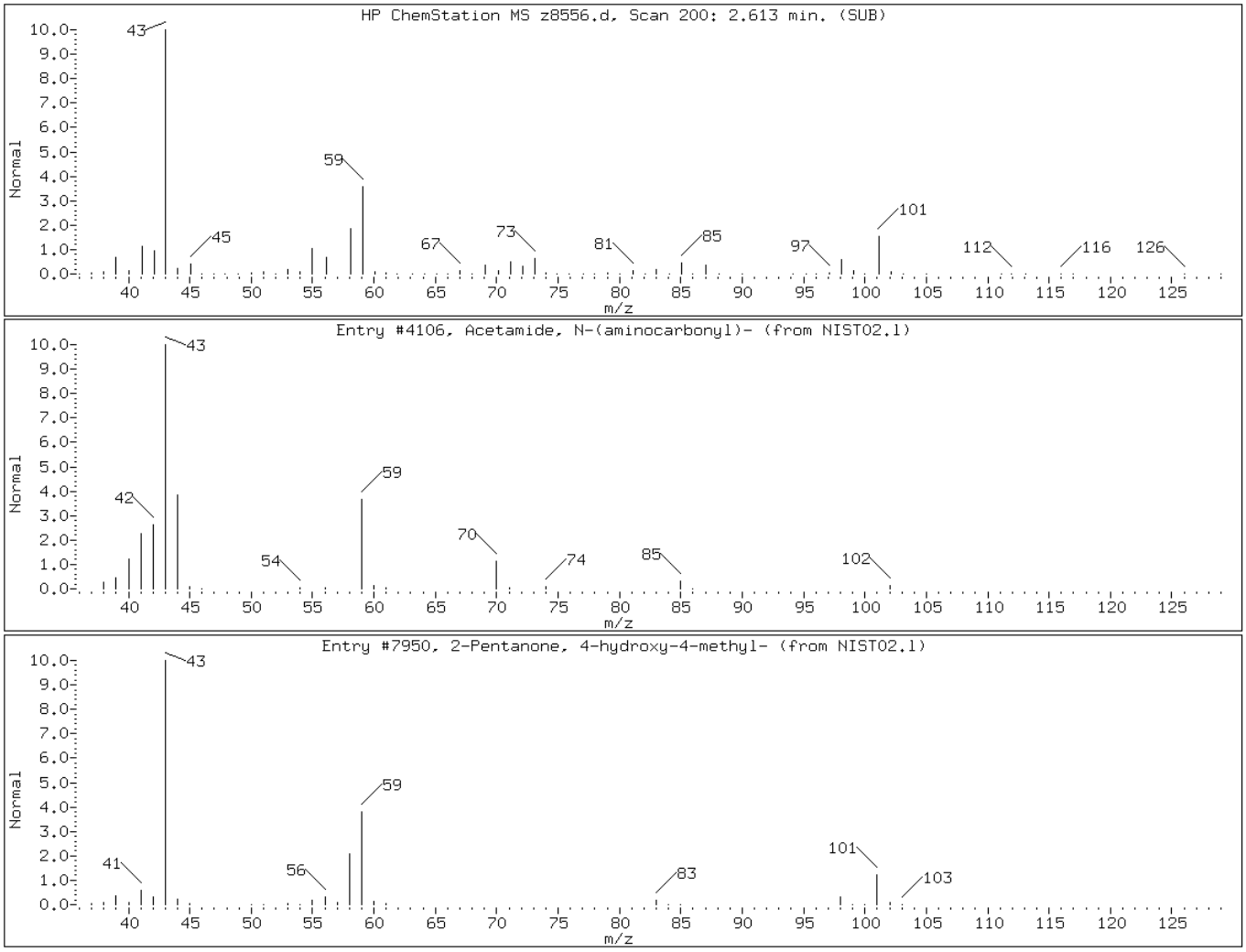
Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

Retention Time: 2.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Acetamide, N-(aminocarbonyl)-	591-07-1	NIST02.l	4106	35	C3H6N2O2	102
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7950	28	C6H12O2	116



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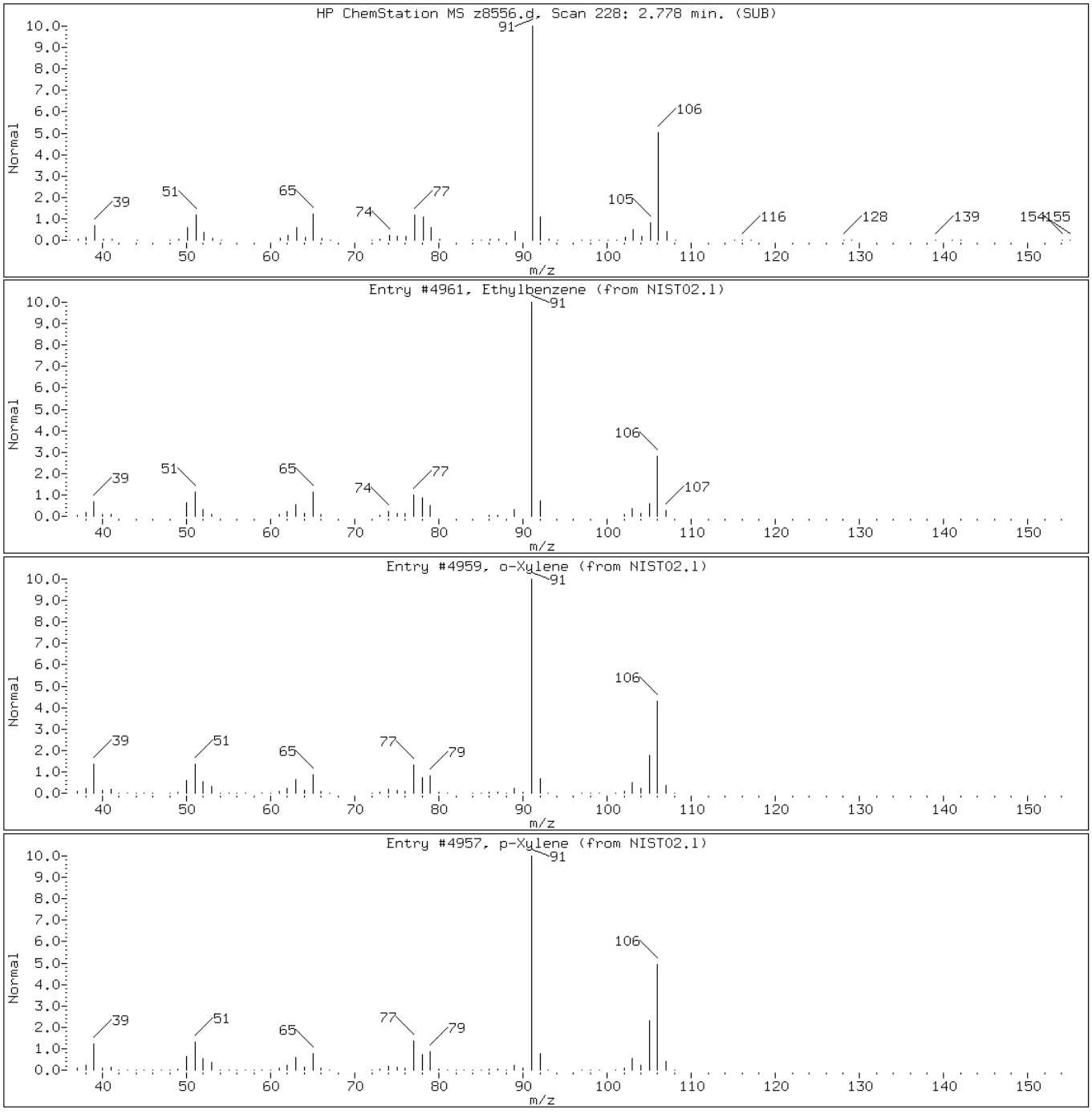
Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

Retention Time: 2.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylbenzene	100-41-4	NIST02.l	4961	96	C8H10	106
o-Xylene	95-47-6	NIST02.l	4959	91	C8H10	106
p-Xylene	106-42-3	NIST02.l	4957	91	C8H10	106



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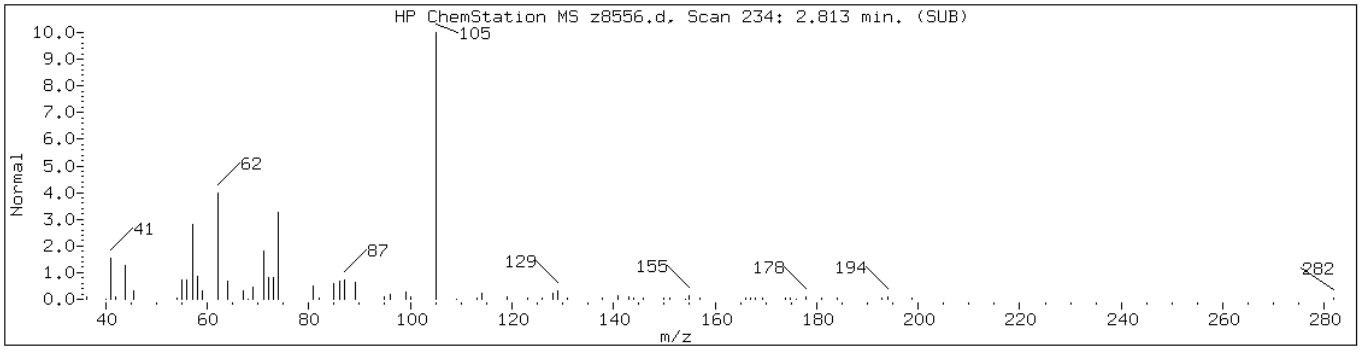
Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

Retention Time: 2.81

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						



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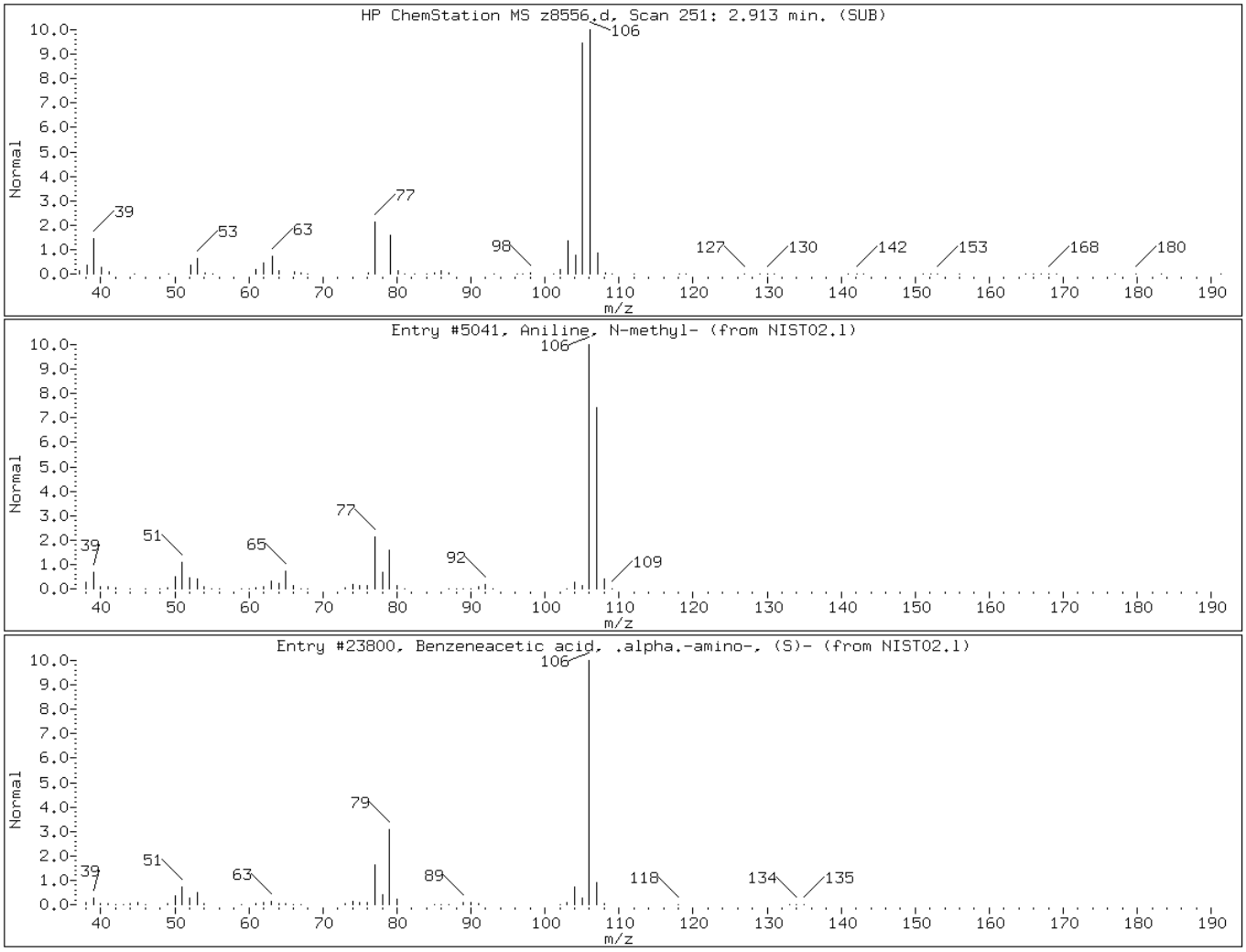
Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

Retention Time: 2.91

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Aniline, N-methyl-	100-61-8	NIST02.l	5041	36	C7H9N	107
Benzeneacetic acid, .alpha.-amino-	2935-35-5	NIST02.l	23800	36	C8H9NO2	151



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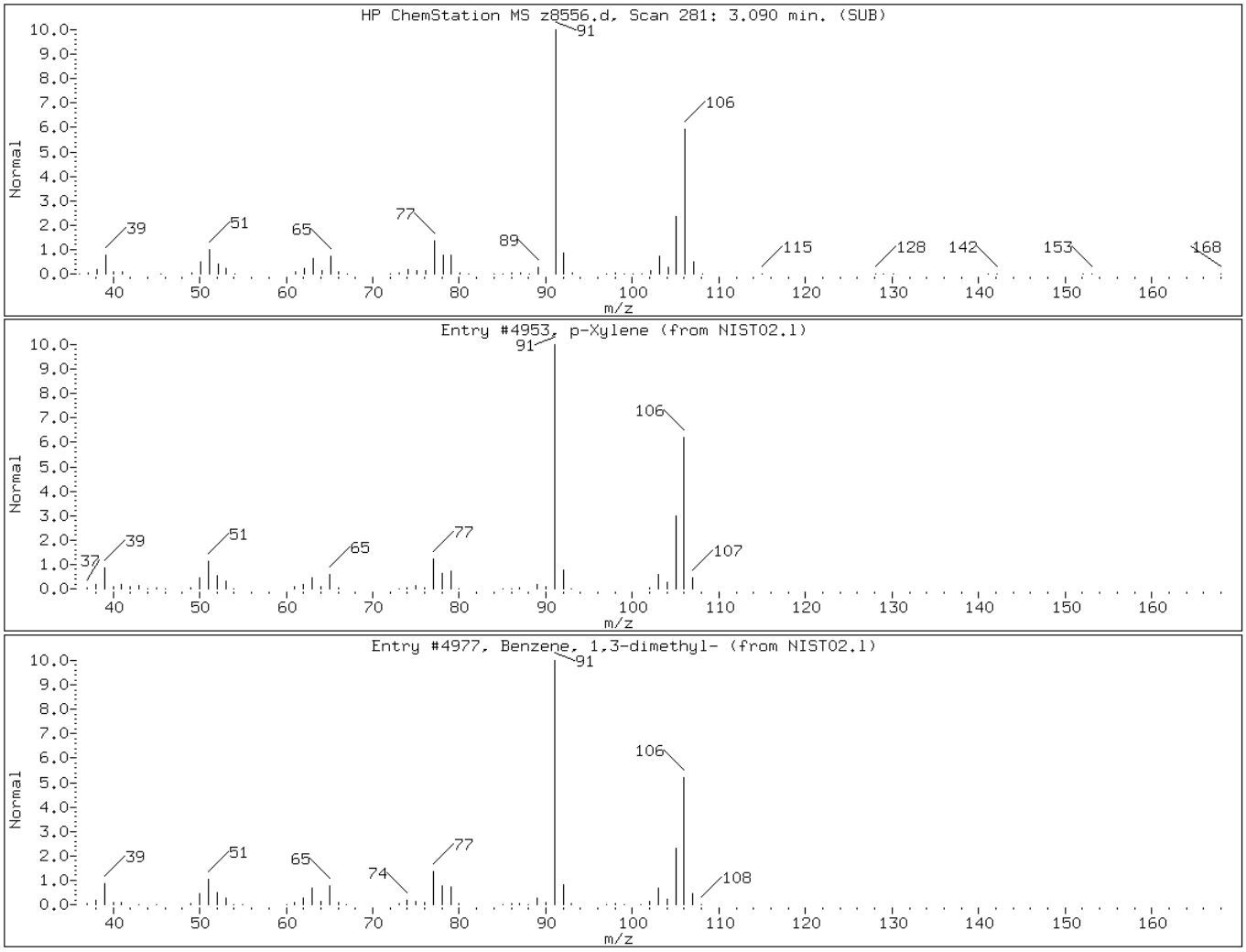
Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

Retention Time: 3.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Xylene isomer						
p-Xylene	106-42-3	NIST02.l	4953	97	C8H10	106
Benzene, 1,3-dimethyl-	108-38-3	NIST02.l	4977	97	C8H10	106



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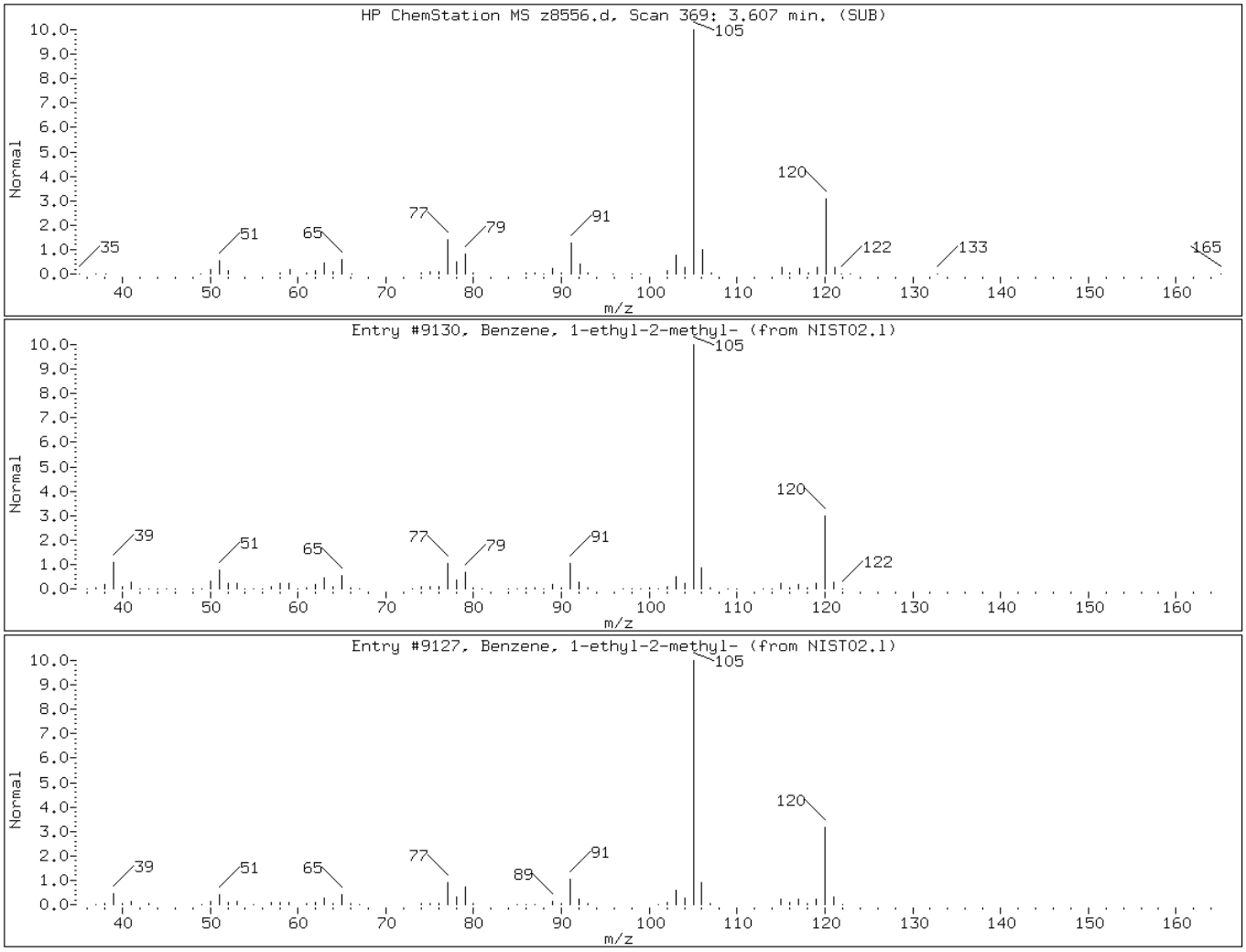
Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

Retention Time: 3.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.l	9130	95	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.l	9127	95	C9H12	120



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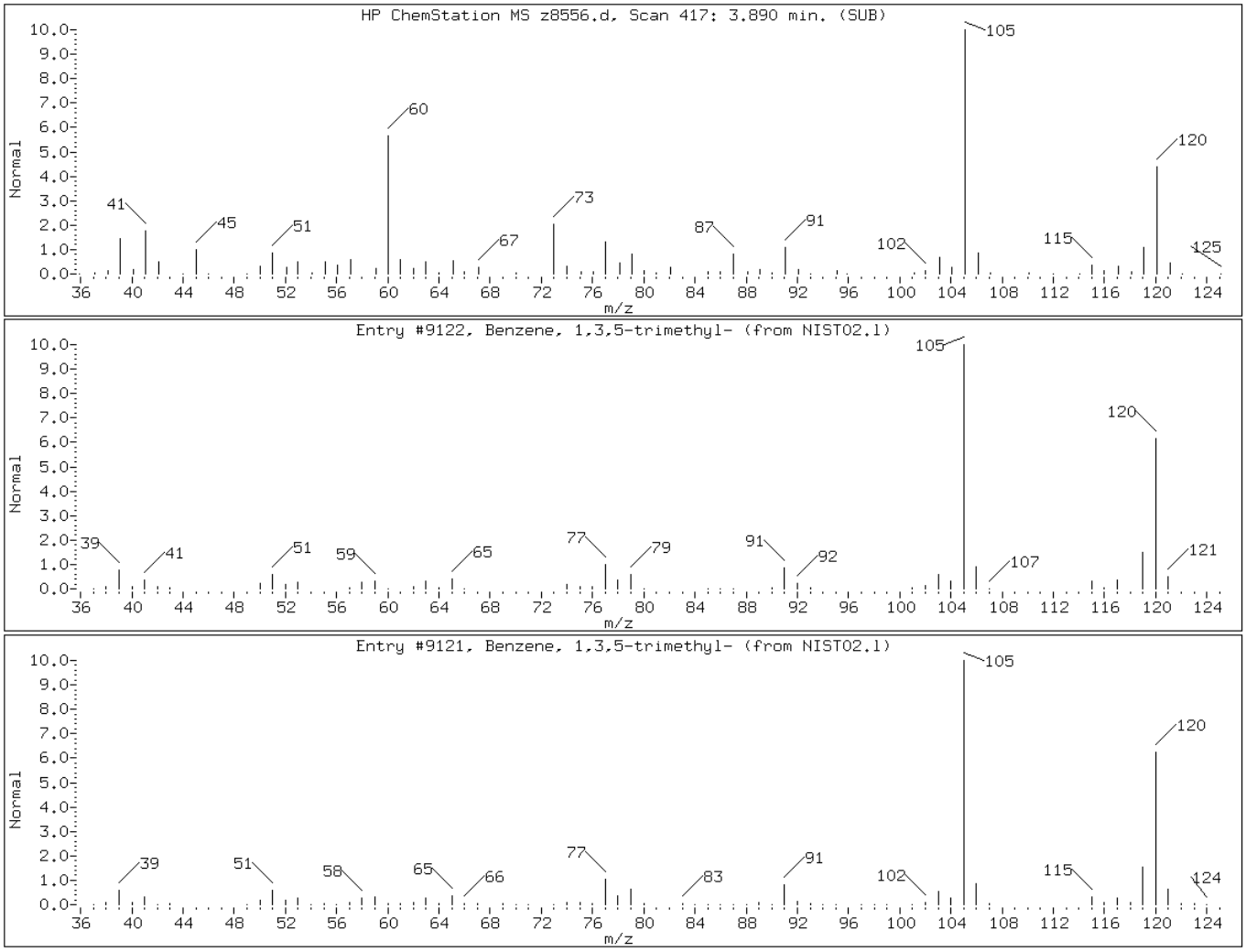
Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

Retention Time: 3.89

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.l	9122	92	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.l	9121	91	C9H12	120



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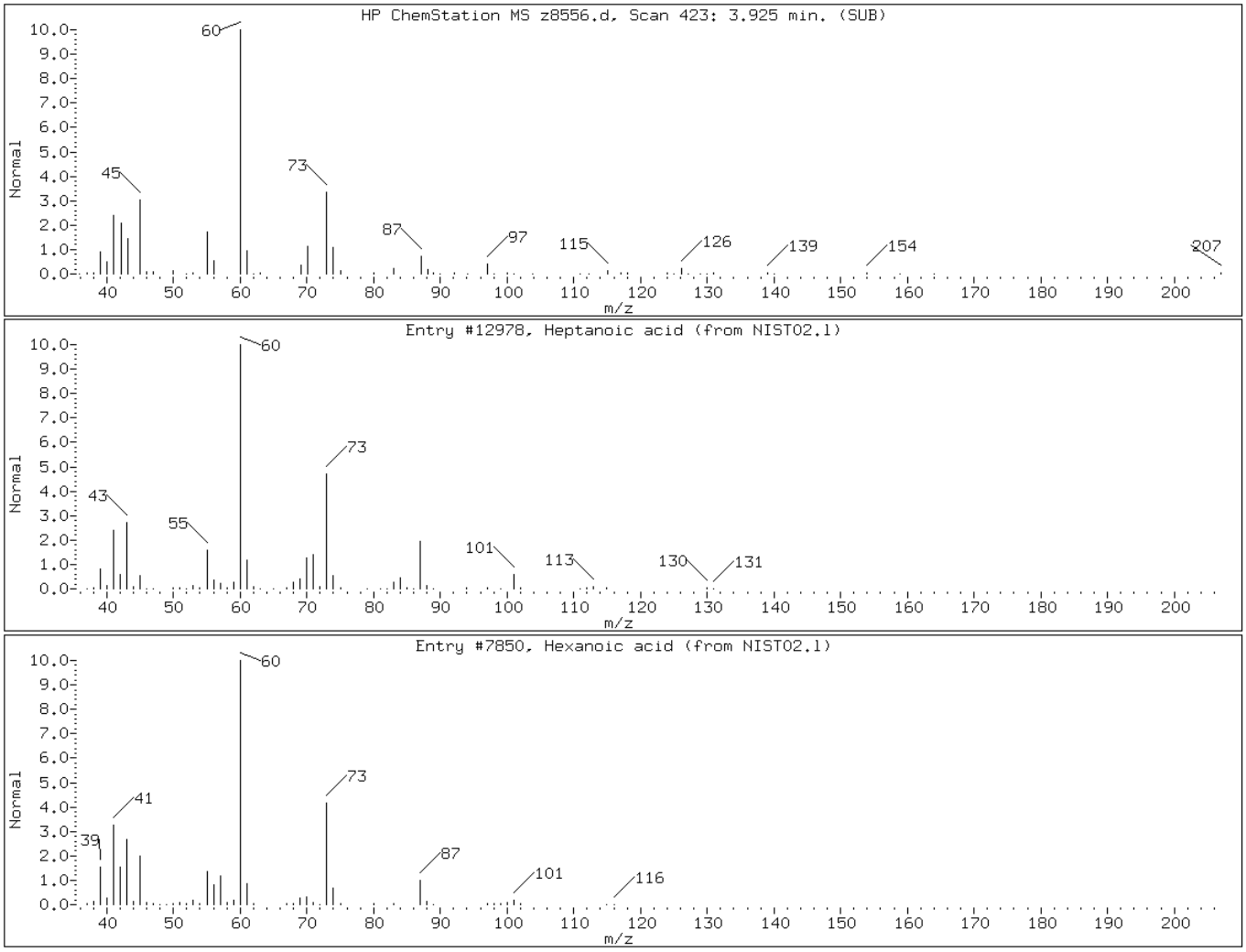
Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

Retention Time: 3.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Organic Acid						
Heptanoic acid	111-14-8	NIST02.l	12978	53	C7H14O2	130
Hexanoic acid	142-62-1	NIST02.l	7850	45	C6H12O2	116



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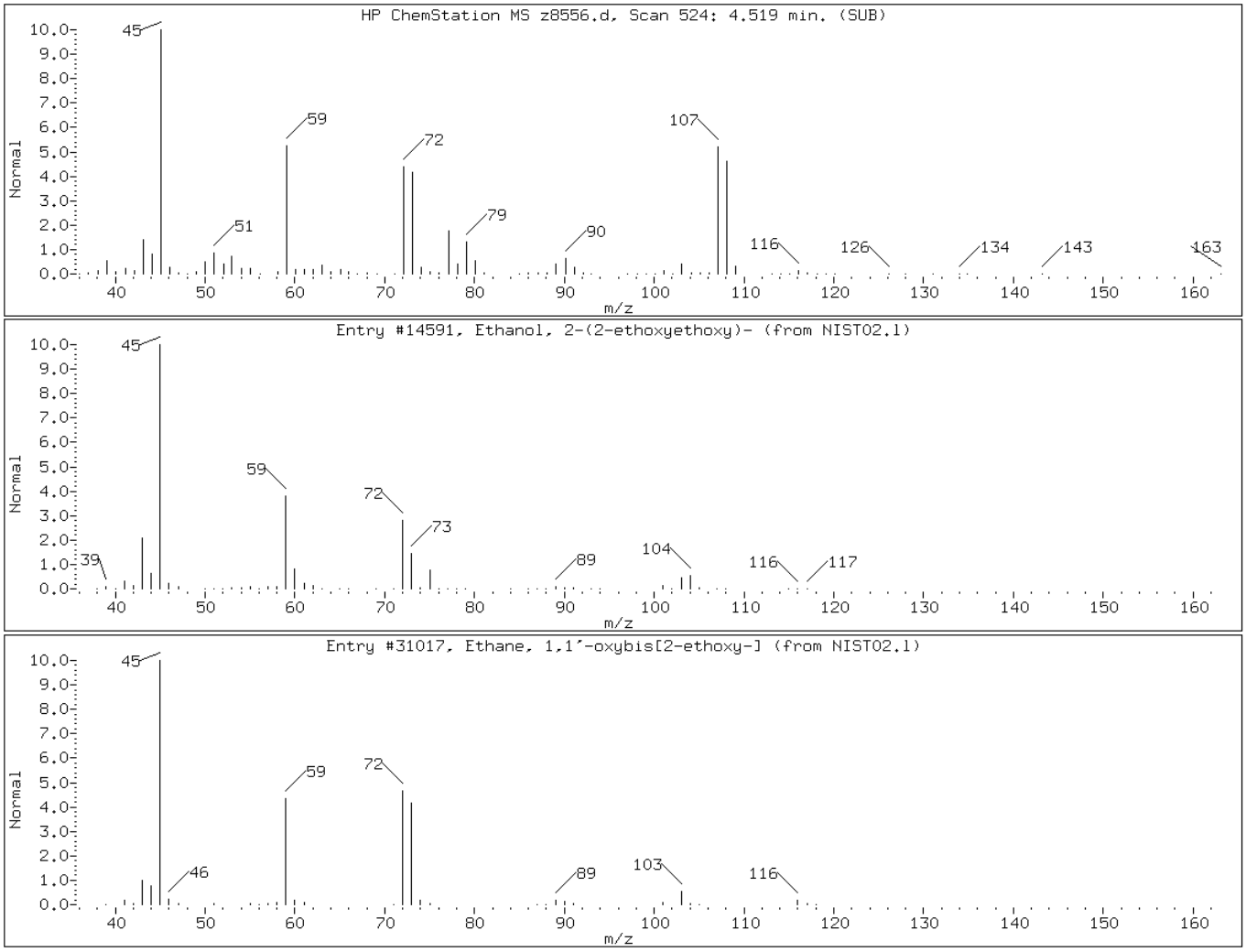
Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

Retention Time: 4.52

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Ethanol, 2-(2-ethoxyethoxy)-	111-90-0	NIST02.l	14591	50	C6H14O3	134
Ethane, 1,1'-oxybis[2-ethoxy-]	112-36-7	NIST02.l	31017	47	C8H18O3	162



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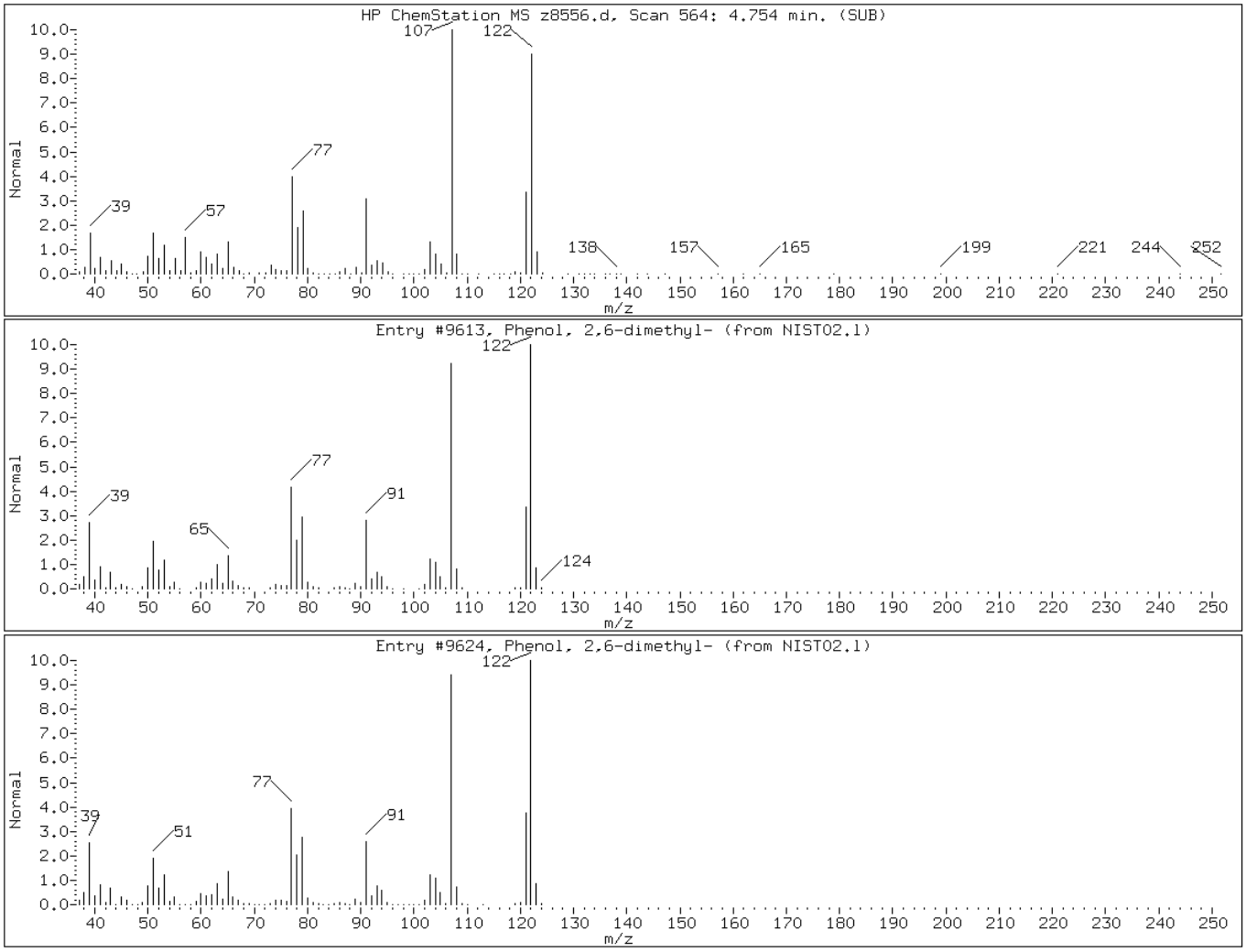
Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

Retention Time: 4.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Nonylphenol isomer						
Phenol, 2,6-dimethyl-	576-26-1	NIST02.l	9613	98	C8H10O	122
Phenol, 2,6-dimethyl-	576-26-1	NIST02.l	9624	97	C8H10O	122



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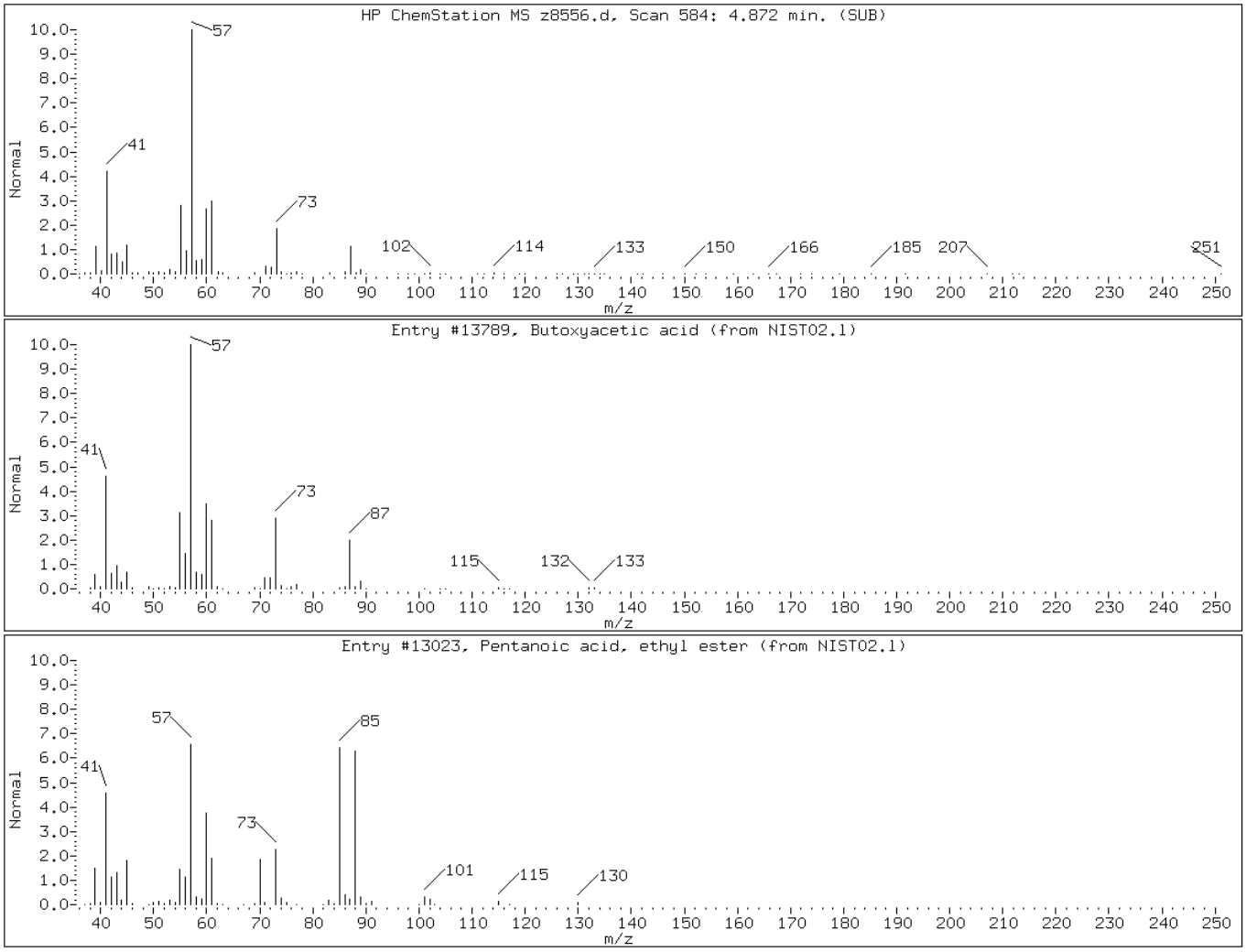
Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

Retention Time: 4.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Butoxyacetic acid	2516-93-0	NIST02.l	13789	53	C6H12O3	132
Pentanoic acid, ethyl ester	539-82-2	NIST02.l	13023	28	C7H14O2	130



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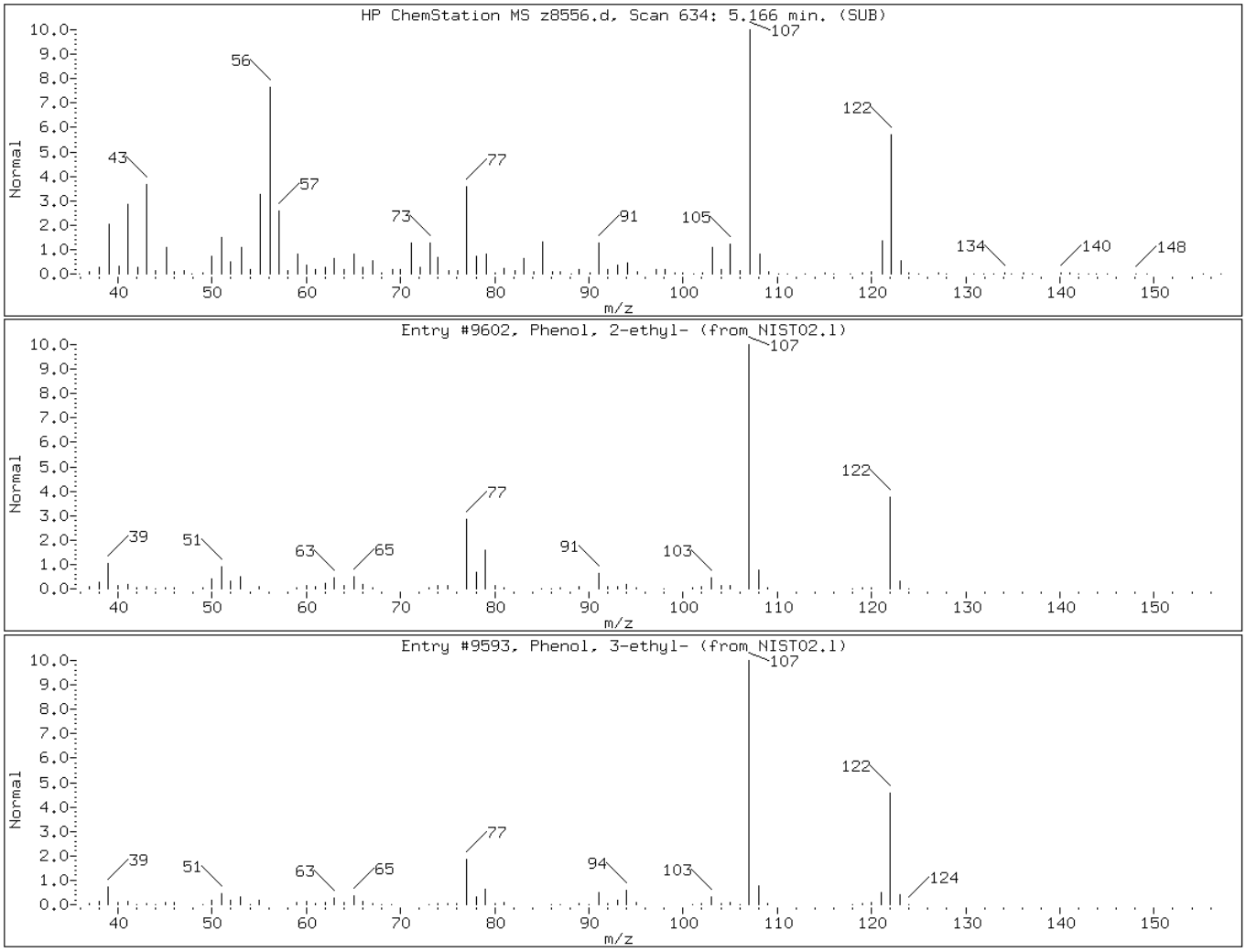
Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

Retention Time: 5.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
Phenol, 2-ethyl-	90-00-6	NIST02.l	9602	55	C8H10O	122
Phenol, 3-ethyl-	620-17-7	NIST02.l	9593	55	C8H10O	122



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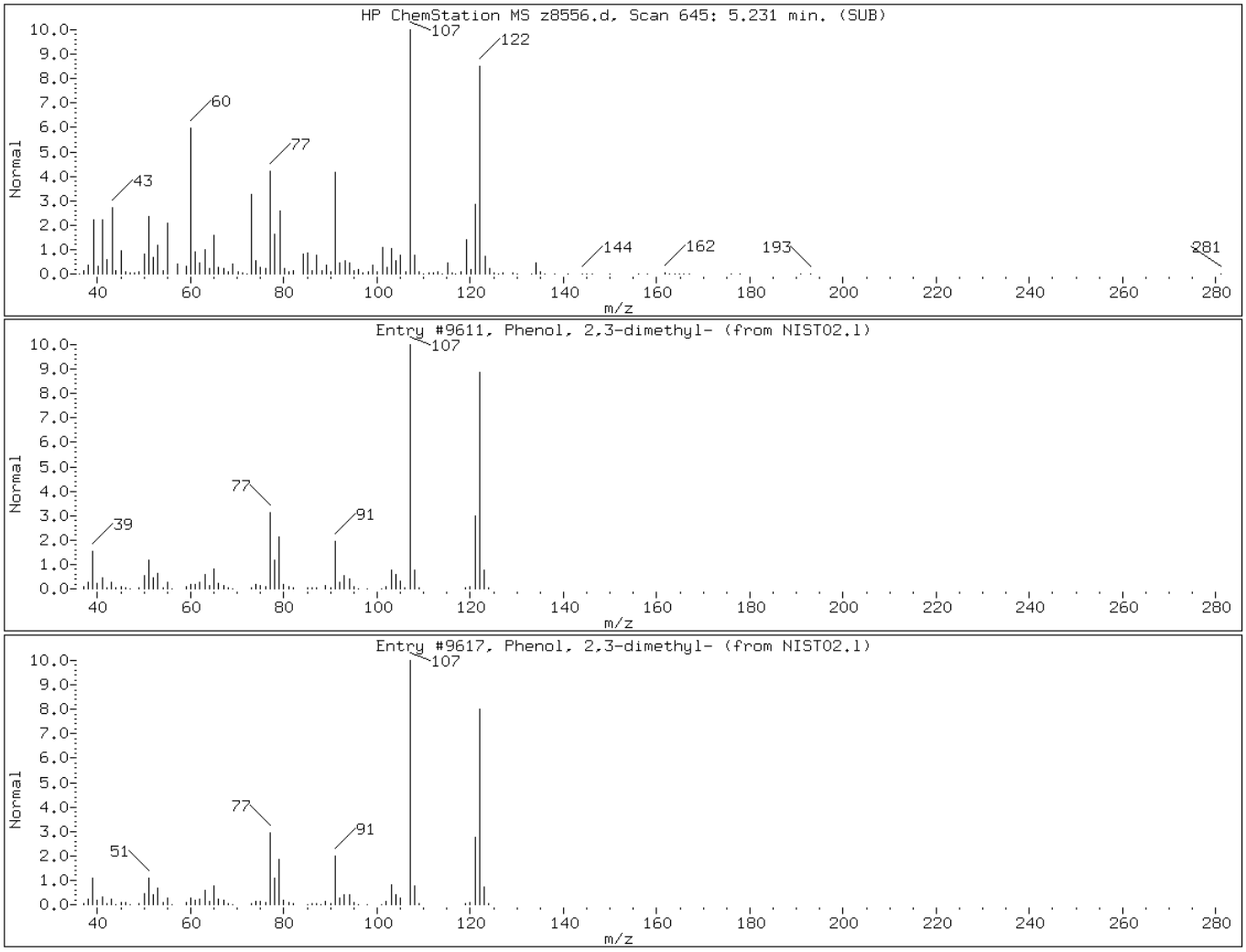
Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

Retention Time: 5.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Nonylphenol isomer						
Phenol, 2,3-dimethyl-	526-75-0	NIST02.l	9611	95	C8H10O	122
Phenol, 2,3-dimethyl-	526-75-0	NIST02.l	9617	93	C8H10O	122



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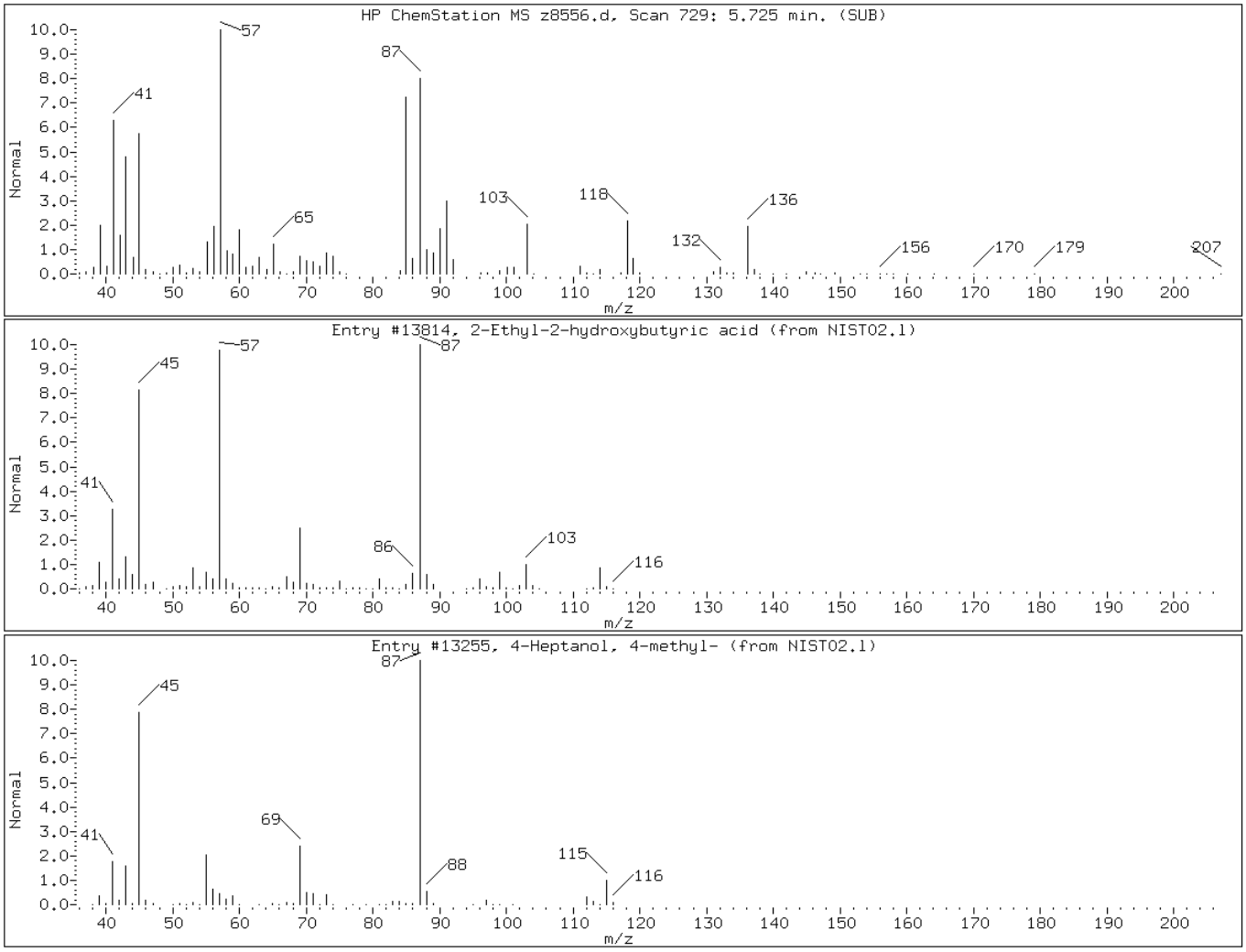
Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

Retention Time: 5.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
2-Ethyl-2-hydroxybutyric acid	3639-21-2	NIST02.l	13814	43	C6H12O3	132
4-Heptanol, 4-methyl-	598-01-6	NIST02.l	13255	35	C8H18O	130



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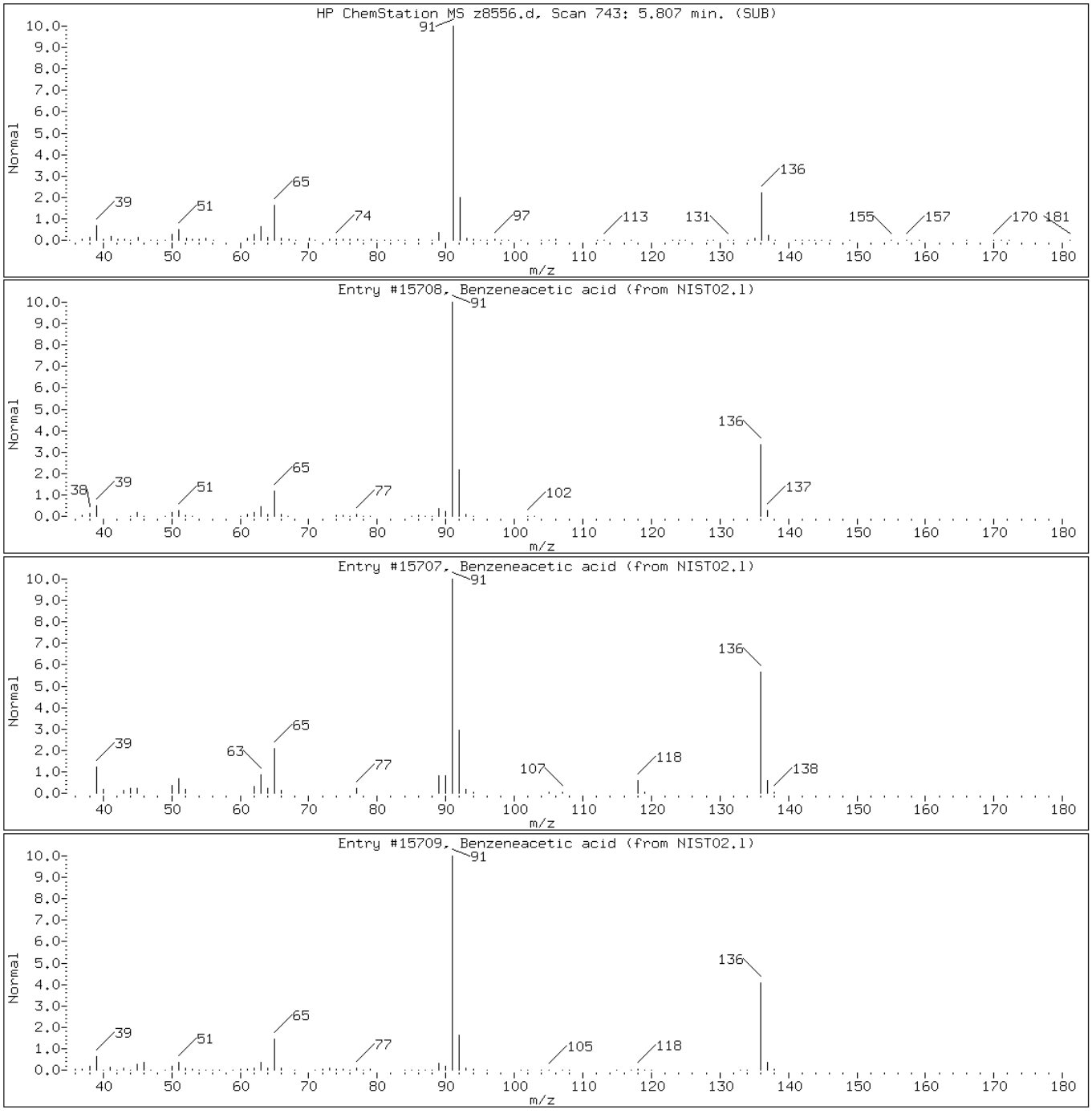
Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

Retention Time: 5.81

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzeneacetic acid	103-82-2	NIST02.l	15708	91	C8H8O2	136
Benzeneacetic acid	103-82-2	NIST02.l	15707	90	C8H8O2	136
Benzeneacetic acid	103-82-2	NIST02.l	15709	50	C8H8O2	136



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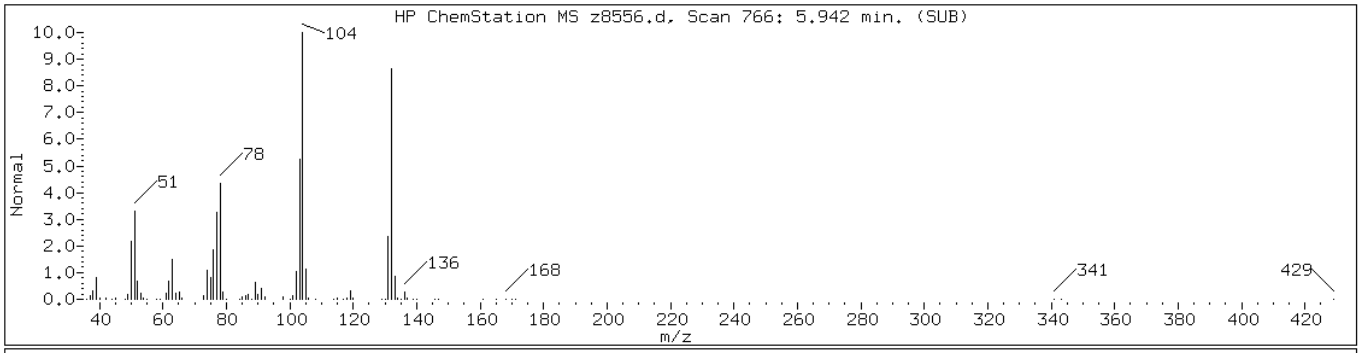
Date: 07-MAR-2010 18:04

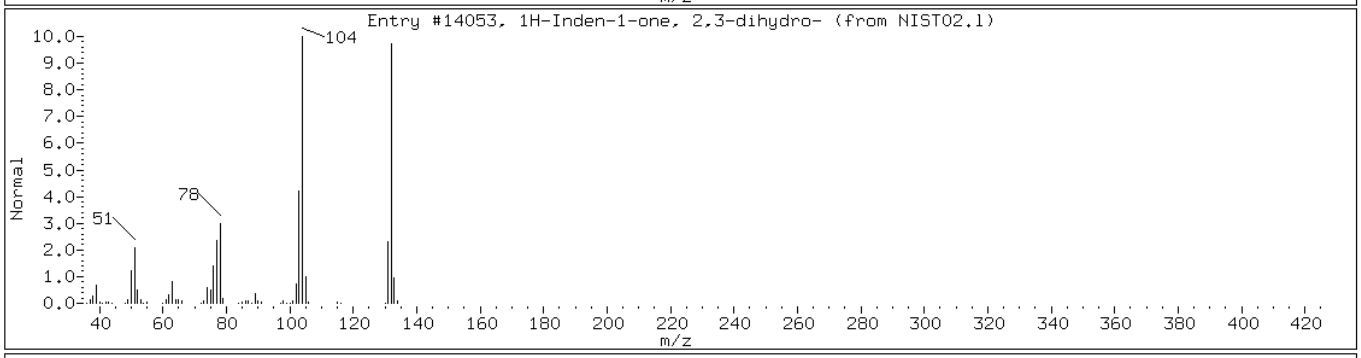
Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

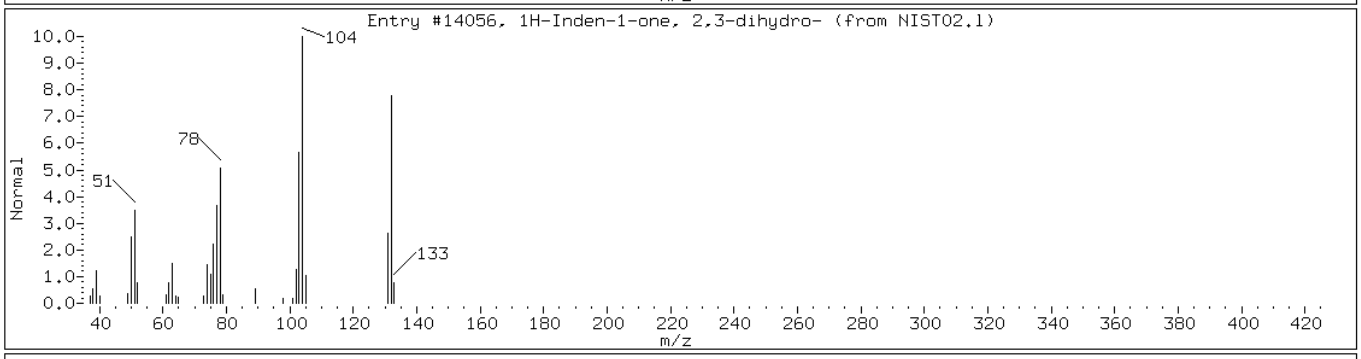
Sample Info: 460-10889-F-19-A Operator: BNAMS 4

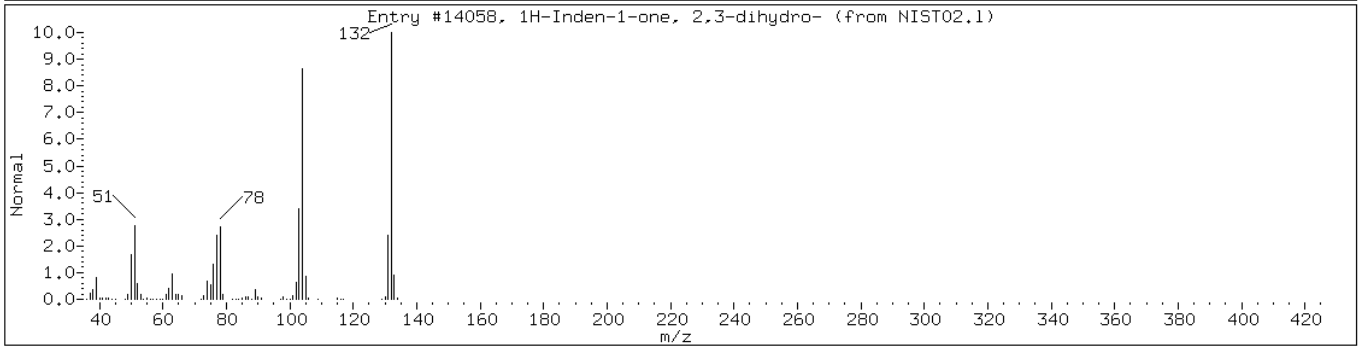
Retention Time: 5.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1H-Inden-1-one, 2,3-dihydro-	83-33-0	NIST02.l	14053	96	C9H8O	132
1H-Inden-1-one, 2,3-dihydro-	83-33-0	NIST02.l	14056	95	C9H8O	132
1H-Inden-1-one, 2,3-dihydro-	83-33-0	NIST02.l	14058	94	C9H8O	132









Data File: z8556.d

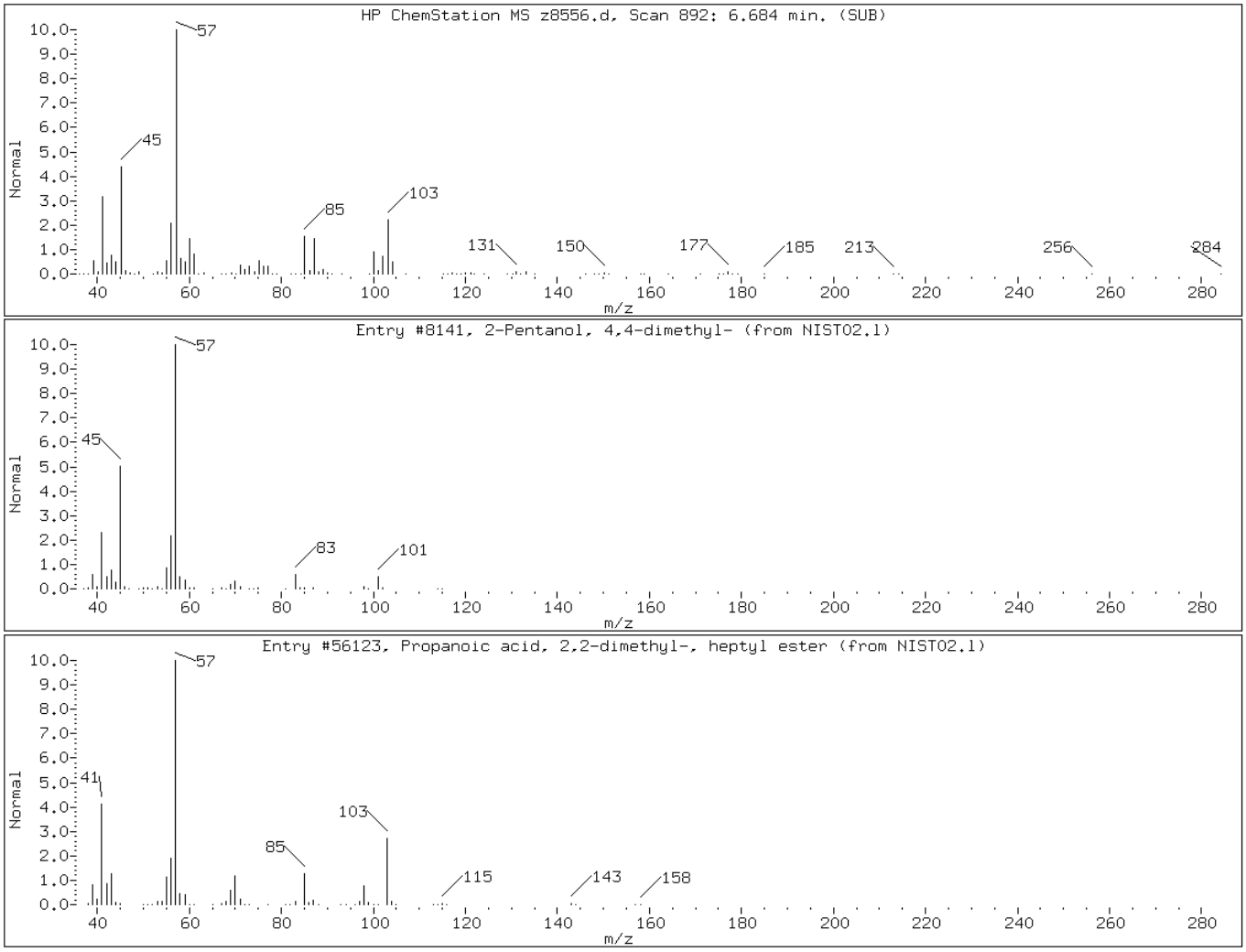
Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

Retention Time: 6.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-7						
2-Pentanol, 4,4-dimethyl-	6144-93-0	NIST02.l	8141	43	C7H16O	116
Propanoic acid, 2,2-dimethyl-, hep	17660-61-6	NIST02.l	56123	38	C12H24O2	200



Data File: z8556.d

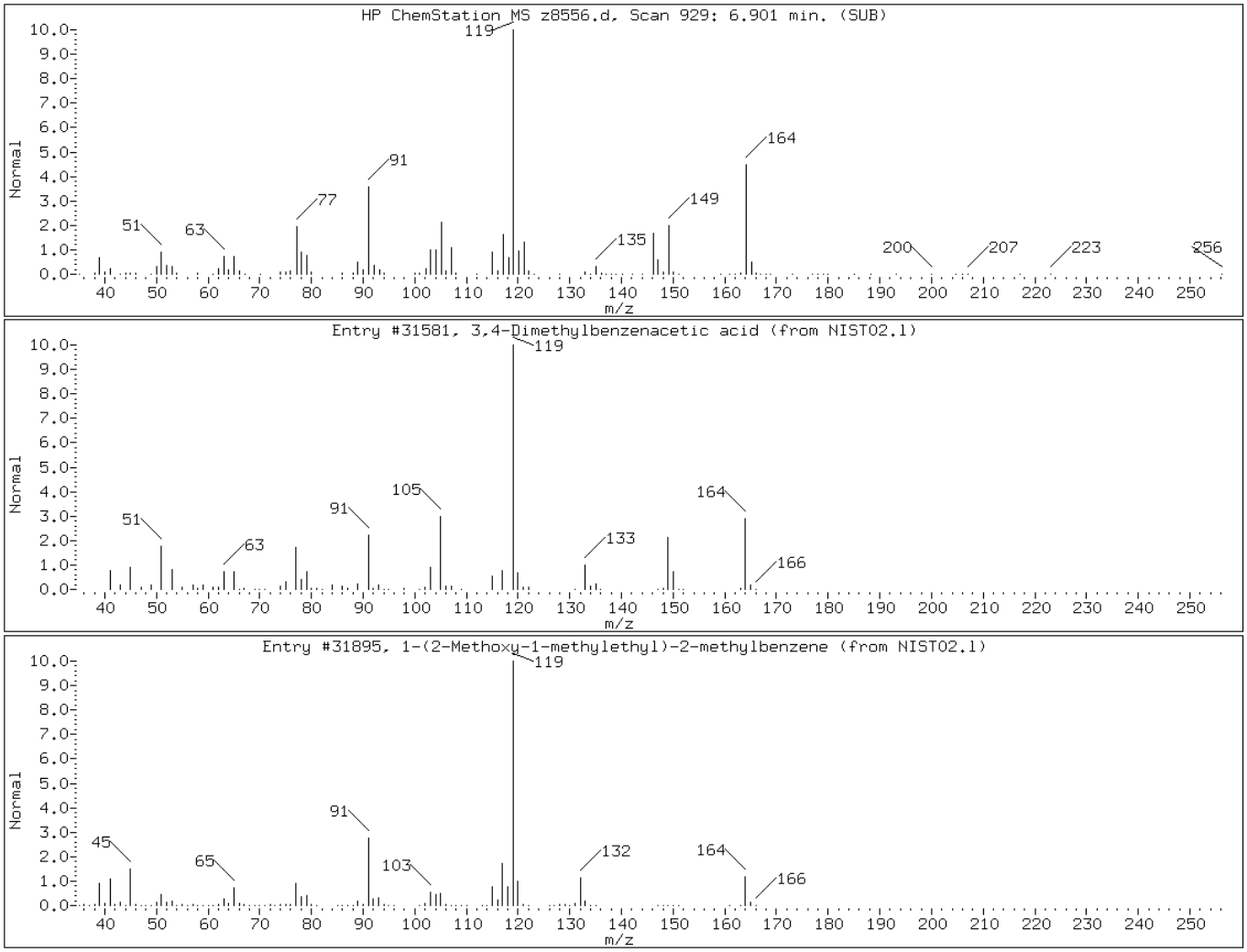
Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

Retention Time: 6.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-8						
3,4-Dimethylbenzenacetic acid	17283-16-8	NIST02.l	31581	72	C10H12O2	164
1-(2-Methoxy-1-methylethyl)-2-meth	1000210-02-1	NIST02.l	31895	50	C11H16O	164



Data File: z8556.d

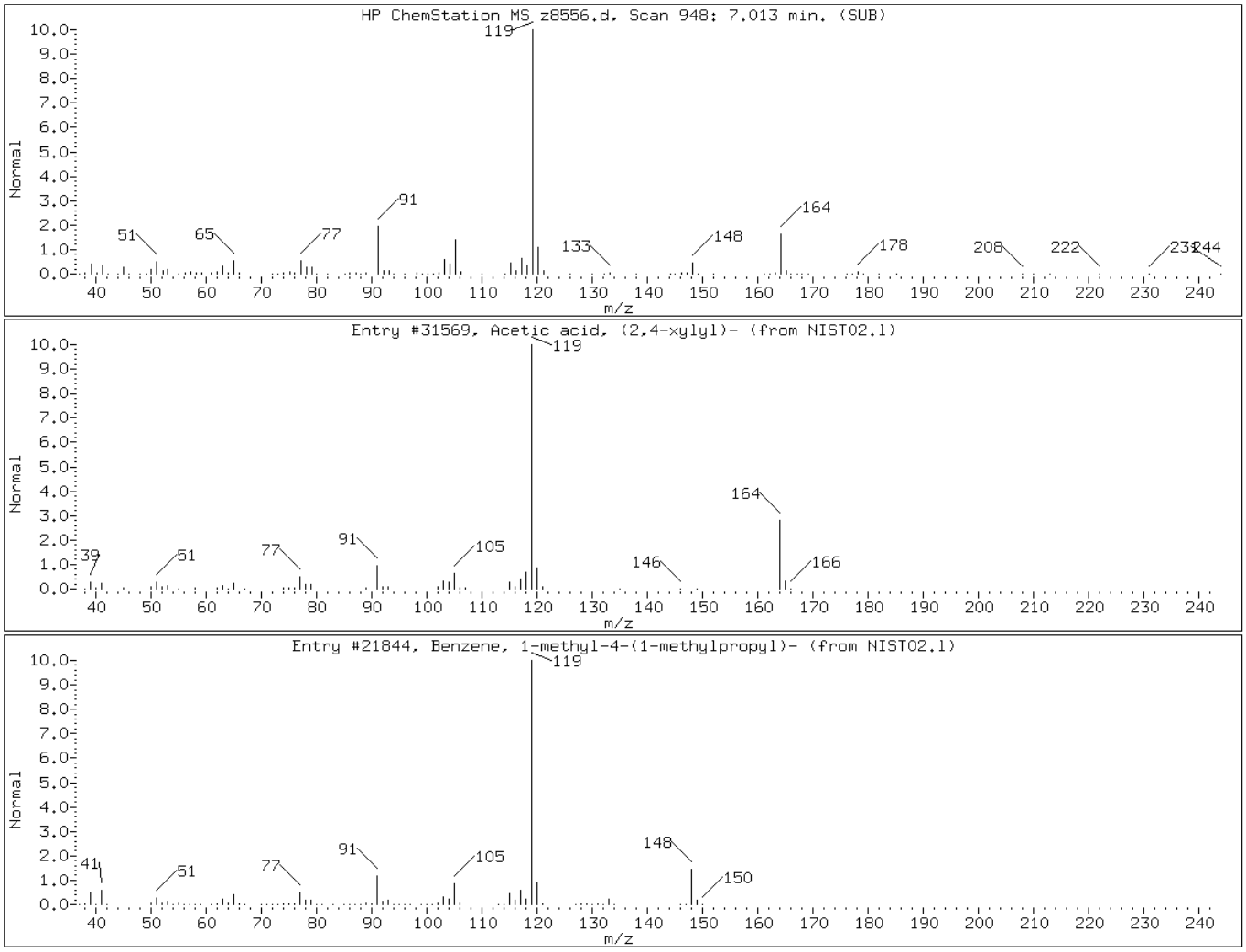
Date: 07-MAR-2010 18:04

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

Retention Time: 7.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-9						
Acetic acid, (2,4-xylyl)-	6331-04-0	NIST02.l	31569	86	C10H12O2	164
Benzene, 1-methyl-4-(1-methylpropy	1595-16-0	NIST02.l	21844	78	C11H16	148



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-019 Lab Sample ID: 460-10889-19

Matrix: GW Lab File ID: z8590.d

Analysis Method: 8270C Date Collected: 03/03/2010 12:55

Extract. Method: 3510C Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/09/2010 15:35

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31833 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	14	*	10	1.3

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	87	61-112	
4165-60-0	Nitrobenzene-d5 (Surr)	91	61-120	
1718-51-0	Terphenyl-d14 (Surr)	84	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-019 Lab Sample ID: 460-10889-19

Matrix: GW Lab File ID: z8590.d

Analysis Method: 8270C Date Collected: 03/03/2010 12:55

Extract. Method: 3510C Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/09/2010 15:35

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31833 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/z8590.d
Report Date: 10-Mar-2010 15:25

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/z8590.d
Lab Smp Id: 460-10889-F-19-A Client Smp ID: GW-017338-030310-RE
Inj Date : 09-MAR-2010 15:35
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-19-A
Misc Info : 460-10889-F-19-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/8270del_Benz.m
Meth Date : 10-Mar-2010 10:08 croccom Quant Type: ISTD
Cal Date : 09-MAR-2010 12:03 Cal File: z8582.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
110 Benzaldehyde	77	3.578	3.548	(0.892)	157354	7.15467	14
* 79 1,4-Dichlorobenzene-d4	152	4.013	3.995	(1.000)	603670	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.566	4.554	(0.863)	1254231	45.6426	91
* 80 Naphthalene-d8	136	5.290	5.284	(1.000)	2232265	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.384	6.378	(0.906)	1465010	43.6618	87
* 82 Acenaphthene-d10	164	7.048	7.036	(1.000)	1047893	40.0000	
* 83 Phenanthrene-d10	188	8.495	8.489	(1.000)	1286645	40.0000	
$ 78 Terphenyl-d14	244	10.066	10.060	(0.901)	1034315	42.1183	84
* 81 Chrysene-d12	240	11.166	11.166	(1.000)	893149	40.0000	
* 84 Perylene-d12	264	12.989	12.983	(1.000)	612765	40.0000	

Data File: /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/z8590.d
Report Date: 10-Mar-2010 15:25

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/z8590.d
Lab Smp Id: 460-10889-F-19-A Client Smp ID: GW-017338-030310-RE
Inj Date : 09-MAR-2010 15:35
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-19-A
Misc Info : 460-10889-F-19-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/8270del_Benz.m
Meth Date : 10-Mar-2010 10:08 croccom Quant Type: ISTD
Cal Date : 09-MAR-2010 12:03 Cal File: z8582.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

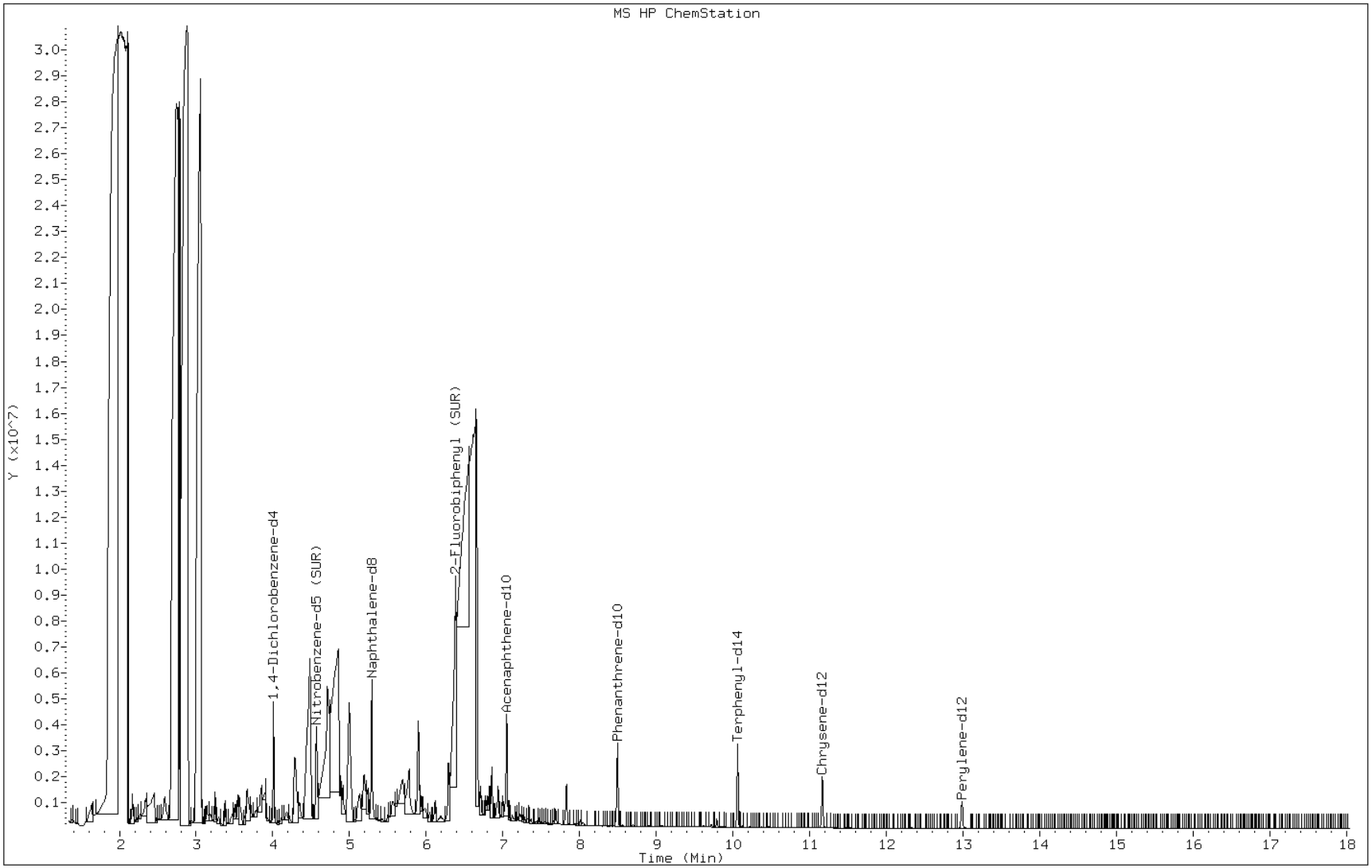
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z8590.d

Date: 09-MAR-2010 15:35

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4



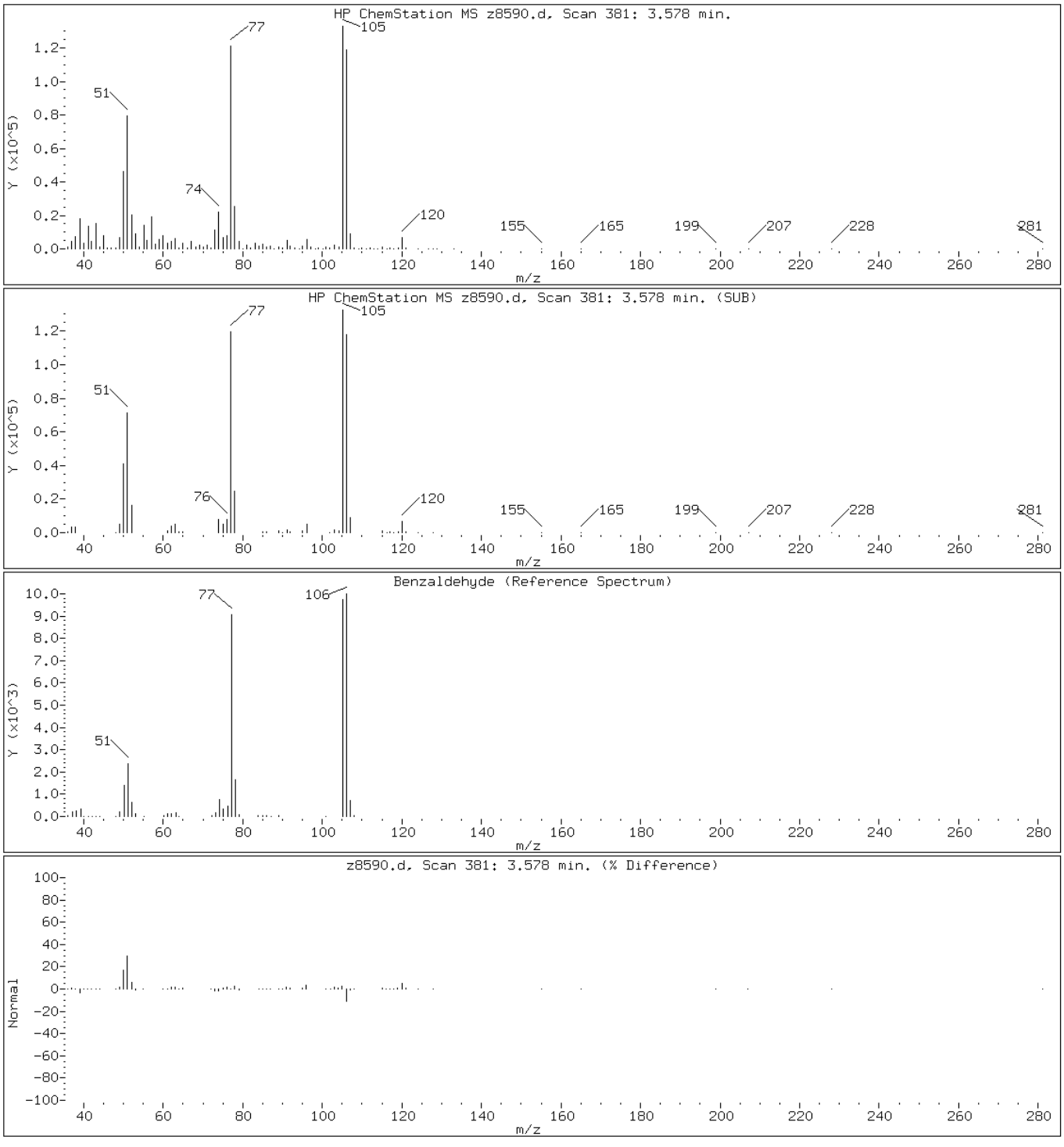
Data File: z8590.d

Date: 09-MAR-2010 15:35

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

110 Benzaldehyde



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-019 | Lab Sample ID: 460-10889-19 DL

Matrix: GW | Lab File ID: z8572.d

Analysis Method: 8270C | Date Collected: 03/03/2010 12:55

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/08/2010 16:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31823 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-44-5	4-Methylphenol	370		50	7.9

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	107	50-119	
321-60-8	2-Fluorobiphenyl	85	61-112	
367-12-4	2-Fluorophenol (Surr)	27	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	103	61-120	
4165-62-2	Phenol-d5 (Surr)	46	9-48	
1718-51-0	Terphenyl-d14 (Surr)	96	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-019 | Lab Sample ID: 460-10889-19 DL

Matrix: GW | Lab File ID: z8572.d

Analysis Method: 8270C | Date Collected: 03/03/2010 12:55

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/08/2010 16:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31823 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/z8572.d
Report Date: 09-Mar-2010 13:50

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/z8572.d
Lab Smp Id: 460-10889-F-19-A Client Smp ID: GW-017338-030310-RE
Inj Date : 08-MAR-2010 16:02
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-19-A
Misc Info : 460-10889-F-19-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/8270Cdel_08.m
Meth Date : 08-Mar-2010 15:27 croccom Quant Type: ISTD
Cal Date : 08-MAR-2010 15:06 Cal File: z8570.d
Als bottle: 4
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
106 1,4-Dioxane	88	1.460	1.419	(0.364)	7175	0.64171	6.4(aH)
$ 16 2-Fluorophenol (SUR)	112	2.778	2.737	(0.692)	57974	2.66656	27(a)
110 Benzaldehyde	77	3.566	3.566	(0.889)	33552	8.61653	86
$ 17 Phenol-d5 (SUR)	99	3.648	3.660	(0.909)	112657	4.60857	46(aR)
1 Phenol	94	3.660	3.678	(0.912)	23379	0.92216	9.2(a)
* 79 1,4-Dichlorobenzene-d4	152	4.013	4.013	(1.000)	561072	40.0000	
3 2-Methylphenol	108	4.278	4.284	(1.066)	295409	17.3665	170
4 4-Methylphenol	108	4.437	4.442	(1.106)	587538	37.1959	370
121 3 & 4 Methylphenol	108	4.437	4.442	(1.106)	587538	37.1959	370
104 Acetophenone	105	4.419	4.431	(1.101)	55448	2.45722	24(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.566	4.578	(0.862)	256240	10.3240	100
6 2,4-Dimethylphenol	122	4.978	4.978	(0.940)	435190	27.4929	270
* 80 Naphthalene-d8	136	5.295	5.301	(1.000)	1997895	40.0000	
31 Naphthalene	128	5.319	5.325	(1.004)	10698	0.20437	2.0(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.389	6.395	(0.906)	261315	8.48524	85(M)

Data File: /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/z8572.d
Report Date: 09-Mar-2010 13:50

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 82 Acenaphthene-d10	164	7.054	7.054	(1.000)	815175	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.825	7.830	(1.109)	35922	10.6753	110
* 83 Phenanthrene-d10	188	8.507	8.507	(1.000)	895366	40.0000	
$ 78 Terphenyl-d14	244	10.077	10.077	(0.901)	162117	9.56183	96
* 81 Chrysene-d12	240	11.189	11.189	(1.000)	565024	40.0000	
* 84 Perylene-d12	264	13.012	13.013	(1.000)	414957	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/z8572.d
Report Date: 09-Mar-2010 13:50

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/z8572.d
Lab Smp Id: 460-10889-F-19-A Client Smp ID: GW-017338-030310-RE
Inj Date : 08-MAR-2010 16:02
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-19-A
Misc Info : 460-10889-F-19-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/8270Cdel_08.m
Meth Date : 08-Mar-2010 15:27 croccom Quant Type: ISTD
Cal Date : 08-MAR-2010 15:06 Cal File: z8570.d
Als bottle: 4
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

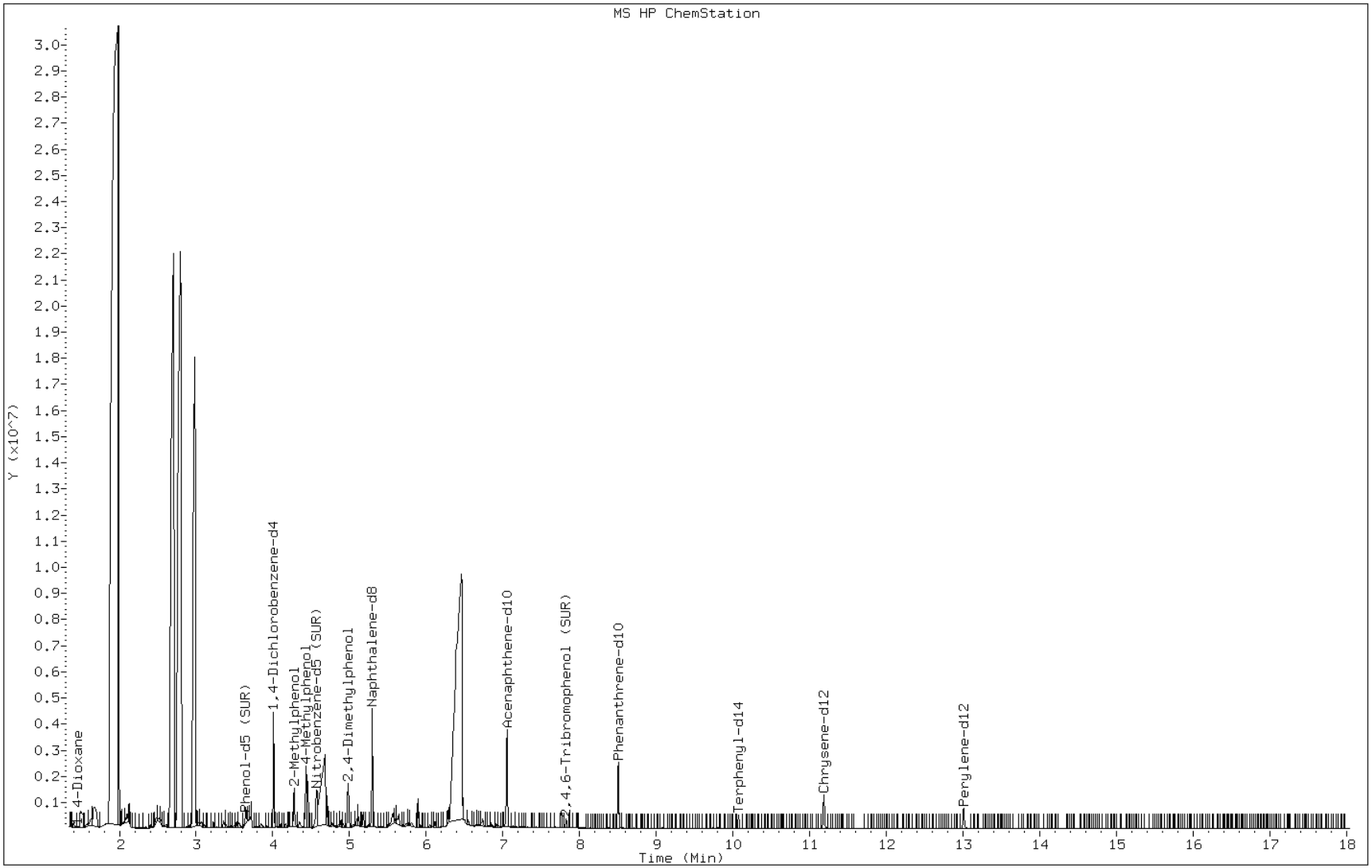
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z8572.d

Date: 08-MAR-2010 16:02

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4



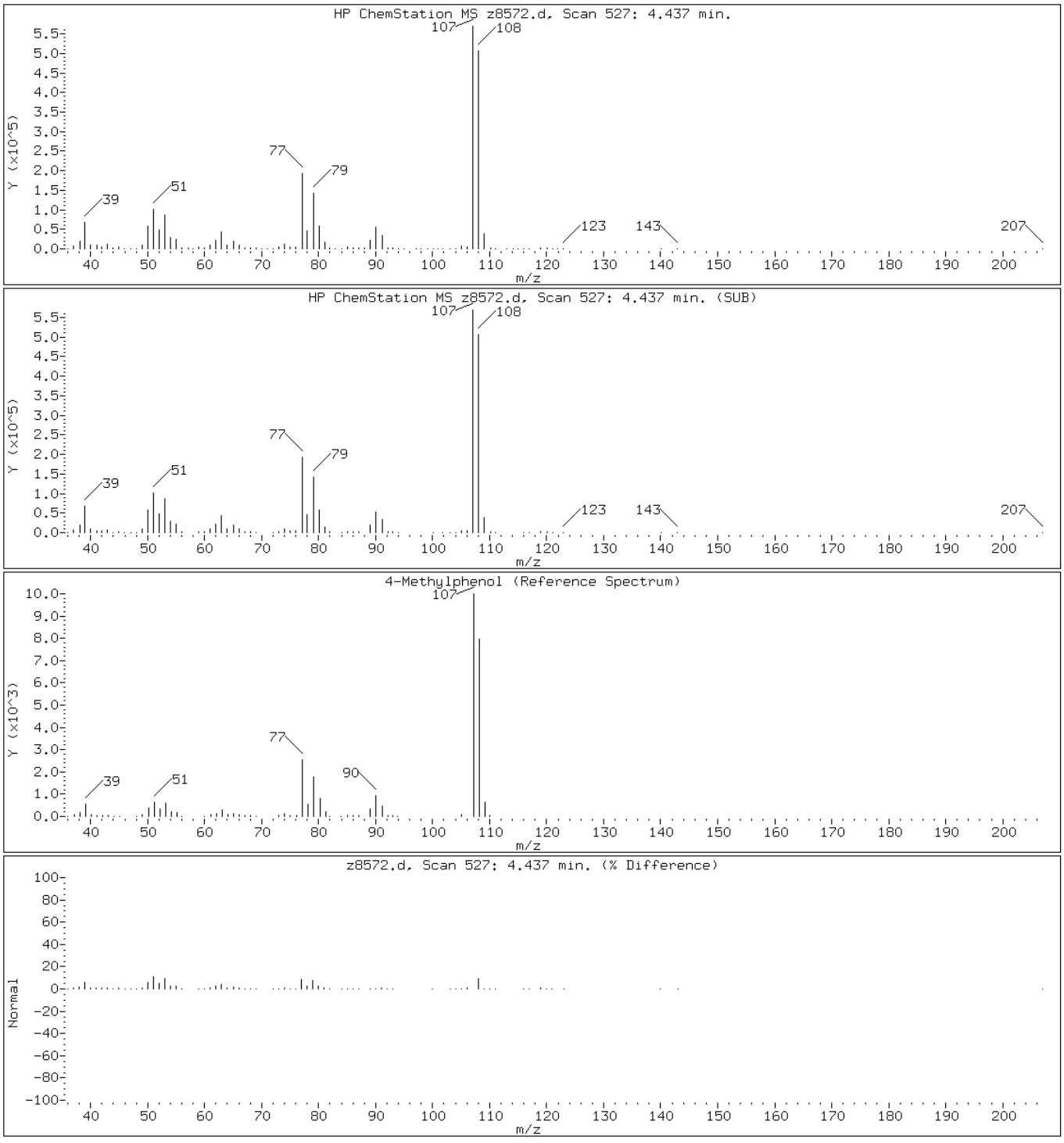
Data File: z8572.d

Date: 08-MAR-2010 16:02

Client ID: GW-017338-030310-RE Instrument: BNAMS11.i

Sample Info: 460-10889-F-19-A Operator: BNAMS 4

4 4-Methylphenol



Manual Integration Report

Data File: z8572.d
Inj. Date and Time: 08-MAR-2010 16:02
Instrument ID: BNAMS11.i
Client ID: GW-017338-030310-RE
Compound: 77 2-Fluorobiphenyl (SUR)
CAS #: 321-60-8
Report Date: 03/11/2010

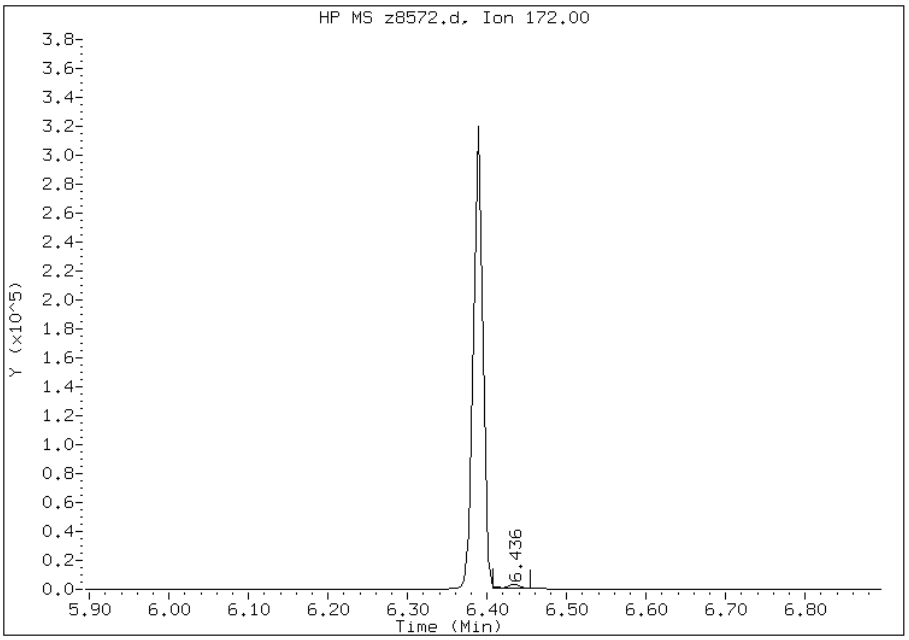
Processing Integration Results

RT: 6.44

Response: 3362

Amount: 0

Conc: 1



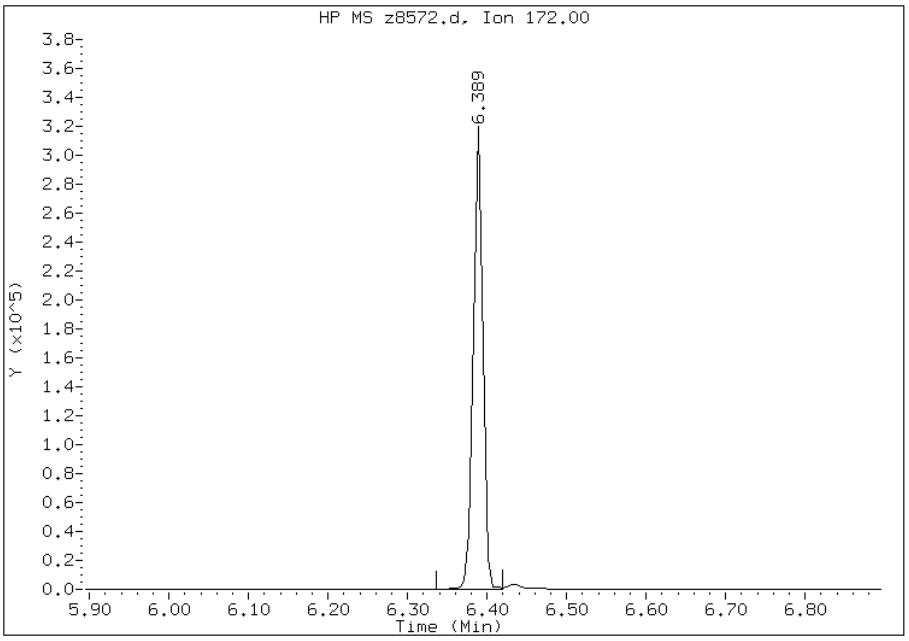
Manual Integration Results

RT: 6.39

Response: 261315

Amount: 8

Conc: 85



Manually Integrated By: rusin
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-020 | Lab Sample ID: 460-10889-20

Matrix: GW | Lab File ID: z8557.d

Analysis Method: 8270C | Date Collected: 03/03/2010 13:40

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 18:28

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	5.4
108-95-2	Phenol	10	U	10	0.89
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
95-57-8	2-Chlorophenol	10	U	10	2.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.2
98-86-2	Acetophenone	10	U	10	4.3
91-57-6	2-Methylnaphthalene	10	U	10	3.1
106-44-5	4-Methylphenol	8.3	J	10	1.6
95-48-7	2-Methylphenol	2.5	J	10	1.7
88-74-4	2-Nitroaniline	20	U	20	5.7
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
78-59-1	Isophorone	10	U	10	3.6
88-75-5	2-Nitrophenol	10	U	10	3.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
105-67-9	2,4-Dimethylphenol	30		10	2.5
100-01-6	4-Nitroaniline	20	U	20	4.0
100-02-7	4-Nitrophenol	30	U	30	2.3
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
1912-24-9	Atrazine	10	U	10	4.8
91-20-3	Naphthalene	10	U	10	3.7
100-52-7	Benzaldehyde	10	U *	10	1.3
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
105-60-2	Caprolactam	10	U	10	0.50
86-74-8	Carbazole	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
95-95-4	2,4,5-Trichlorophenol	10	U *	10	2.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-020 | Lab Sample ID: 460-10889-20

Matrix: GW | Lab File ID: z8557.d

Analysis Method: 8270C | Date Collected: 03/03/2010 13:40

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 18:28

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	10	U	10	3.3
91-58-7	2-Chloronaphthalene	10	U	10	3.8
206-44-0	Fluoranthene	10	U	10	2.6
86-73-7	Fluorene	10	U	10	3.3
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59
208-96-8	Acenaphthylene	10	U	10	4.0
99-09-2	3-Nitroaniline	20	U	20	4.3
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
132-64-9	Dibenzofuran	10	U	10	3.6
84-66-2	Diethyl phthalate	10	U	10	3.8
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-020 Lab Sample ID: 460-10889-20

Matrix: GW Lab File ID: z8557.d

Analysis Method: 8270C Date Collected: 03/03/2010 13:40

Extract. Method: 3510C Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/07/2010 18:28

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	98	50-119	
321-60-8	2-Fluorobiphenyl	72	61-112	
367-12-4	2-Fluorophenol (Surr)	17	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	89	61-120	
4165-62-2	Phenol-d5 (Surr)	33	9-48	
1718-51-0	Terphenyl-d14 (Surr)	73	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-020 Lab Sample ID: 460-10889-20

Matrix: GW Lab File ID: z8557.d

Analysis Method: 8270C Date Collected: 03/03/2010 13:40

Extract. Method: 3510C Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/07/2010 18:28

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 Units: ug/L

Number TICs Found: 18 TIC Result Total: 5101.8

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown-1	1.57	18	T J
	Unknown-2	1.67	8.5	T J
108-88-3	Toluene	1.92	680	T J N
	Unknown Organic Acid-1	2.18	10	T J
	Unknown Organic Acid-2	2.53	11	T J
100-41-4	Ethylbenzene	2.72	800	T J N
	Xylene isomer-1	2.83	1400	T J
	Xylene isomer-2	2.99	180	T J
	Unknown-3	3.05	50	T J
	Unknown-3	3.96	11	T J
	Unknown-5	4.14	14	T J
15831-10-4	3 & 4 Methylphenol	4.48	8.3	J
	Unknown-6	4.49	16	T J
	Unknown-7	4.94	20	T J
	Unknown Organic Acid-3	5.26	22	T J
	Unknown-8	5.61	12	T J
	Unknown-9	5.70	41	T J
	Unknown-10	6.58	1800	T J

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8557.d
Report Date: 11-Mar-2010 14:34

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8557.d
Lab Smp Id: 460-10889-F-20-A Client Smp ID: GW-017338-030310-AC
Inj Date : 07-MAR-2010 18:28
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-20-A
Misc Info : 460-10889-F-20-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/8270Cdel_08.m
Meth Date : 09-Mar-2010 12:32 croccom Quant Type: ISTD
Cal Date : 07-MAR-2010 15:08 Cal File: z8549.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.807	2.766	(0.693)	185086	8.31126	17(R)
$ 17 Phenol-d5 (SUR)	99	3.690	3.701	(0.911)	424863	16.2649	32
* 79 1,4-Dichlorobenzene-d4	152	4.049	4.048	(1.000)	565234	40.0000	
23 1,2-Dichlorobenzene	146	4.219	4.219	(1.042)	4427	0.20974	0.42(a)
3 2-Methylphenol	108	4.319	4.319	(1.067)	22589	1.23634	2.5(a)
4 4-Methylphenol	108	4.478	4.484	(1.106)	58368	4.14092	8.3(a)
121 3 & 4 Methylphenol	108	4.478	4.484	(1.106)	58368	4.14092	8.3(a)
104 Acetophenone	105	4.454	4.466	(1.100)	35560	1.50696	3.0(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.607	4.613	(0.864)	1010349	44.6563	89
6 2,4-Dimethylphenol	122	5.031	5.013	(0.944)	219578	14.9574	30
* 80 Naphthalene-d8	136	5.331	5.337	(1.000)	1787363	40.0000	
31 Naphthalene	128	5.354	5.360	(1.004)	21685	0.46586	0.93(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.425	6.431	(0.906)	1149637	35.9562	72
* 82 Acenaphthene-d10	164	7.090	7.089	(1.000)	887032	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.872	7.866	(1.110)	191021	48.8620	98

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8557.d
Report Date: 11-Mar-2010 14:34

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 83 Phenanthrene-d10	188	8.542	8.542	(1.000)	1073784	40.0000	
$ 78 Terphenyl-d14	244	10.107	10.113	(0.900)	835714	36.6695	73
* 81 Chrysene-d12	240	11.225	11.236	(1.000)	760758	40.0000	
* 84 Perylene-d12	264	13.060	13.065	(1.000)	562095	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8557.d
Report Date: 11-Mar-2010 14:34

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8557.d
Lab Smp Id: 460-10889-F-20-A Client Smp ID: GW-017338-030310-AC
Inj Date : 07-MAR-2010 18:28
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-20-A
Misc Info : 460-10889-F-20-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/8270Cdel_08.m
Meth Date : 09-Mar-2010 12:32 croccom Quant Type: ISTD
Cal Date : 07-MAR-2010 15:08 Cal File: z8549.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

ISTD		RT	AREA	AMOUNT
* 79	1,4-Dichlorobenzene-d4	4.049	3925910	40.000
* 80	Naphthalene-d8	5.331	10650658	40.000
* 82	Acenaphthene-d10	7.090	3972982	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown-1					CAS #:		
1.572	862339	8.78612863	18	0		0	79

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8557.d
Report Date: 11-Mar-2010 14:34

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown-2				CAS #:			
1.672	415614	4.23457898	8.5	0		0	79
Toluene				CAS #: 108-88-3			
1.919	33453095	340.844233	680	97	NIST02.l	2405	79
Unknown Organic Acid-1				CAS #:			
2.178	510722	5.20360802	10	0		0	79
Unknown Organic Acid-2				CAS #:			
2.531	527466	5.37420510	11	0		0	79
Ethylbenzene				CAS #: 100-41-4			
2.719	39427265	401.713378	800	95	NIST02.l	4962	79
Xylene isomer-1				CAS #:			
2.825	68405021	696.959626	1400	0		0	79
Xylene isomer-2				CAS #:			
2.990	8968422	91.3767411	180	0		0	79
Unknown-3				CAS #:			
3.055	2474319	25.2101405	50	0		0	79
Unknown-3				CAS #:			
3.960	522147	5.32001396	11	0		0	79
Unknown-5				CAS #:			
4.143	691225	7.04269334	14	0		0	79
Unknown-6				CAS #:			
4.490	799207	8.14289467	16	0		0	79
Unknown-7				CAS #:			
4.943	2629290	9.87465641	20	0		0	80
Unknown Organic Acid-3				CAS #:			
5.260	2897947	10.8836333	22	0		0	80
Unknown-8				CAS #:			
5.613	1629479	6.11973011	12	0		0	80
Unknown-9				CAS #:			
5.696	5448518	20.4626531	41	0		0	80

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8557.d
Report Date: 11-Mar-2010 14:34

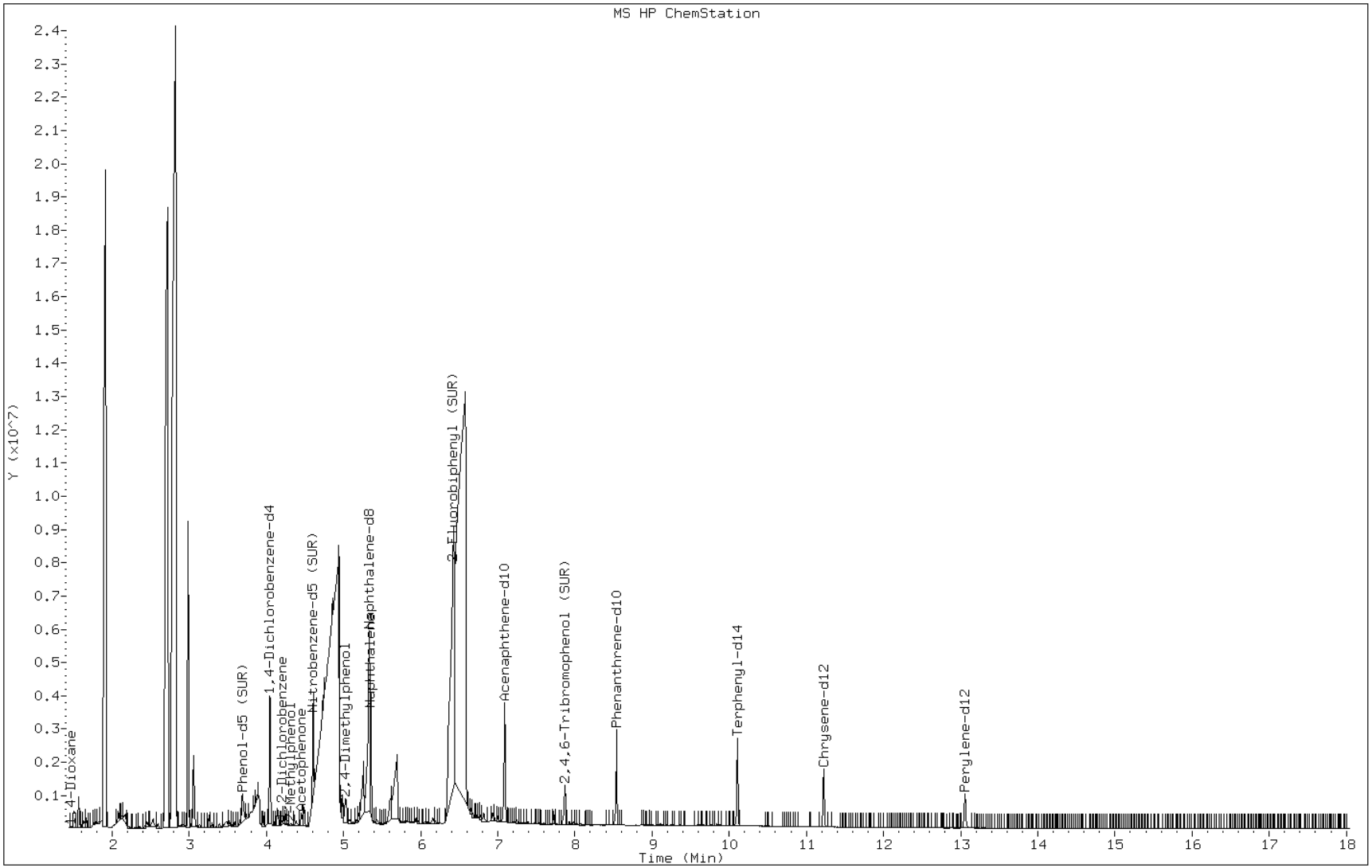
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Unknown-10					CAS #:		
6.584	88948265	895.531406	1800	0		0	82

Data File: z8557.d

Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4



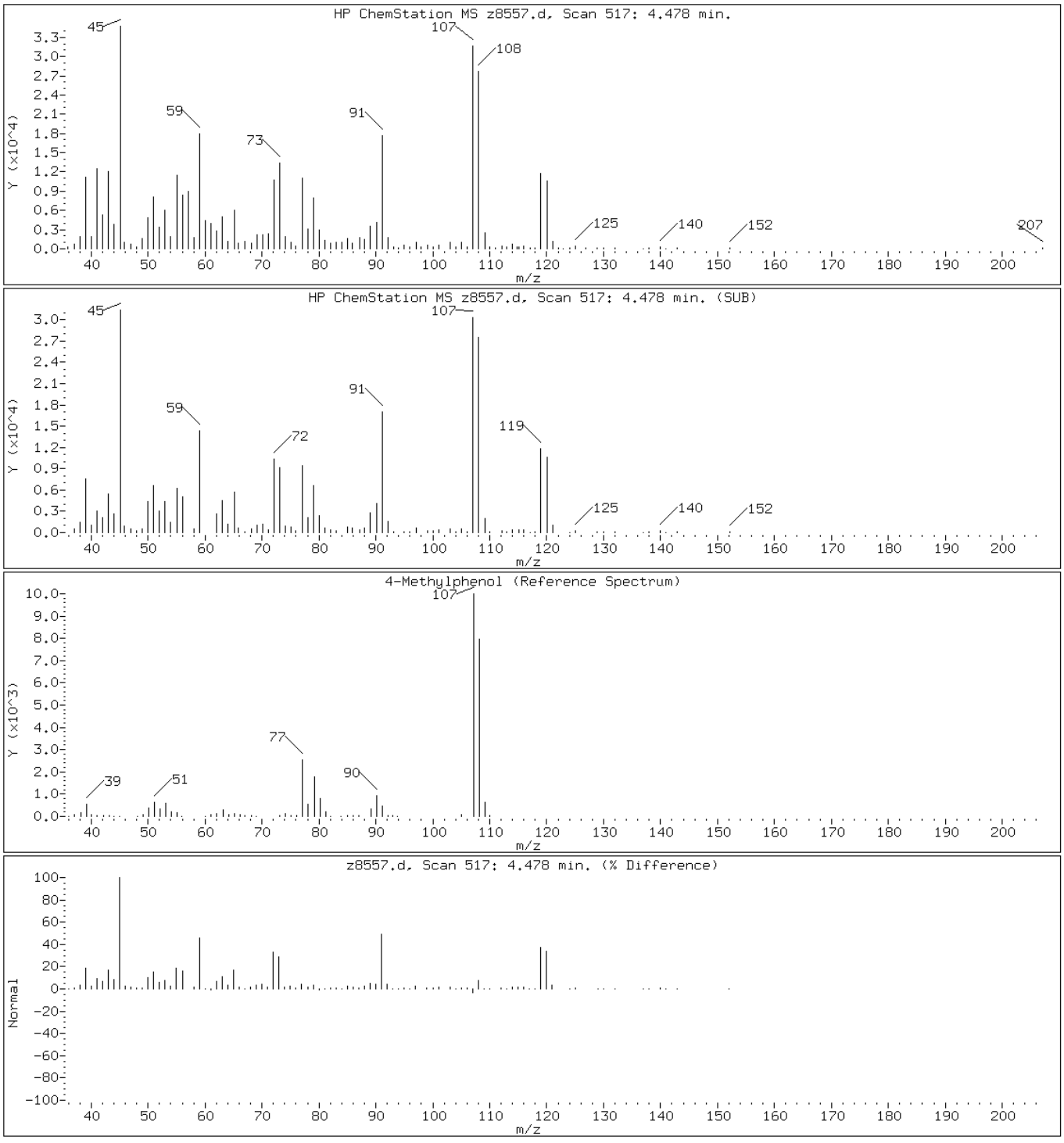
Data File: z8557.d

Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4

4 4-Methylphenol



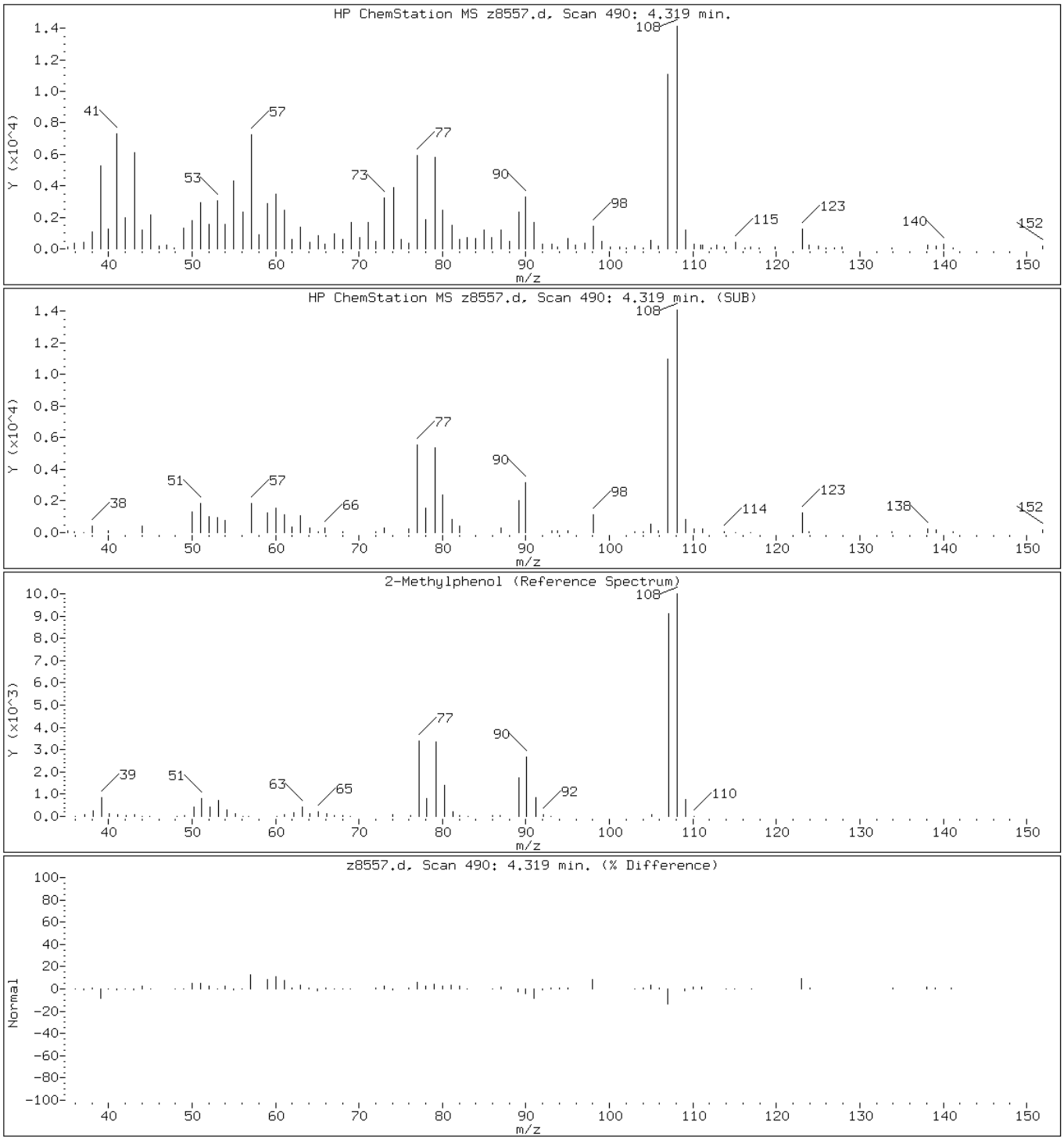
Data File: z8557.d

Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4

3 2-Methylphenol



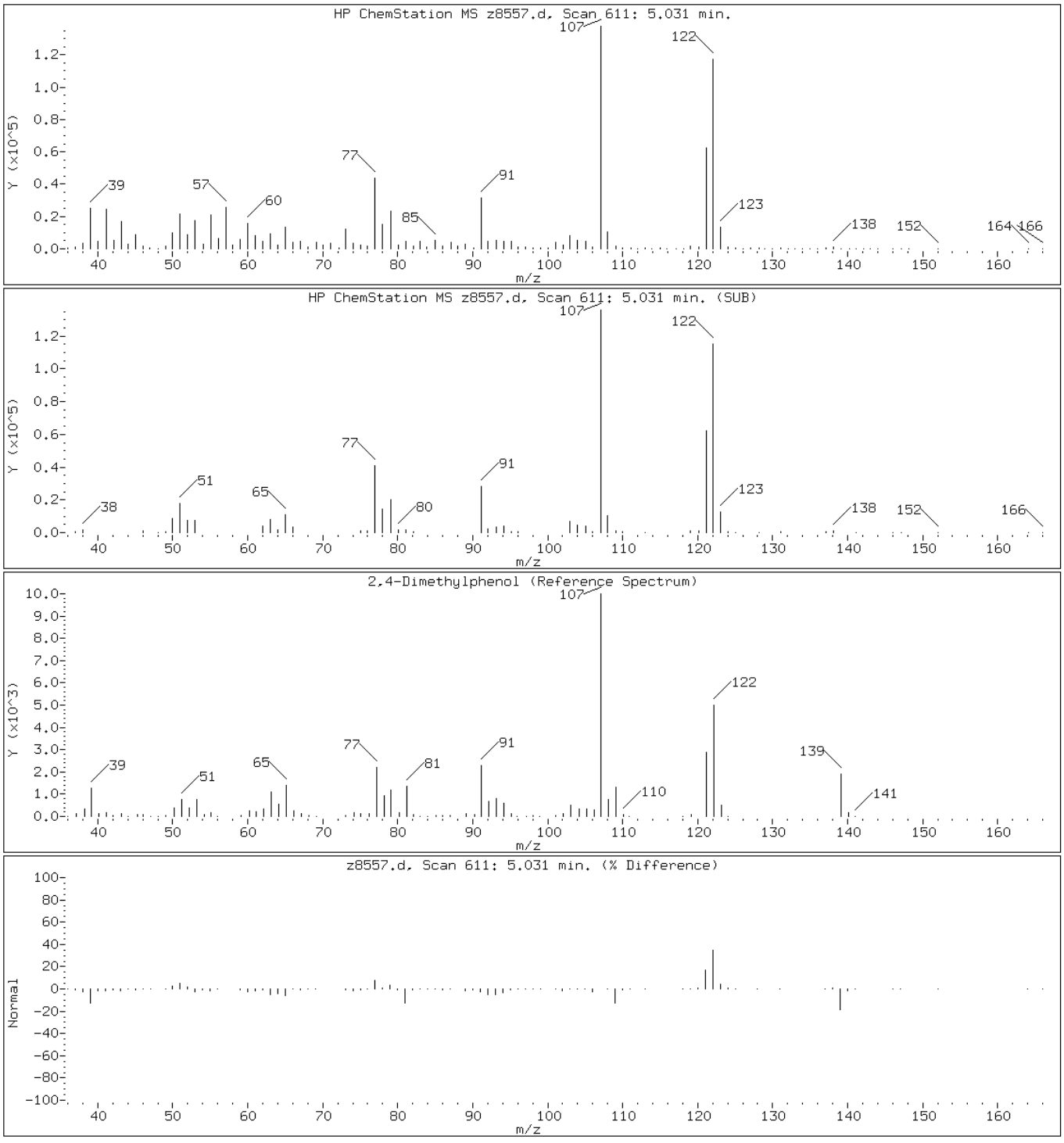
Data File: z8557.d

Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4

6 2,4-Dimethylphenol



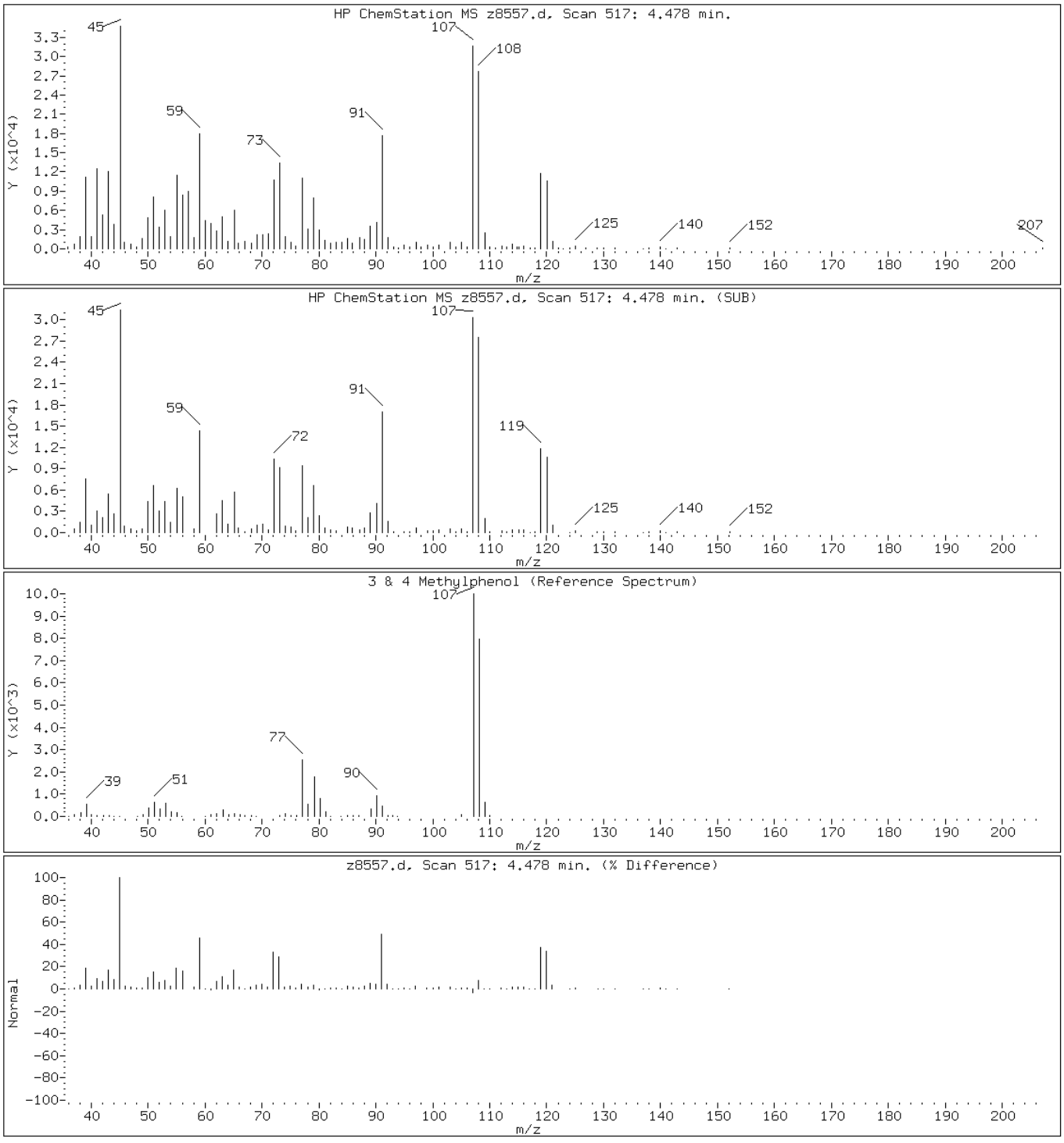
Data File: z8557.d

Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4

121 3 & 4 Methylphenol



Data File: z8557.d

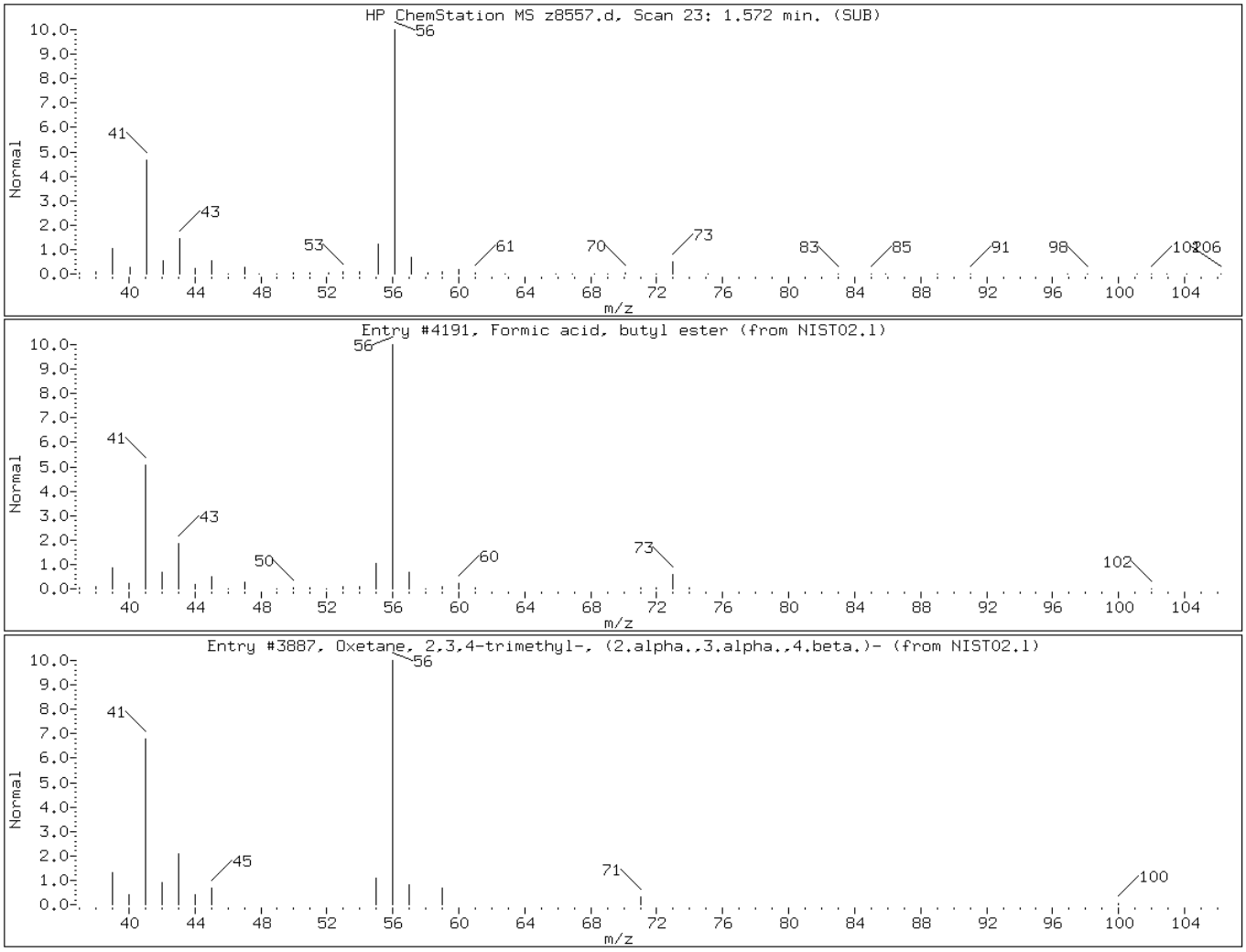
Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4

Retention Time: 1.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Formic acid, butyl ester	592-84-7	NIST02.l	4191	78	C5H10O2	102
Oxetane, 2,3,4-trimethyl-, (2.alph	32347-12-9	NIST02.l	3887	56	C6H12O	100



Data File: z8557.d

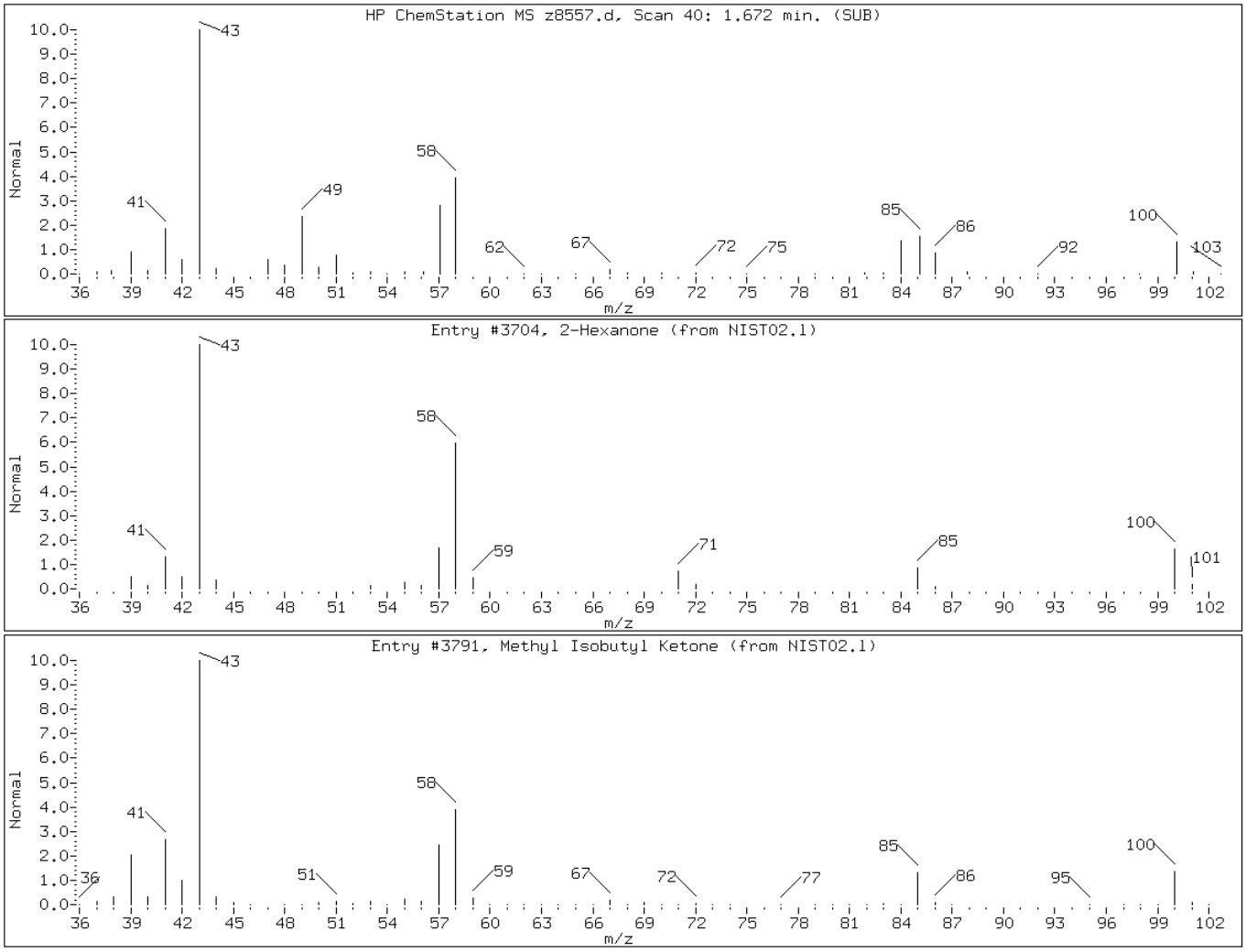
Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4

Retention Time: 1.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
2-Hexanone	591-78-6	NIST02.l	3704	30	C6H12O	100
Methyl Isobutyl Ketone	108-10-1	NIST02.l	3791	30	C6H12O	100



Data File: z8557.d

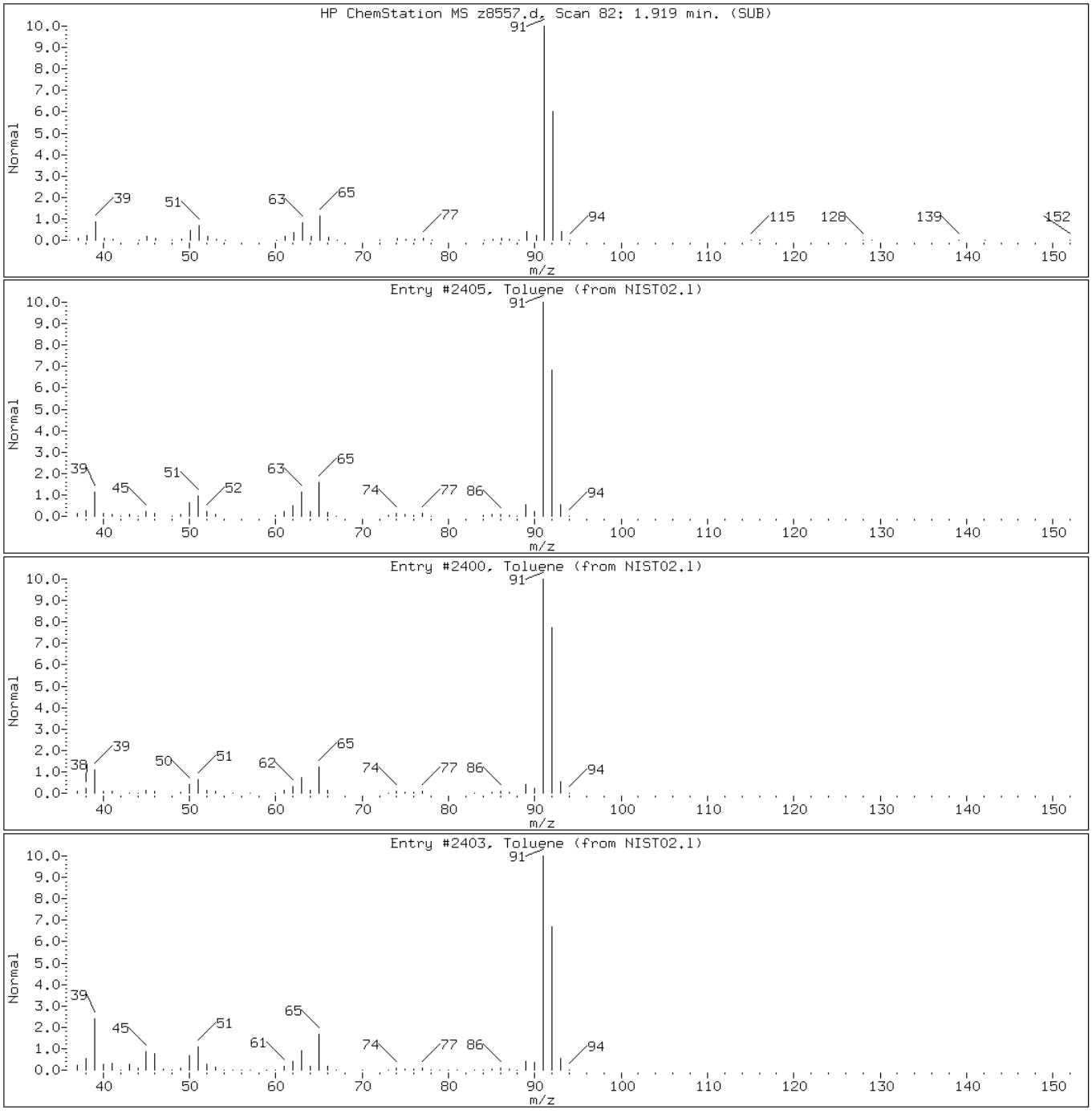
Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4

Retention Time: 1.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Toluene	108-88-3	NIST02.l	2405	97	C7H8	92
Toluene	108-88-3	NIST02.l	2400	95	C7H8	92
Toluene	108-88-3	NIST02.l	2403	87	C7H8	92



Data File: z8557.d

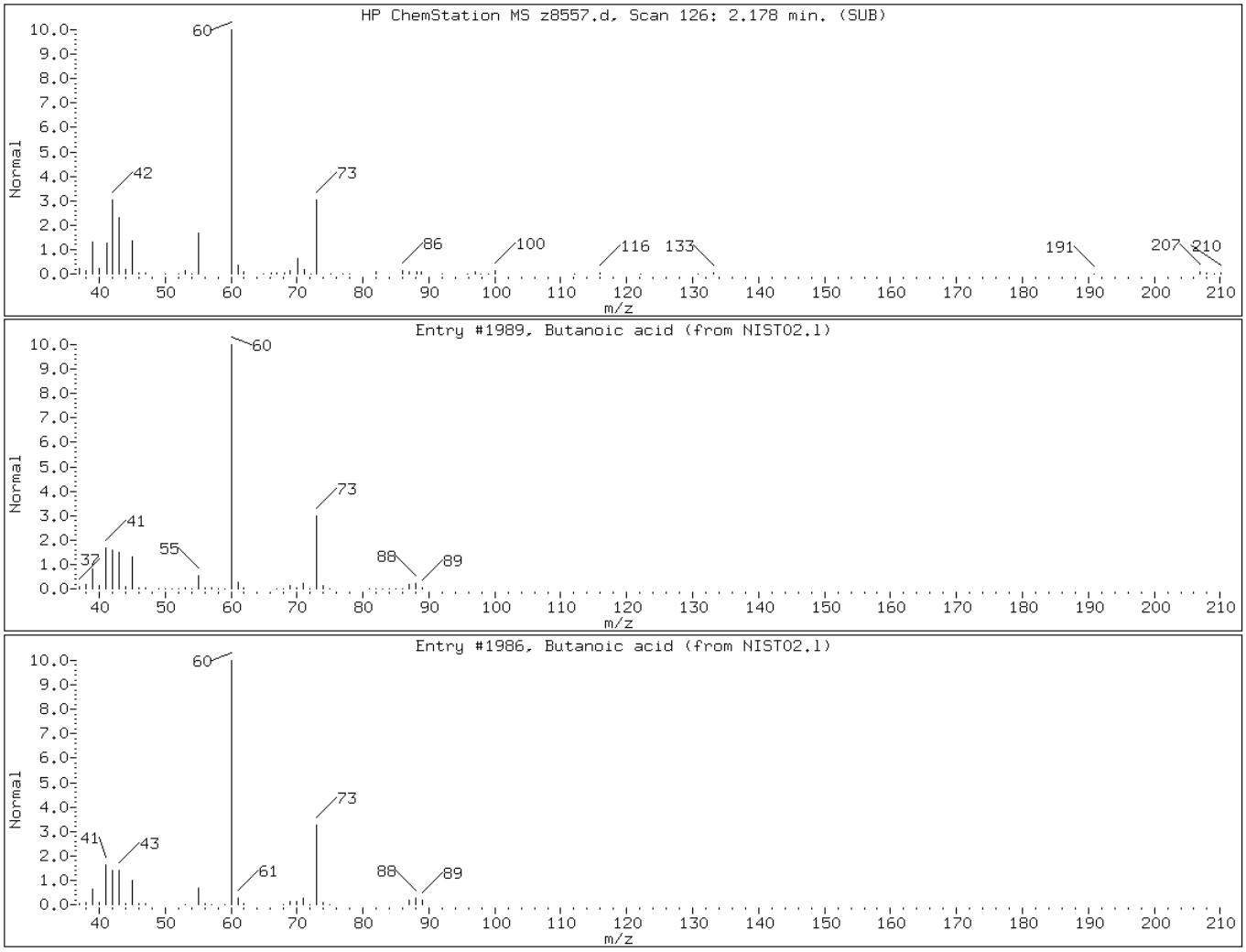
Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4

Retention Time: 2.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Organic Acid-1						
Butanoic acid	107-92-6	NIST02.l	1989	64	C4H8O2	88
Butanoic acid	107-92-6	NIST02.l	1986	64	C4H8O2	88



Data File: z8557.d

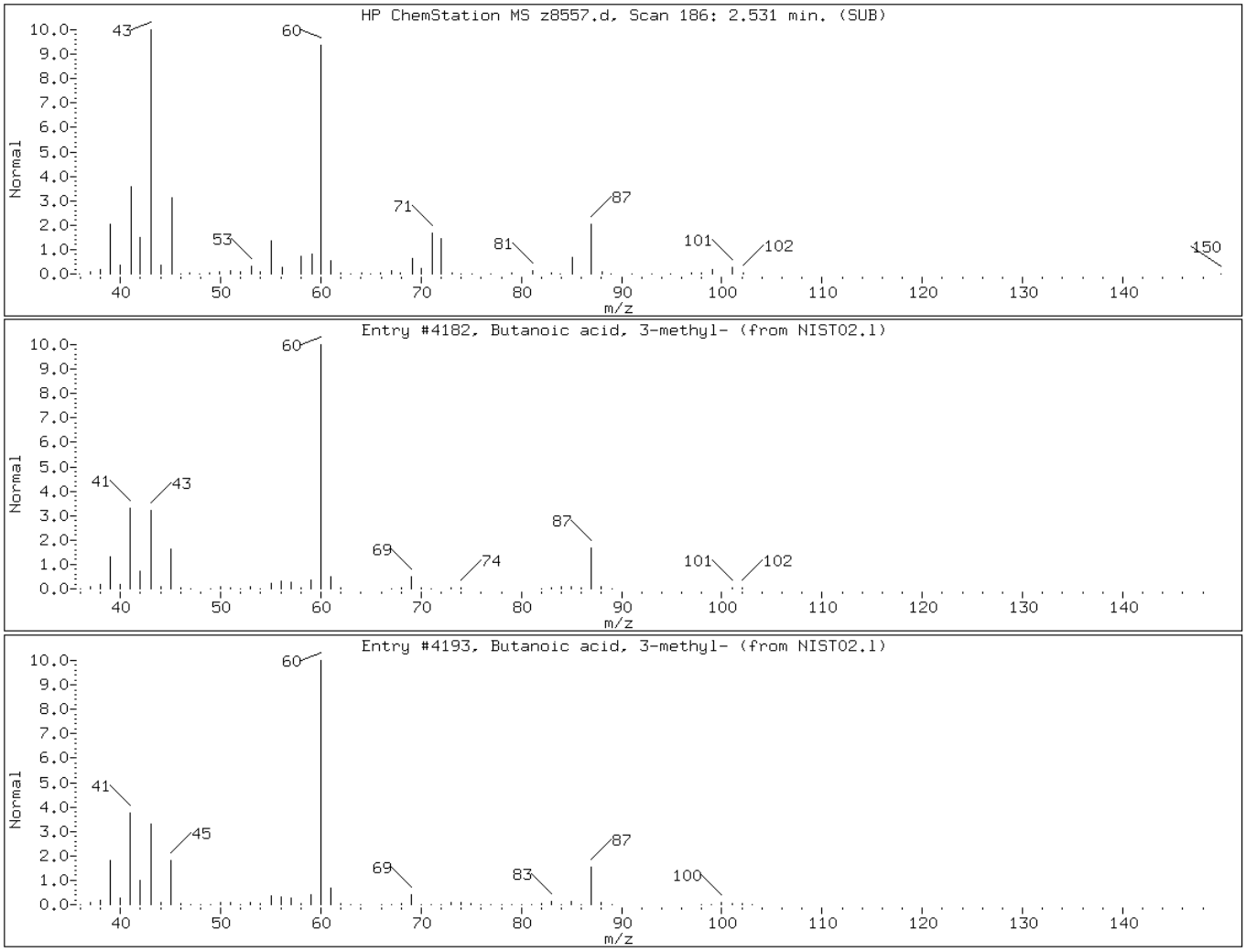
Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4

Retention Time: 2.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Organic Acid-2						
Butanoic acid, 3-methyl-	503-74-2	NIST02.l	4182	53	C5H10O2	102
Butanoic acid, 3-methyl-	503-74-2	NIST02.l	4193	50	C5H10O2	102



Data File: z8557.d

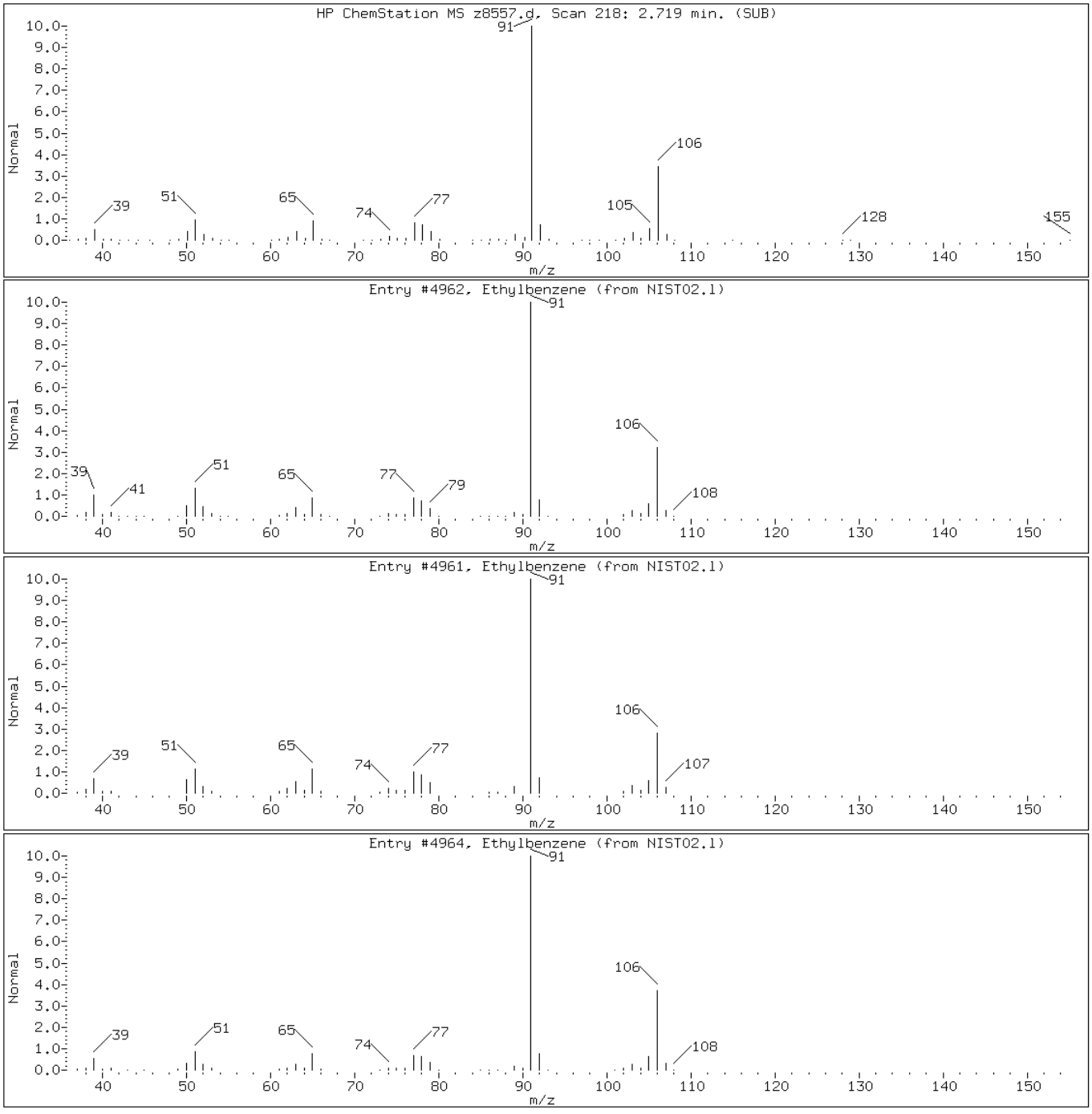
Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4

Retention Time: 2.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylbenzene	100-41-4	NIST02.l	4962	95	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4961	94	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4964	93	C8H10	106



Data File: z8557.d

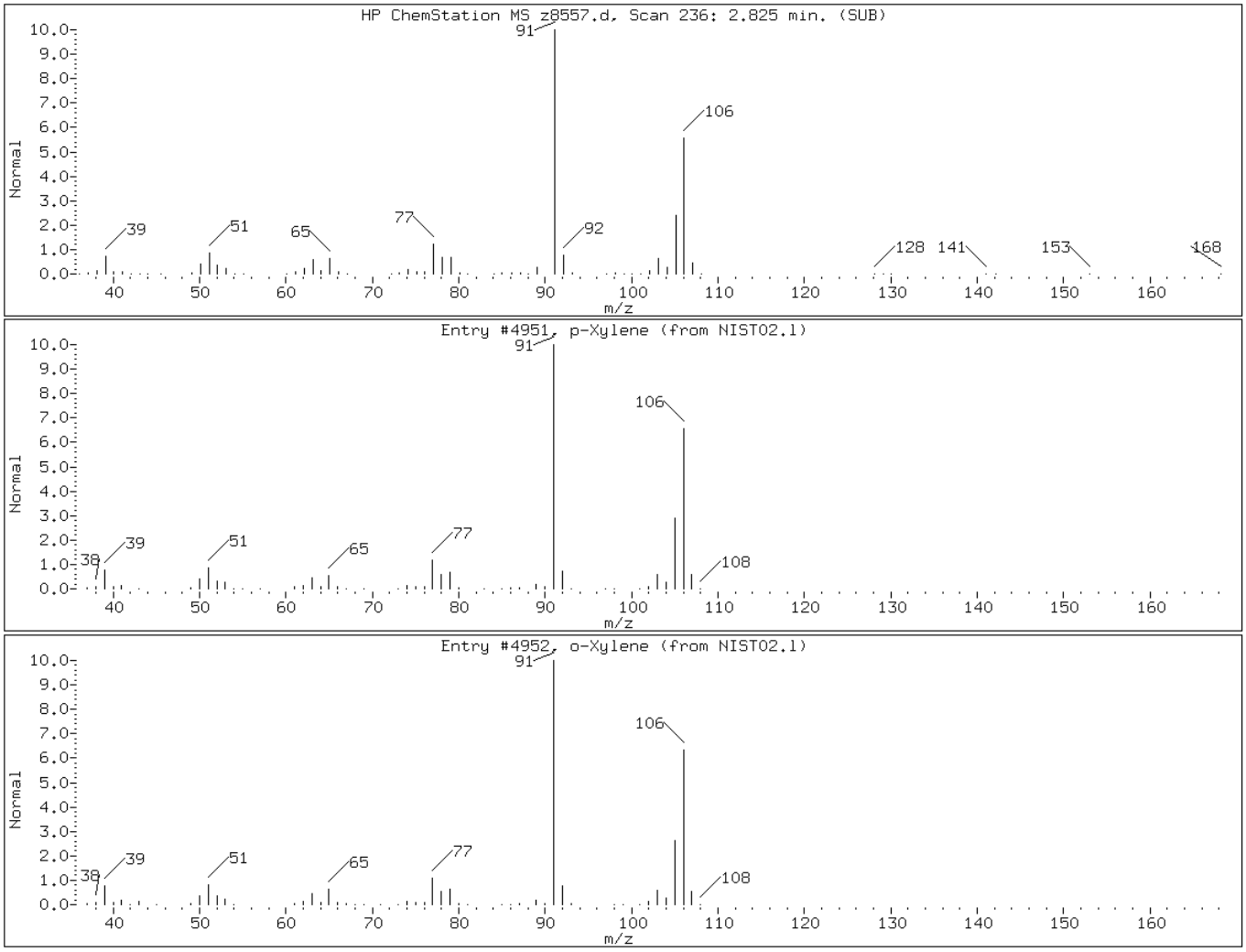
Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4

Retention Time: 2.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Xylene isomer-1						
p-Xylene	106-42-3	NIST02.l	4951	97	C8H10	106
o-Xylene	95-47-6	NIST02.l	4952	97	C8H10	106



Data File: z8557.d

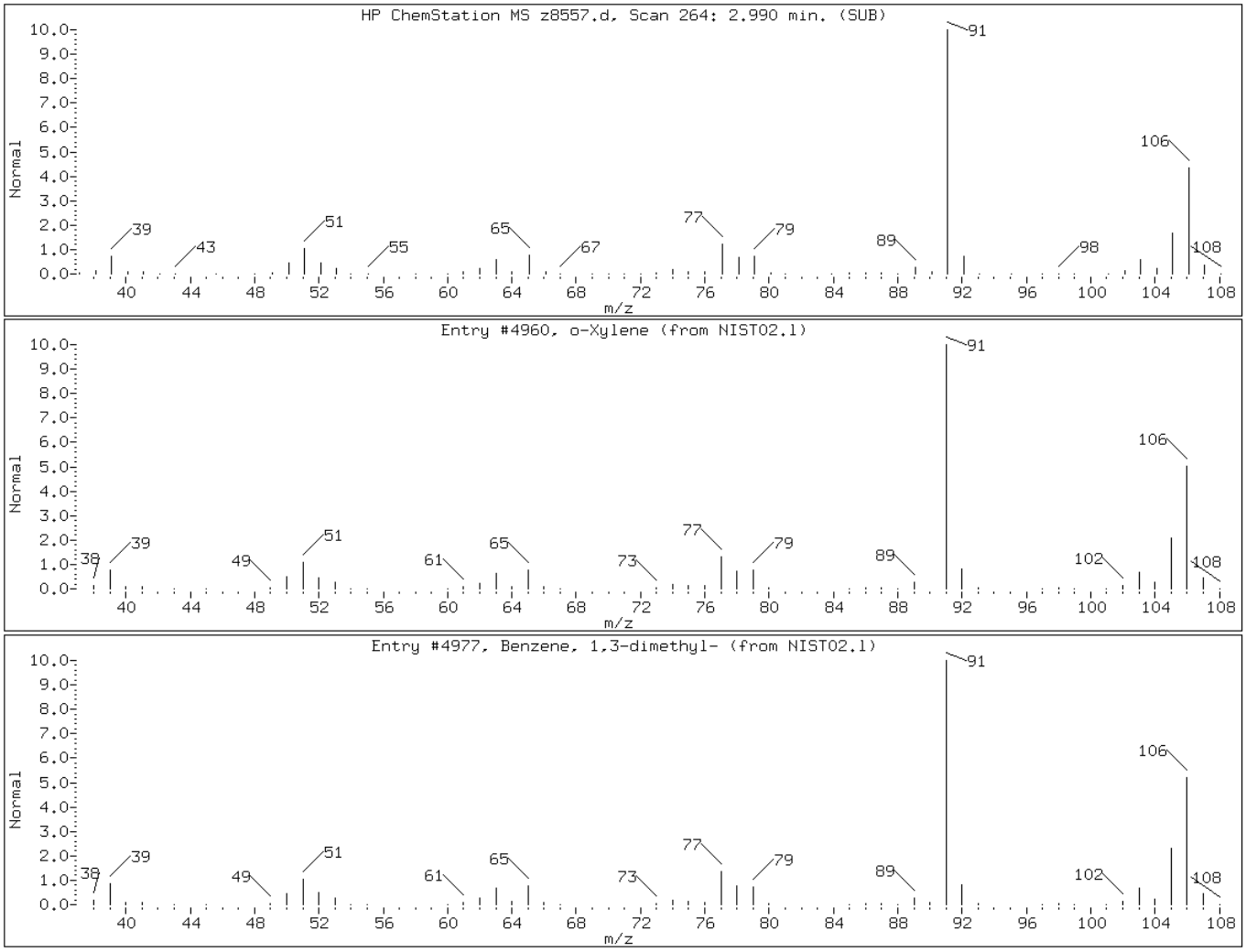
Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4

Retention Time: 2.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Xylene isomer-2						
o-Xylene	95-47-6	NIST02.l	4960	97	C8H10	106
Benzene, 1,3-dimethyl-	108-38-3	NIST02.l	4977	97	C8H10	106



Data File: z8557.d

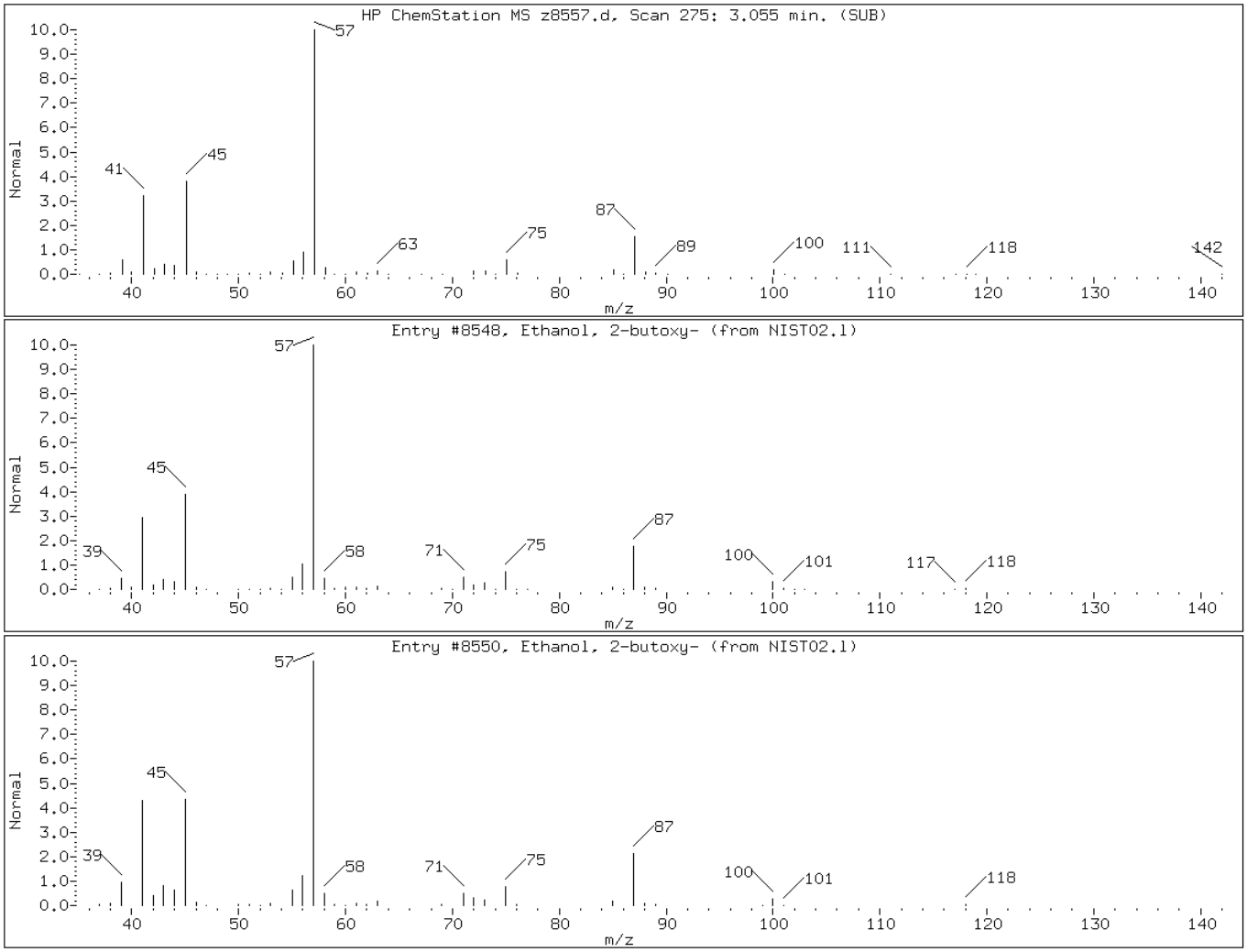
Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4

Retention Time: 3.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Ethanol, 2-butoxy-	111-76-2	NIST02.l	8548	50	C6H14O2	118
Ethanol, 2-butoxy-	111-76-2	NIST02.l	8550	50	C6H14O2	118



Data File: z8557.d

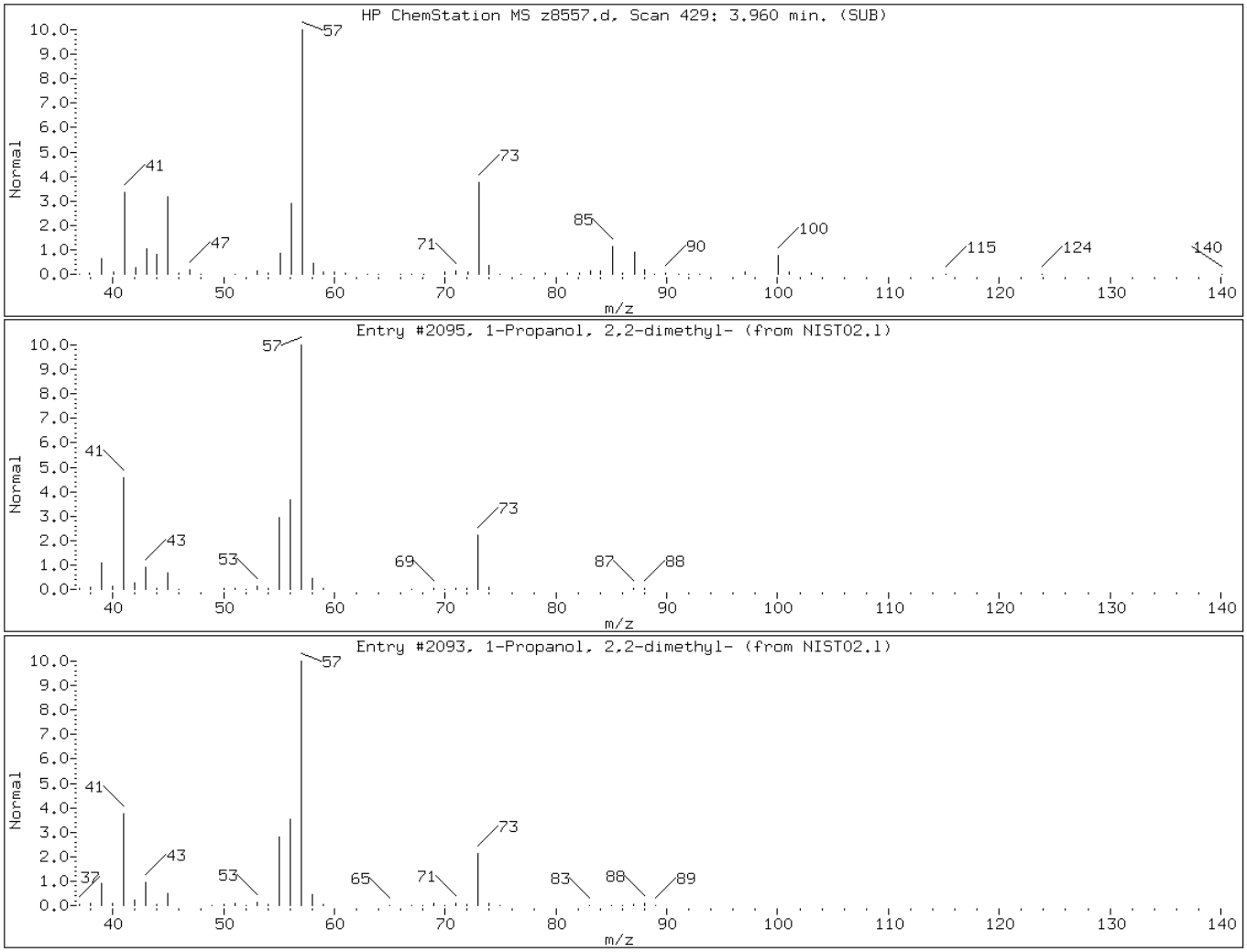
Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4

Retention Time: 3.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
1-Propanol, 2,2-dimethyl-	75-84-3	NIST02.l	2095	47	C5H12O	88
1-Propanol, 2,2-dimethyl-	75-84-3	NIST02.l	2093	43	C5H12O	88



Data File: z8557.d

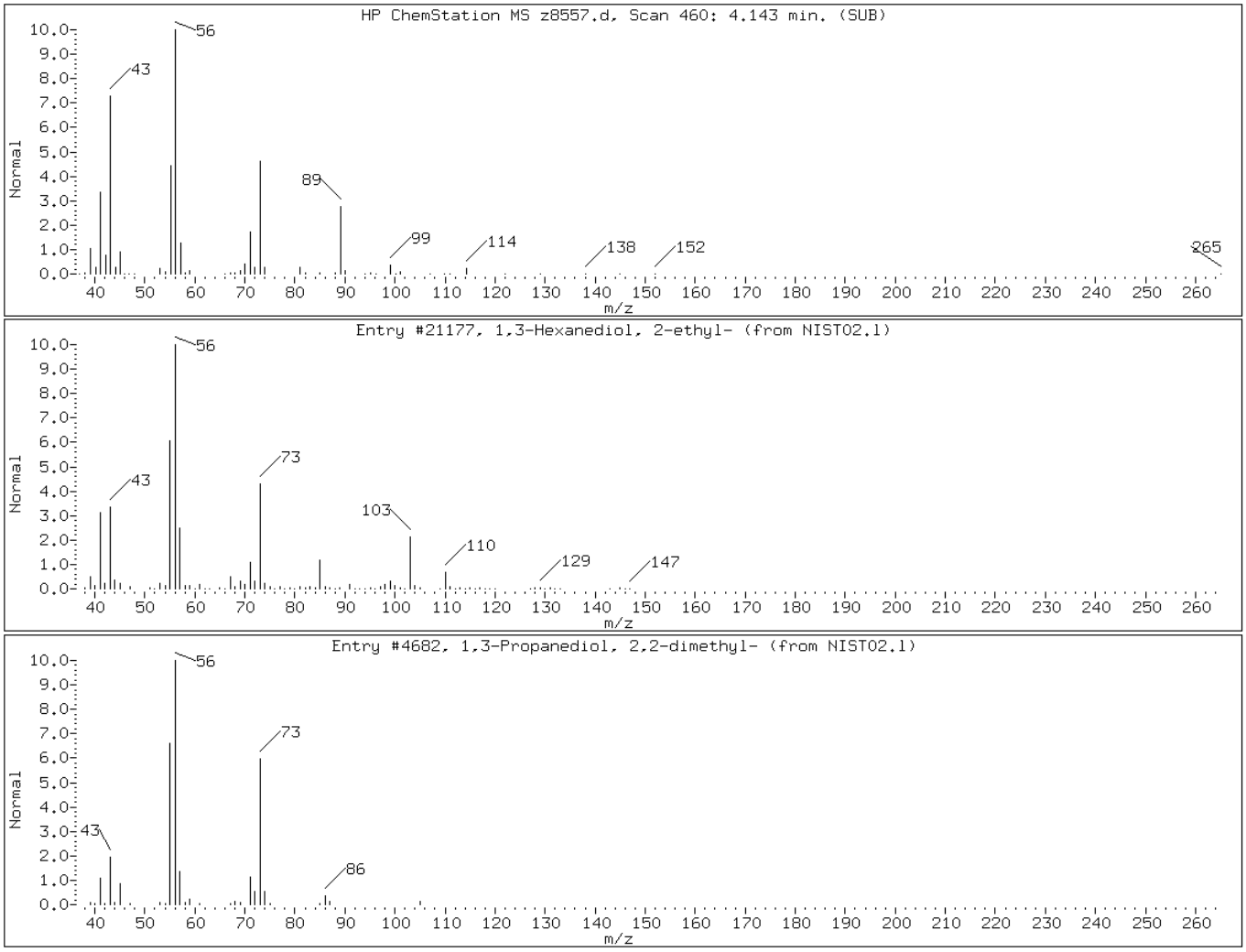
Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4

Retention Time: 4.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-5						
1,3-Hexanediol, 2-ethyl-	94-96-2	NIST02.l	21177	42	C8H18O2	146
1,3-Propanediol, 2,2-dimethyl-	126-30-7	NIST02.l	4682	38	C5H12O2	104



Data File: z8557.d

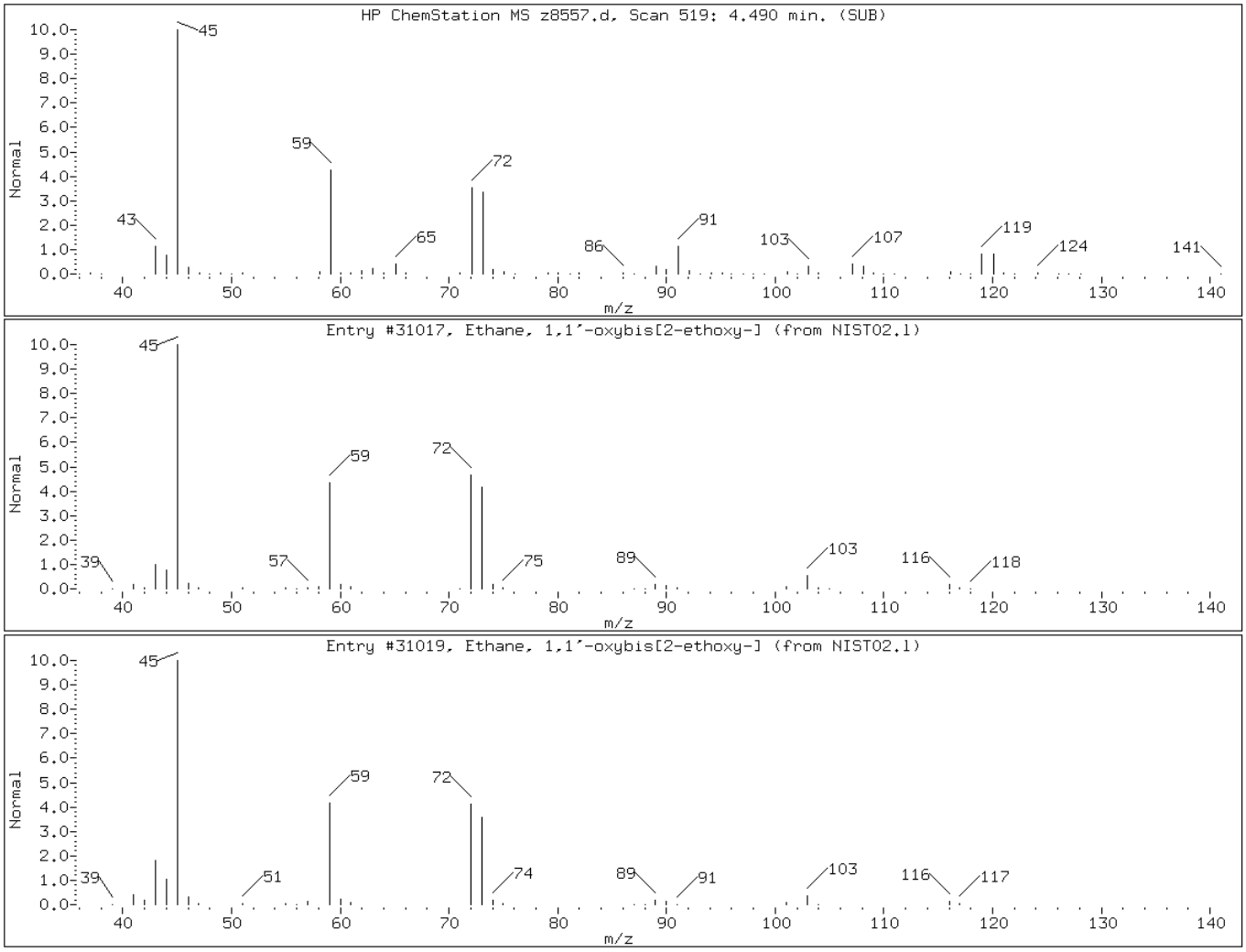
Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4

Retention Time: 4.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-6						
Ethane, 1,1'-oxybis[2-ethoxy-]	112-36-7	NIST02.l	31017	72	C8H18O3	162
Ethane, 1,1'-oxybis[2-ethoxy-]	112-36-7	NIST02.l	31019	72	C8H18O3	162



Data File: z8557.d

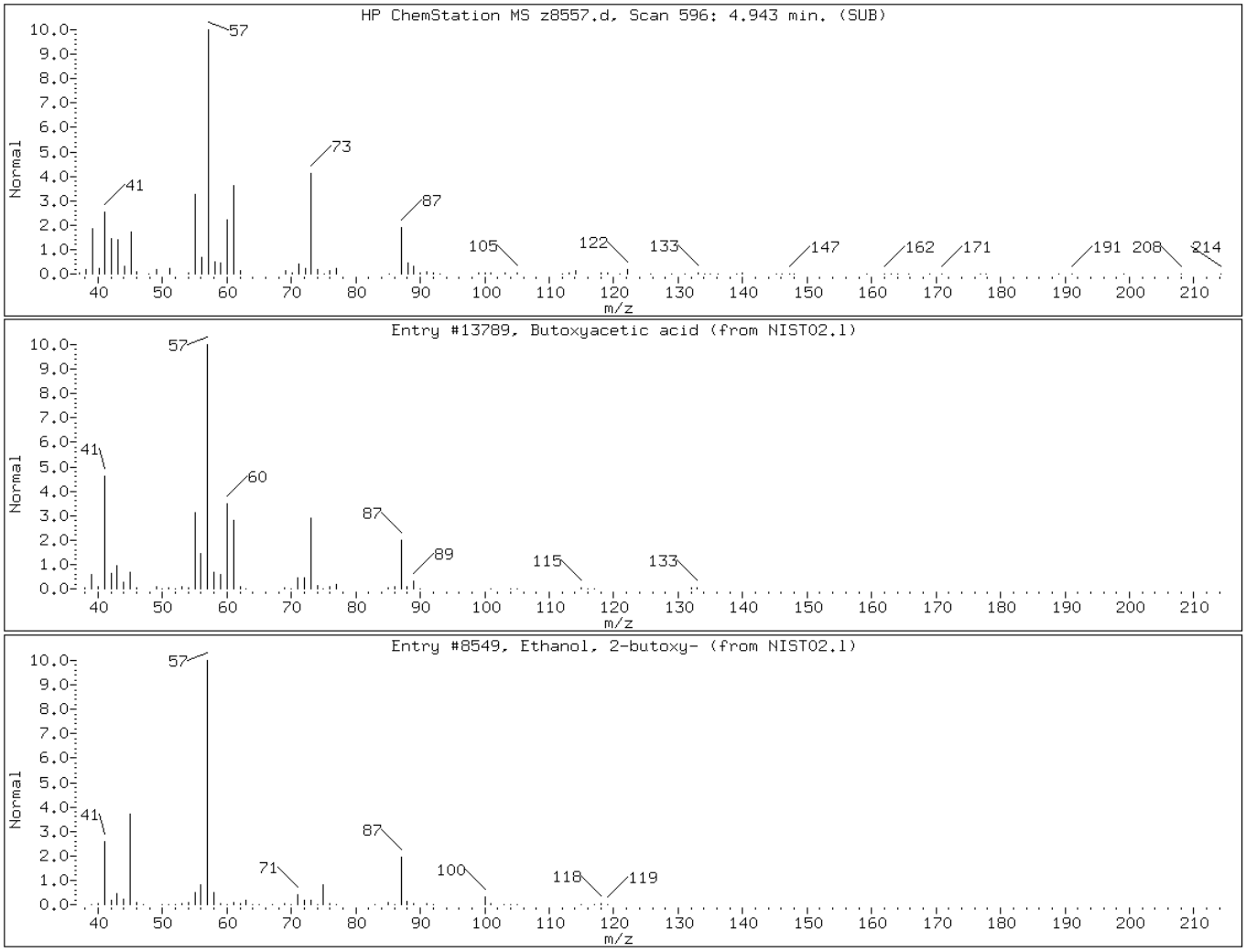
Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4

Retention Time: 4.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-7						
Butoxyacetic acid	2516-93-0	NIST02.l	13789	38	C6H12O3	132
Ethanol, 2-butoxy-	111-76-2	NIST02.l	8549	35	C6H14O2	118



Data File: z8557.d

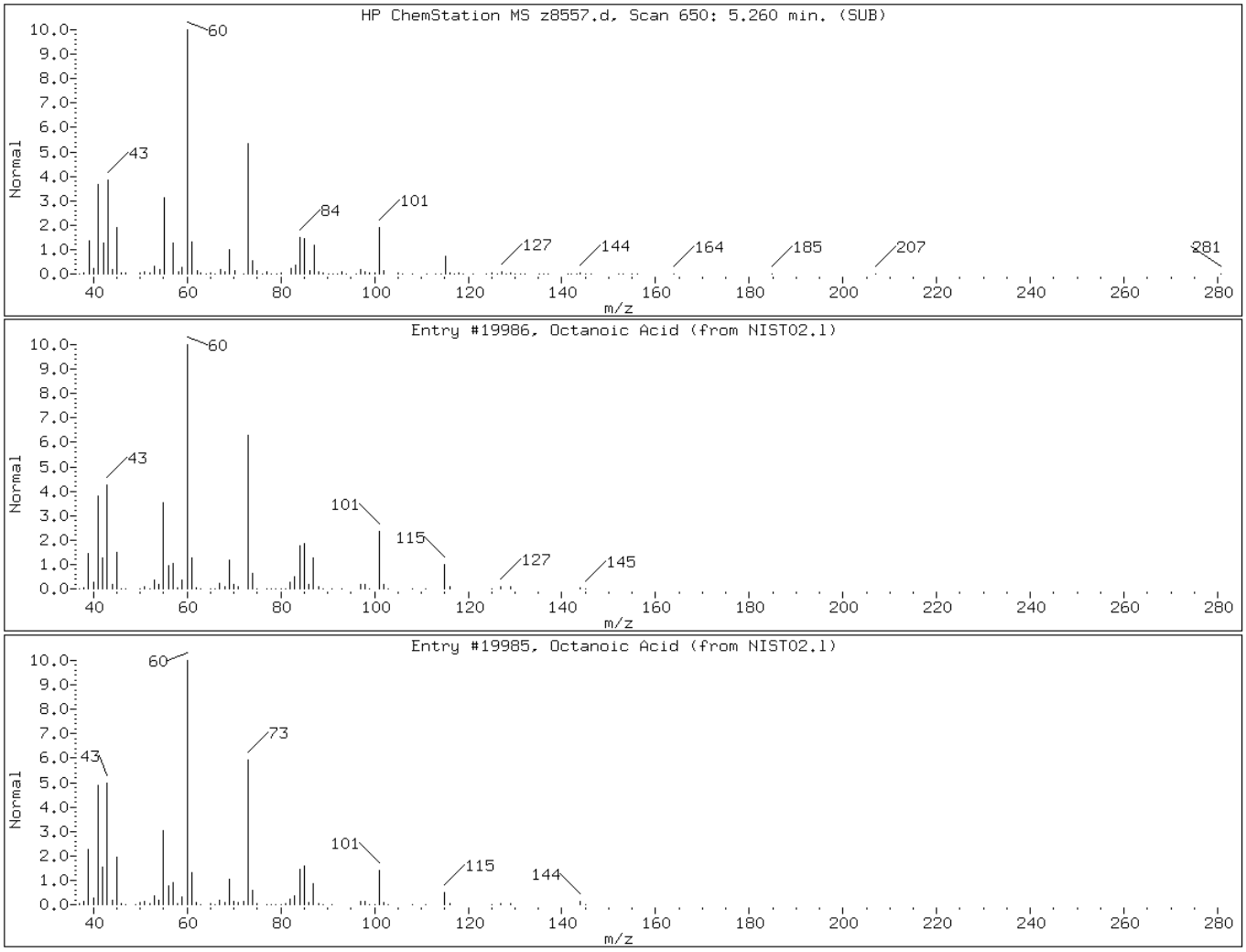
Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4

Retention Time: 5.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Organic Acid-3						
Octanoic Acid	124-07-2	NIST02.l	19986	91	C8H16O2	144
Octanoic Acid	124-07-2	NIST02.l	19985	90	C8H16O2	144



Data File: z8557.d

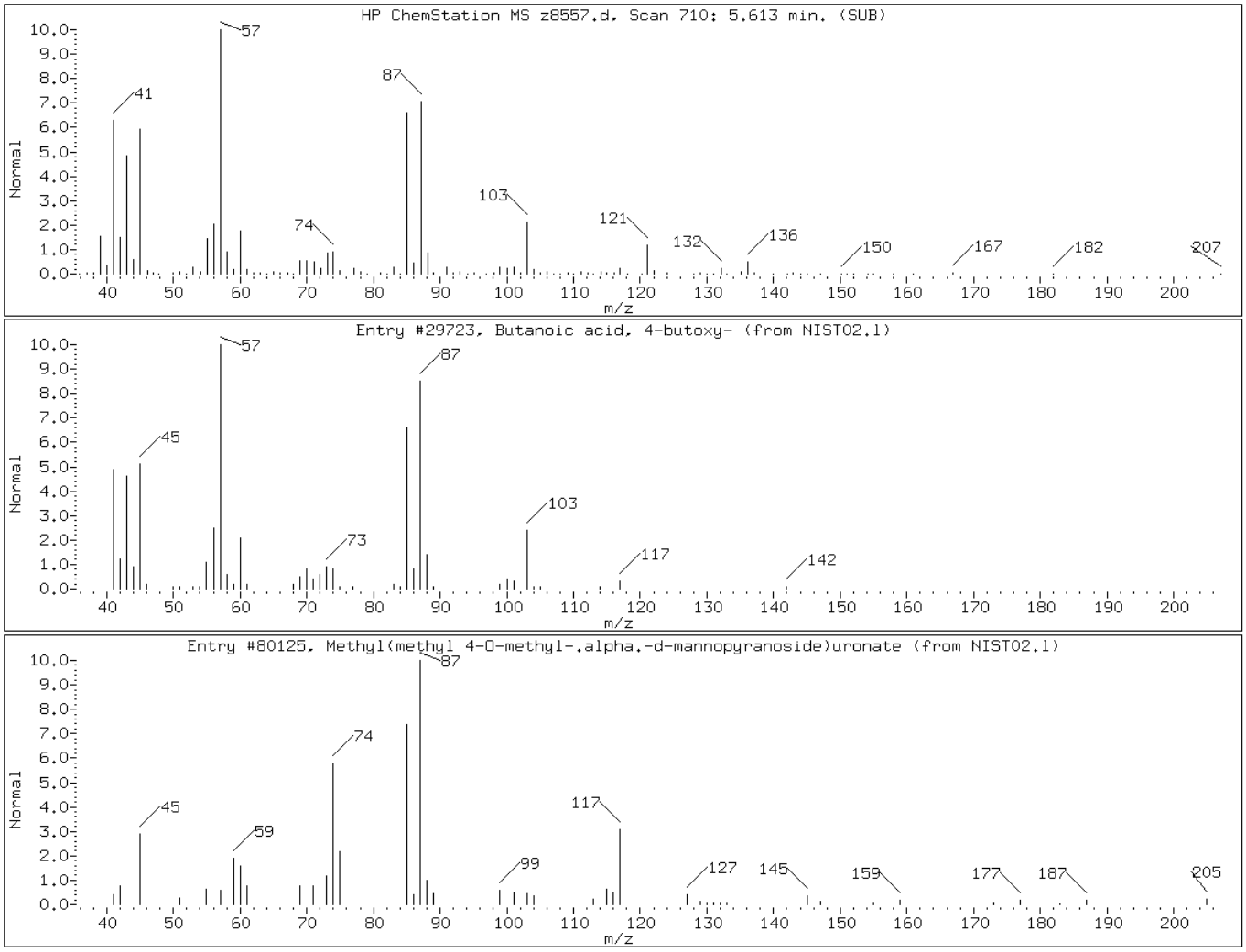
Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4

Retention Time: 5.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-8						
Butanoic acid, 4-butoxy-	55724-73-7	NIST02.l	29723	53	C8H16O3	160
Methyl(methyl 4-O-methyl-.alpha.-d	24916-47-0	NIST02.l	80125	43	C9H16O7	236



Data File: z8557.d

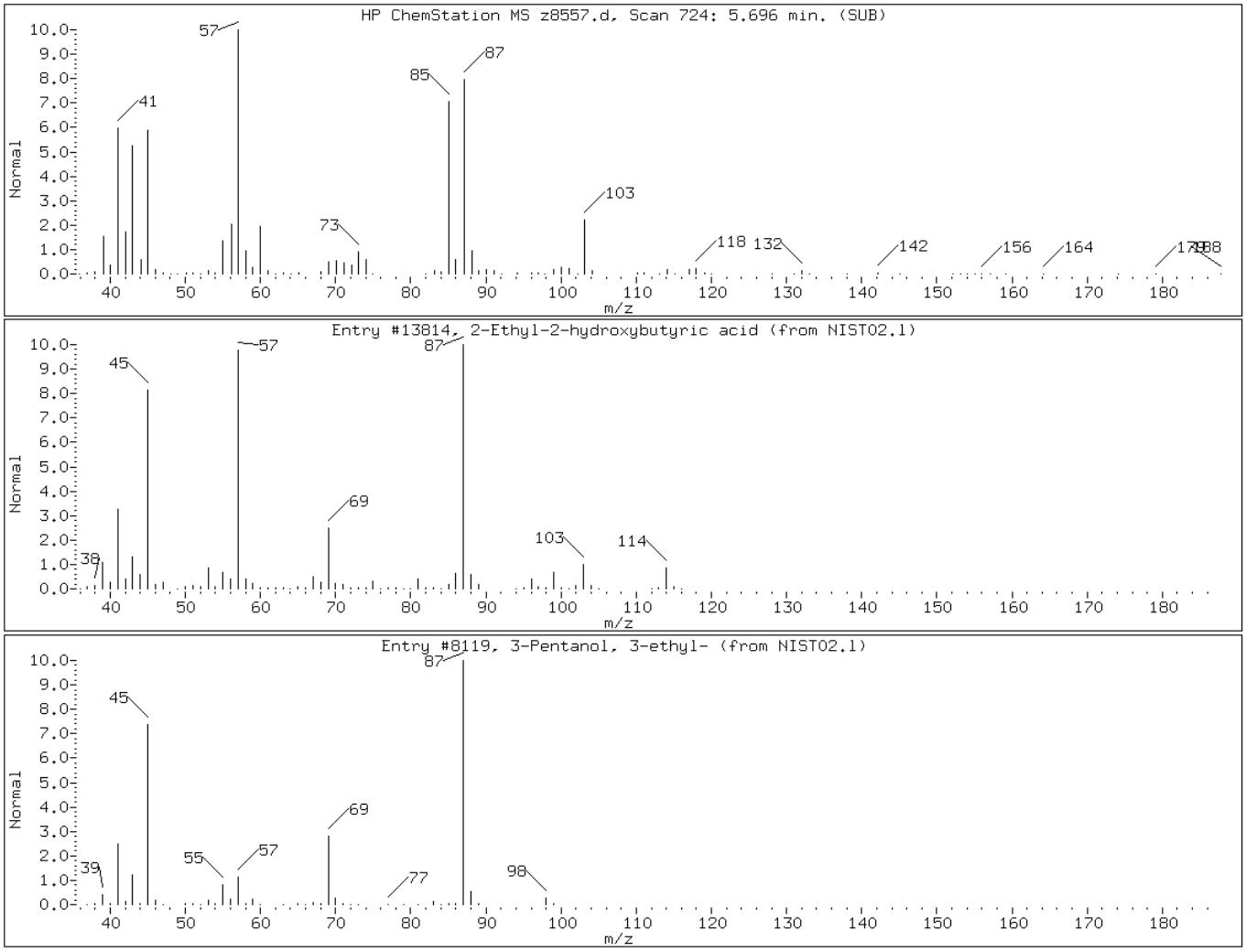
Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4

Retention Time: 5.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-9						
2-Ethyl-2-hydroxybutyric acid	3639-21-2	NIST02.l	13814	43	C6H12O3	132
3-Pentanol, 3-ethyl-	597-49-9	NIST02.l	8119	38	C7H16O	116



Data File: z8557.d

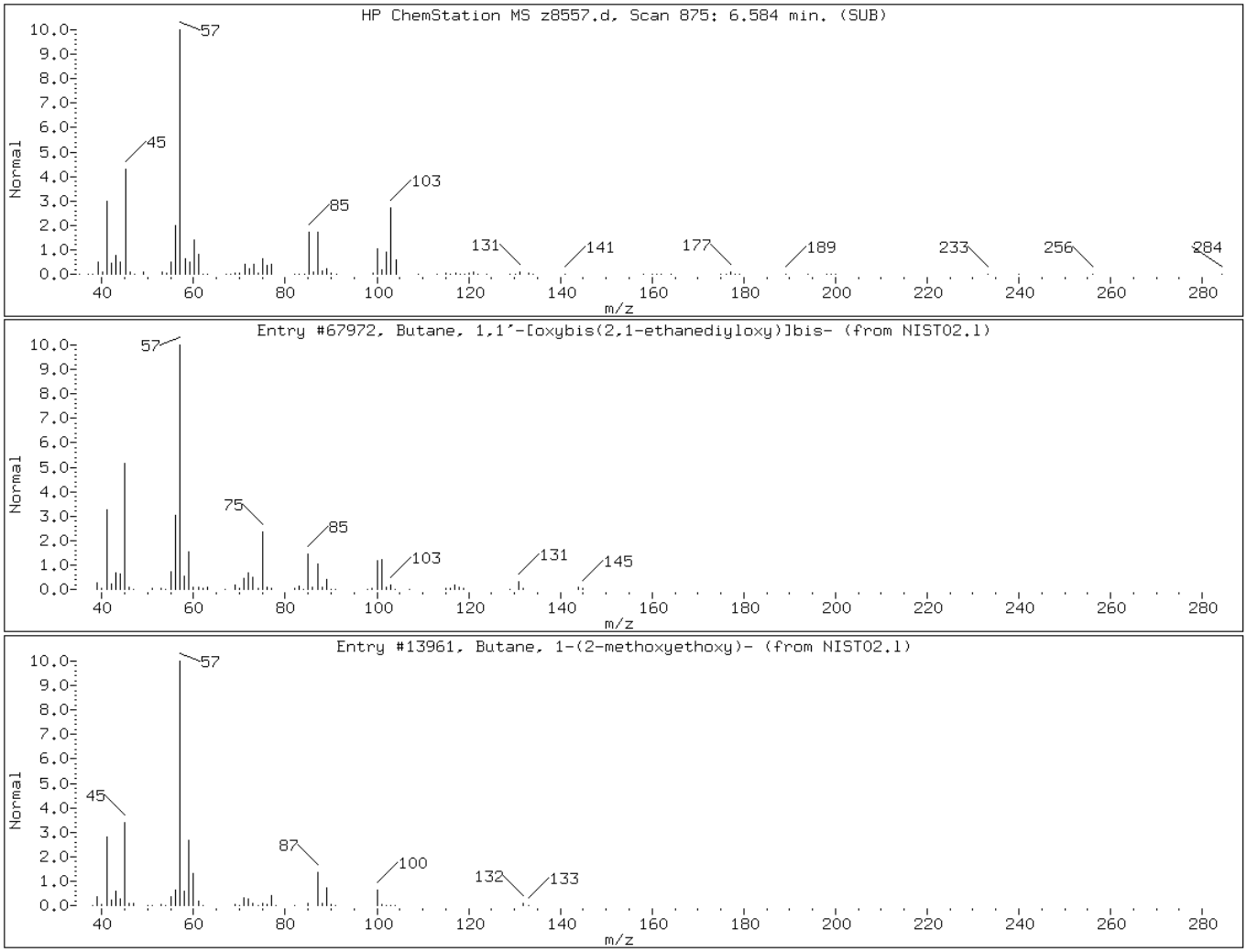
Date: 07-MAR-2010 18:28

Client ID: GW-017338-030310-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4

Retention Time: 6.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-10						
Butane, 1,1'-[oxybis(2,1-ethanediy	112-73-2	NIST02.l	67972	50	C12H26O3	218
Butane, 1-(2-methoxyethoxy)-	13343-98-1	NIST02.l	13961	47	C7H16O2	132



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-021 | Lab Sample ID: 460-10889-21

Matrix: GW | Lab File ID: z8558.d

Analysis Method: 8270C | Date Collected: 03/03/2010 14:00

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 18:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	5.4
108-95-2	Phenol	10	U	10	0.89
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
95-57-8	2-Chlorophenol	10	U	10	2.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.2
98-86-2	Acetophenone	180		10	4.3
91-57-6	2-Methylnaphthalene	64		10	3.1
106-44-5	4-Methylphenol	23		10	1.6
95-48-7	2-Methylphenol	7.0	J	10	1.7
88-74-4	2-Nitroaniline	20	U	20	5.7
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
78-59-1	Isophorone	10	U	10	3.6
88-75-5	2-Nitrophenol	10	U	10	3.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
105-67-9	2,4-Dimethylphenol	15		10	2.5
100-01-6	4-Nitroaniline	20	U	20	4.0
100-02-7	4-Nitrophenol	30	U	30	2.3
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
1912-24-9	Atrazine	10	U	10	4.8
100-52-7	Benzaldehyde	10	U *	10	1.3
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
105-60-2	Caprolactam	10	U	10	0.50
86-74-8	Carbazole	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
95-95-4	2,4,5-Trichlorophenol	10	U *	10	2.5
131-11-3	Dimethyl phthalate	10	U	10	3.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-021 | Lab Sample ID: 460-10889-21

Matrix: GW | Lab File ID: z8558.d

Analysis Method: 8270C | Date Collected: 03/03/2010 14:00

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 18:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-58-7	2-Chloronaphthalene	10	U	10	3.8
206-44-0	Fluoranthene	10	U	10	2.6
86-73-7	Fluorene	10	U	10	3.3
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59
208-96-8	Acenaphthylene	10	U	10	4.0
99-09-2	3-Nitroaniline	20	U	20	4.3
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
132-64-9	Dibenzofuran	10	U	10	3.6
84-66-2	Diethyl phthalate	10	U	10	3.8
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	92	50-119	
321-60-8	2-Fluorobiphenyl	76	61-112	
367-12-4	2-Fluorophenol (Surr)	23	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	70	61-120	
4165-62-2	Phenol-d5 (Surr)	31	9-48	
1718-51-0	Terphenyl-d14 (Surr)	73	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-021 | Lab Sample ID: 460-10889-21

Matrix: GW | Lab File ID: z8558.d

Analysis Method: 8270C | Date Collected: 03/03/2010 14:00

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 18:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

Number TICs Found: 23 | TIC Result Total: 6014

CAS NO.	COMPOUND NAME	RT	RESULT	Q
108-88-3	Toluene	1.93	1000	T J N
100-41-4	Ethylbenzene	2.70	340	T J N
	Xylene isomer-1	2.80	780	T J
	Xylene isomer-2	3.00	380	T J
	Trimethylbenzene isomer-1	3.88	120	T J
	Trimethylbenzene isomer-2	4.12	230	T J
496-11-7	Indane	4.24	210	T J N
	Methylpropylbenzene isomer	4.34	160	T J
	Ethyldimethylbenzene isomer-1	4.39	310	T J
15831-10-4	3 & 4 Methylphenol	4.48	23	
	Ethyldimethylbenzene isomer-2	4.54	240	T J
	Ethyldimethylbenzene isomer-3	4.56	180	T J
	Ethyldimethylbenzene isomer-4	4.61	380	T J
	Ethyldimethylbenzene isomer-5	4.64	81	T J
	Unknown-1	4.70	80	T J
	Ethyldimethylbenzene isomer-6	4.75	110	T J
	Tetramethylbenzene isomer-1	4.84	280	T J
	Tetramethylbenzene isomer-2	4.88	360	T J
	C10H12 Aromatic	5.02	180	T J
	Tetramethylbenzene isomer-3	5.10	360	T J
90-12-0	1-Methylnaphthalene	6.15	18	J
	Unknown-2	6.40	140	T J
	Trimethylbenzoic acid isomer	6.98	52	T J

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8558.d
Report Date: 11-Mar-2010 15:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8558.d
Lab Smp Id: 460-10889-F-21-A Client Smp ID: GW-017338-030310-RA
Inj Date : 07-MAR-2010 18:52
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-21-A
Misc Info : 460-10889-F-21-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/8270Cdel_08.m
Meth Date : 09-Mar-2010 12:32 croccom Quant Type: ISTD
Cal Date : 07-MAR-2010 15:08 Cal File: z8549.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.784	2.766	(0.688)	264416	11.2612	22
$ 17 Phenol-d5 (SUR)	99	3.684	3.701	(0.910)	425219	15.4390	31
* 79 1,4-Dichlorobenzene-d4	152	4.048	4.048	(1.000)	595970	40.0000	
74 Benzyl Alcohol	108	4.195	4.195	(1.036)	5416	0.34978	0.70(aH)
23 1,2-Dichlorobenzene	146	4.219	4.219	(1.042)	3530	0.15862	0.32(a)
3 2-Methylphenol	108	4.313	4.319	(1.065)	67019	3.47890	7.0(a)
4 4-Methylphenol	108	4.478	4.484	(1.106)	174561	11.7455	23
121 3 & 4 Methylphenol	108	4.478	4.484	(1.106)	174561	11.7455	23
104 Acetophenone	105	4.454	4.466	(1.100)	2229410	89.6052	180
$ 76 Nitrobenzene-d5 (SUR)	82	4.619	4.613	(0.864)	771197	34.7855	70
6 2,4-Dimethylphenol	122	5.031	5.013	(0.941)	104429	7.25956	14
* 80 Naphthalene-d8	136	5.348	5.337	(1.000)	1751421	40.0000	
31 Naphthalene	128	5.372	5.360	(1.004)	23273598	510.252	1000(AM)
34 2-Methylnaphthalene	142	6.048	6.054	(1.131)	826914	32.1255	64
120 1-Methylnaphthalene	142	6.148	6.154	(1.150)	228789	9.08882	18(a)

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8558.d
Report Date: 11-Mar-2010 15:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 77 2-Fluorobiphenyl (SUR)	172	6.425	6.431	(0.907)	1296935	38.2014	76
* 82 Acenaphthene-d10	164	7.084	7.089	(1.000)	941870	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.860	7.866	(1.110)	190905	45.9892	92
* 83 Phenanthrene-d10	188	8.536	8.542	(1.000)	1173282	40.0000	
$ 78 Terphenyl-d14	244	10.107	10.113	(0.900)	791399	36.3470	73
* 81 Chrysene-d12	240	11.224	11.236	(1.000)	726810	40.0000	
* 84 Perylene-d12	264	13.060	13.065	(1.000)	517337	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8558.d
Report Date: 11-Mar-2010 15:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8558.d
Lab Smp Id: 460-10889-F-21-A Client Smp ID: GW-017338-030310-RA
Inj Date : 07-MAR-2010 18:52
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-21-A
Misc Info : 460-10889-F-21-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/8270Cdel_08.m
Meth Date : 09-Mar-2010 12:32 croccom Quant Type: ISTD
Cal Date : 07-MAR-2010 15:08 Cal File: z8549.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

ISTD		RT	AREA	AMOUNT
* 79	1,4-Dichlorobenzene-d4	4.048	4187323	40.000
* 82	Acenaphthene-d10	7.084	4077625	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Toluene					CAS #: 108-88-3		
1.931	53616831	512.182362	1000	95	NIST02.l	2405	79
Ethylbenzene					CAS #: 100-41-4		
2.701	17757067	169.626894	340	95	NIST02.l	4962	79

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8558.d
Report Date: 11-Mar-2010 15:17

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
2.796	40774983	389.508791	780	0		0	79
Xylene isomer-1				CAS #:			
2.996	20124689	192.243936	380	0		0	79
Xylene isomer-2				CAS #:			
3.884	6151701	58.7649941	120	0		0	79
Trimethylbenzene isomer-1				CAS #:			
4.119	11978657	114.427816	230	0		0	79
Trimethylbenzene isomer-2				CAS #:			
4.237	10735979	102.556958	200	91	NIST02.l	8674	79(L)
Indane				CAS #: 496-11-7			
4.337	8197564	78.3083894	160	0		0	79
Methylpropylbenzene isomer				CAS #:			
4.390	16285342	155.568038	310	0		0	79
Ethyldimethylbenzene isomer-1				CAS #:			
4.537	12539437	119.784748	240	0		0	79(L)
Ethyldimethylbenzene isomer-2				CAS #:			
4.560	9205684	87.9386029	180	0		0	79(L)
Ethyldimethylbenzene isomer-3				CAS #:			
4.607	19645963	187.670842	380	0		0	79
Ethyldimethylbenzene isomer-4				CAS #:			
4.637	4231842	40.4252693	81	0		0	79(L)
Unknown-1				CAS #:			
4.701	4176842	39.8998707	80	0		0	79
Ethyldimethylbenzene isomer-6				CAS #:			
4.748	5760199	55.0251130	110	0		0	79(L)
Tetramethylbenzene isomer-1				CAS #:			
4.843	14801182	141.390385	280	0		0	79
Tetramethylbenzene isomer-2				CAS #:			
4.878	18678185	178.426000	360	0		0	79

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8558.d
Report Date: 11-Mar-2010 15:17

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
C10H12 Aromatic					CAS #:		
5.019	9360967	89.4219581	180	0		0	79(L)
Tetramethylbenzene isomer-3					CAS #:		
5.095	18748620	179.098847	360	0		0	79(L)
Unknown-2					CAS #:		
6.395	7166084	70.2966399	140	0		0	82
Trimethylbenzoic acid isomer					CAS #:		
6.984	2632651	25.8253325	52	0		0	82(L)

QC Flag Legend

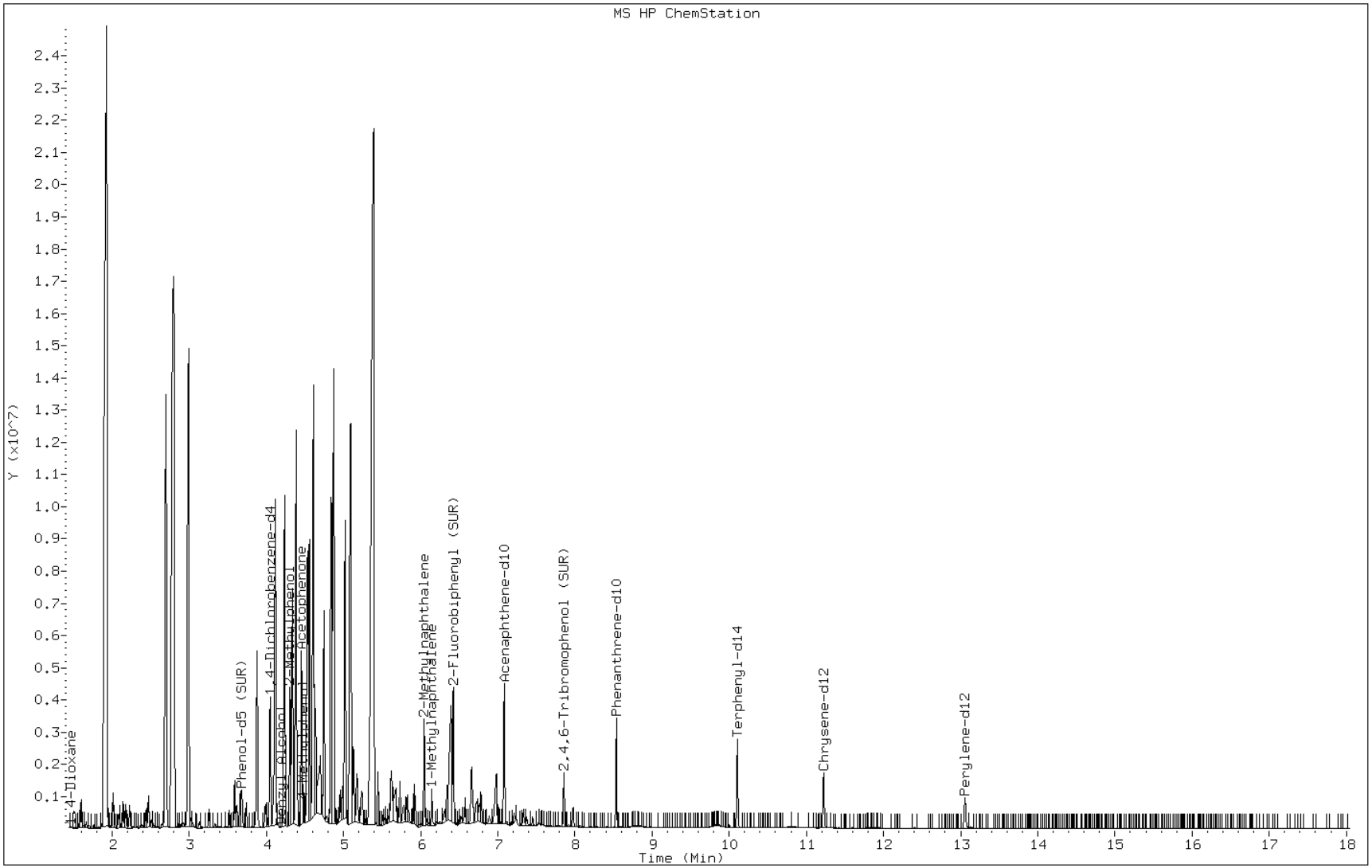
L - Operator selected an alternate library search match.

Data File: z8558.d

Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4



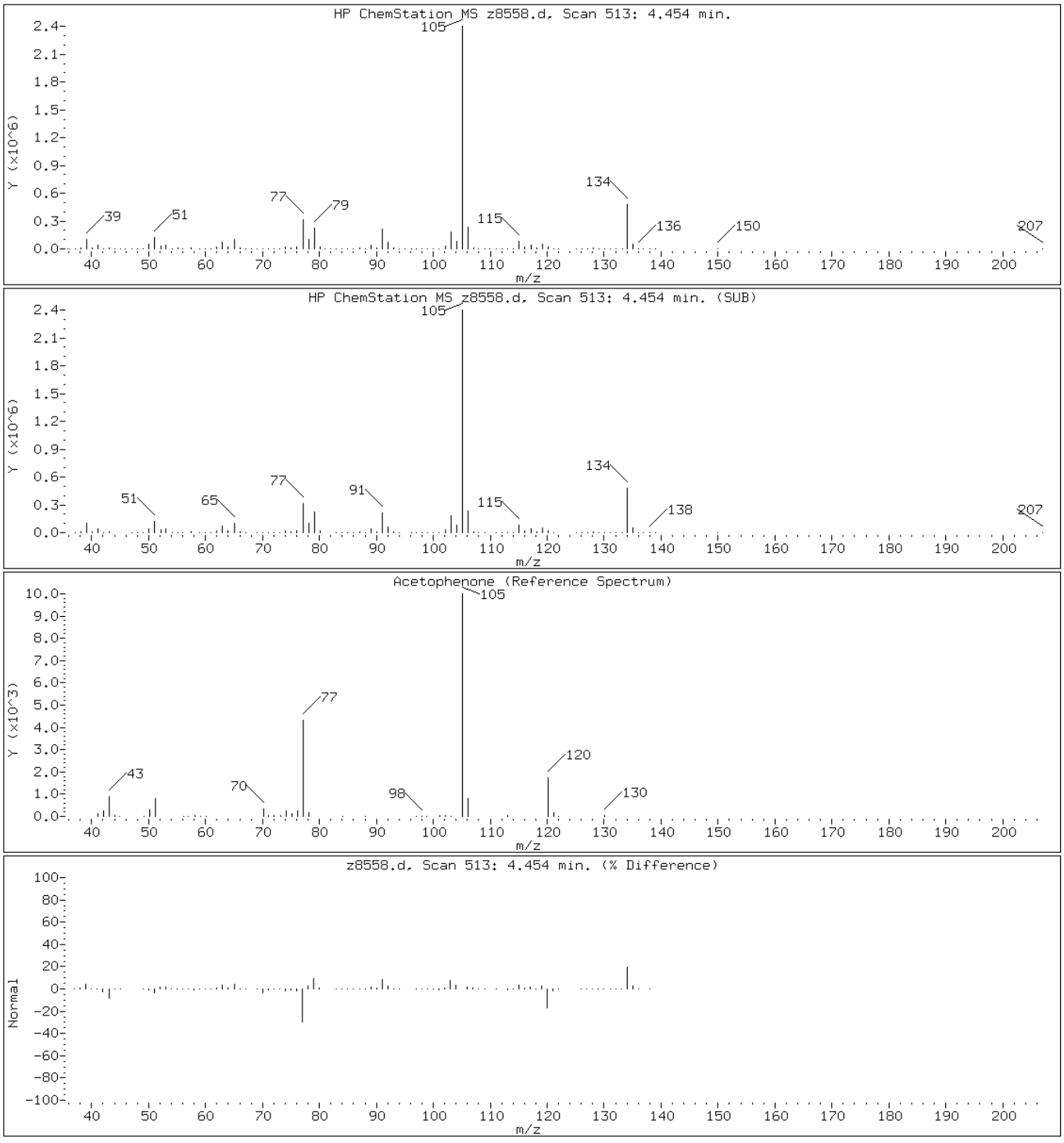
Data File: z8558.d

Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

104 Acetophenone



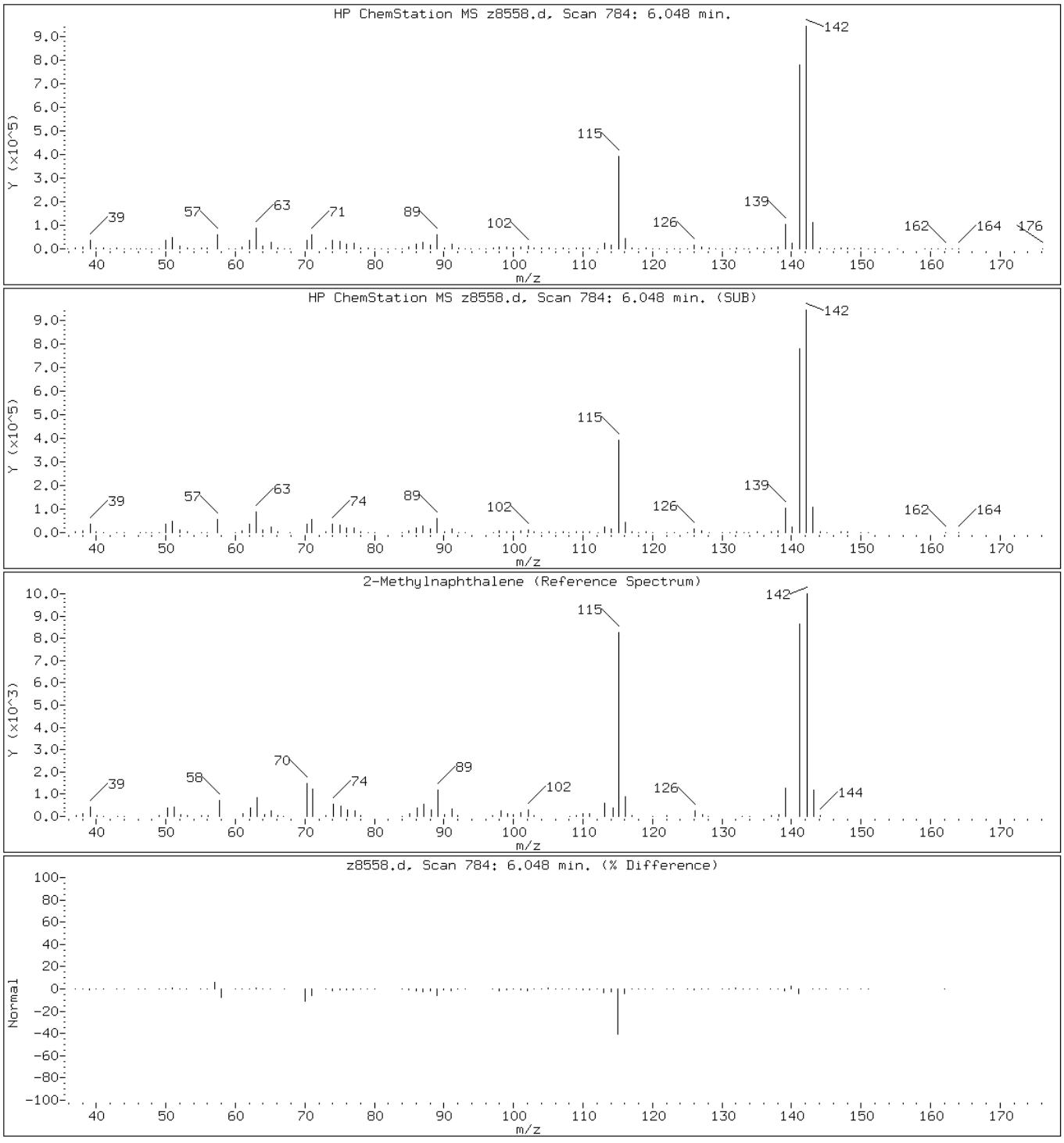
Data File: z8558.d

Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

34 2-Methylnaphthalene



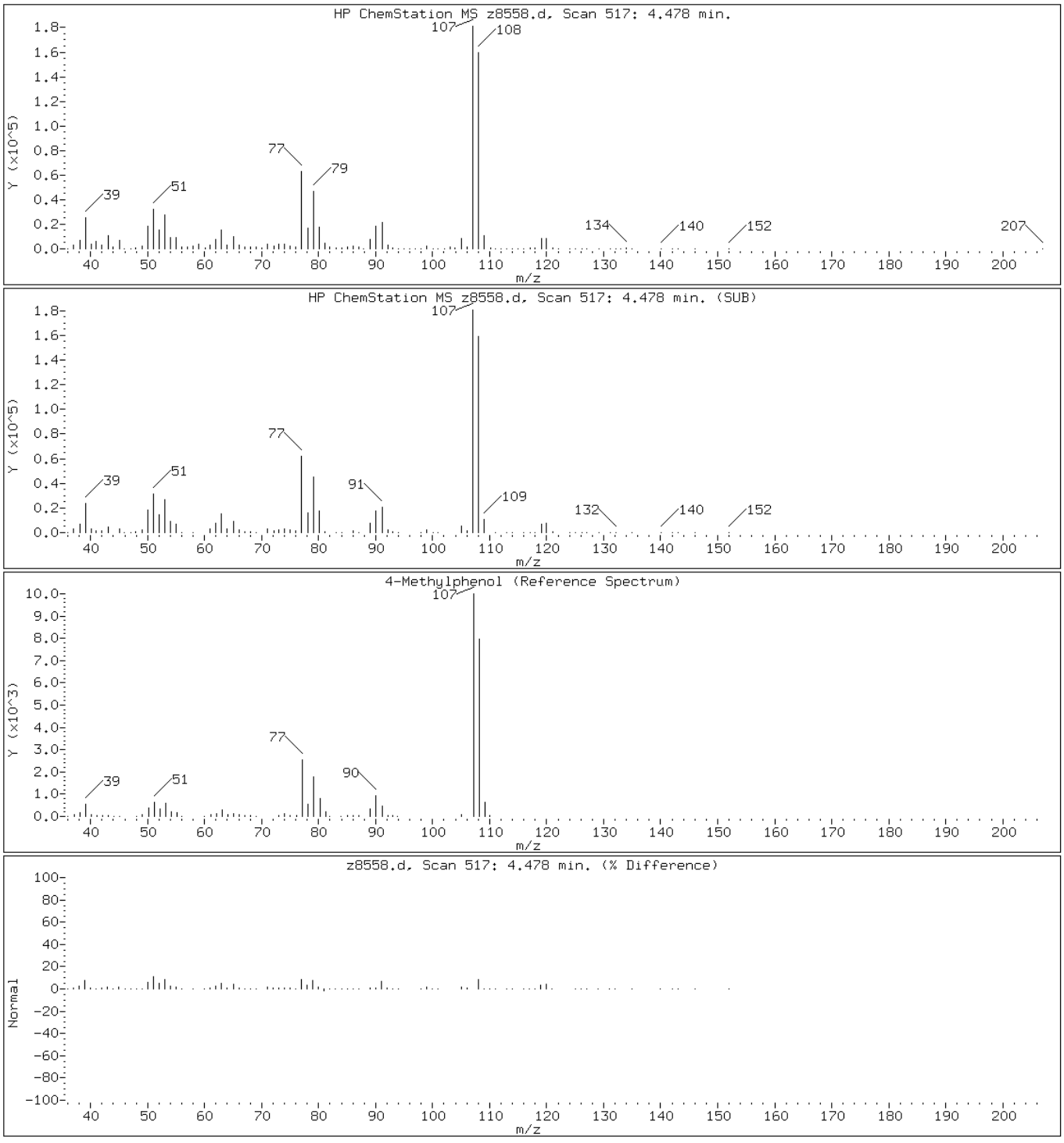
Data File: z8558.d

Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

4 4-Methylphenol



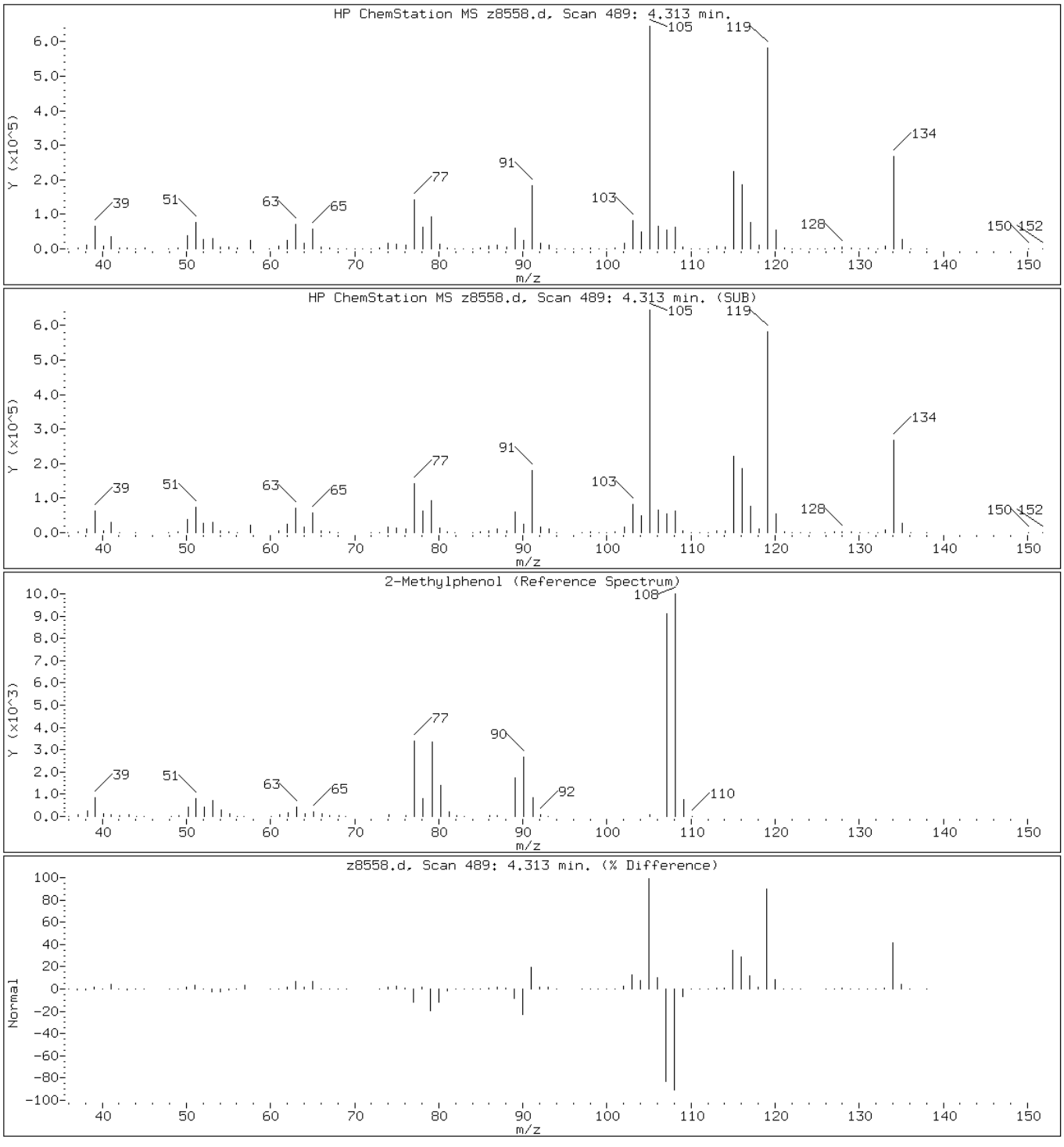
Data File: z8558.d

Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

3 2-Methylphenol



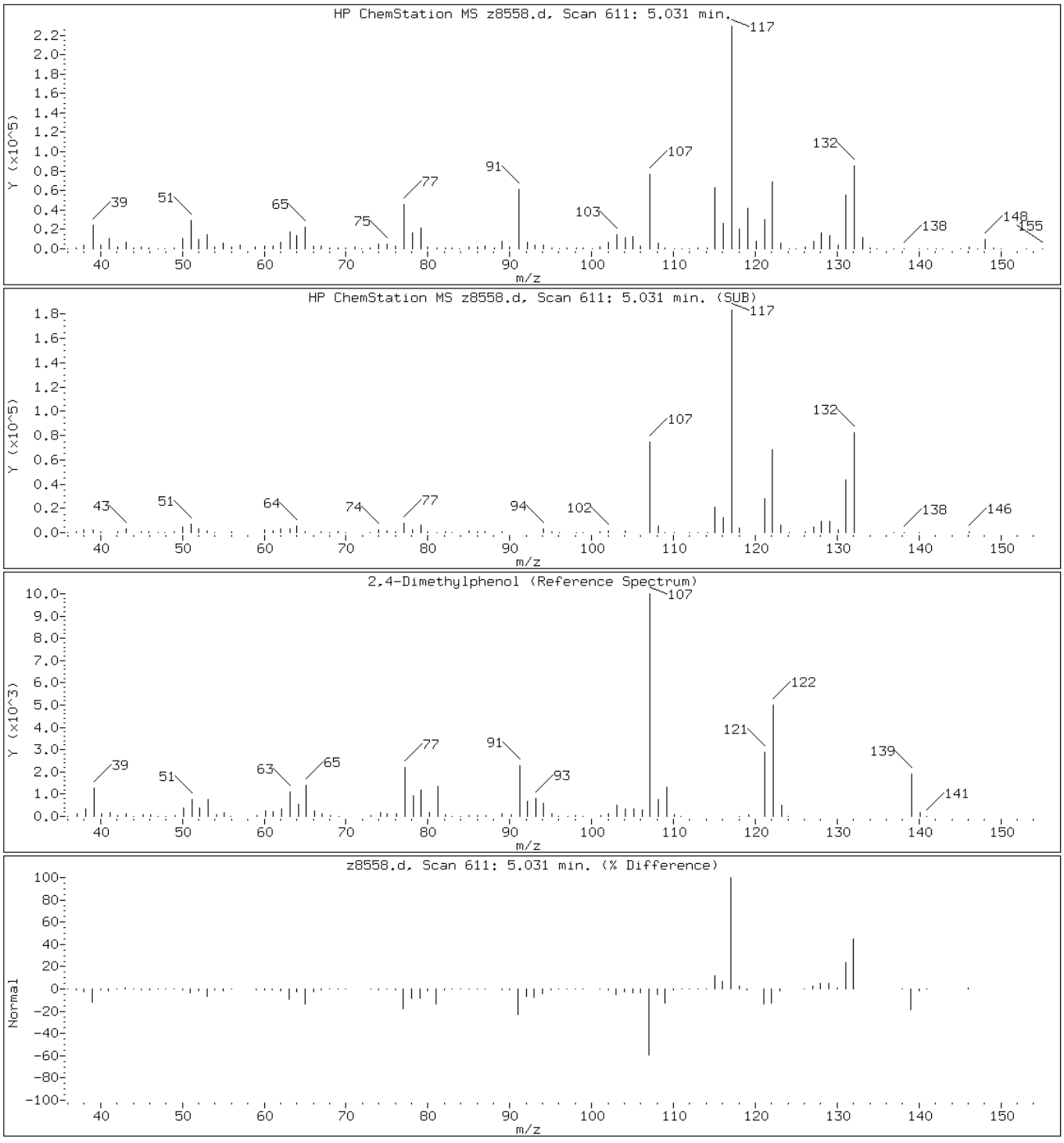
Data File: z8558.d

Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

6 2,4-Dimethylphenol



Data File: z8558.d

Date: 07-MAR-2010 18:52

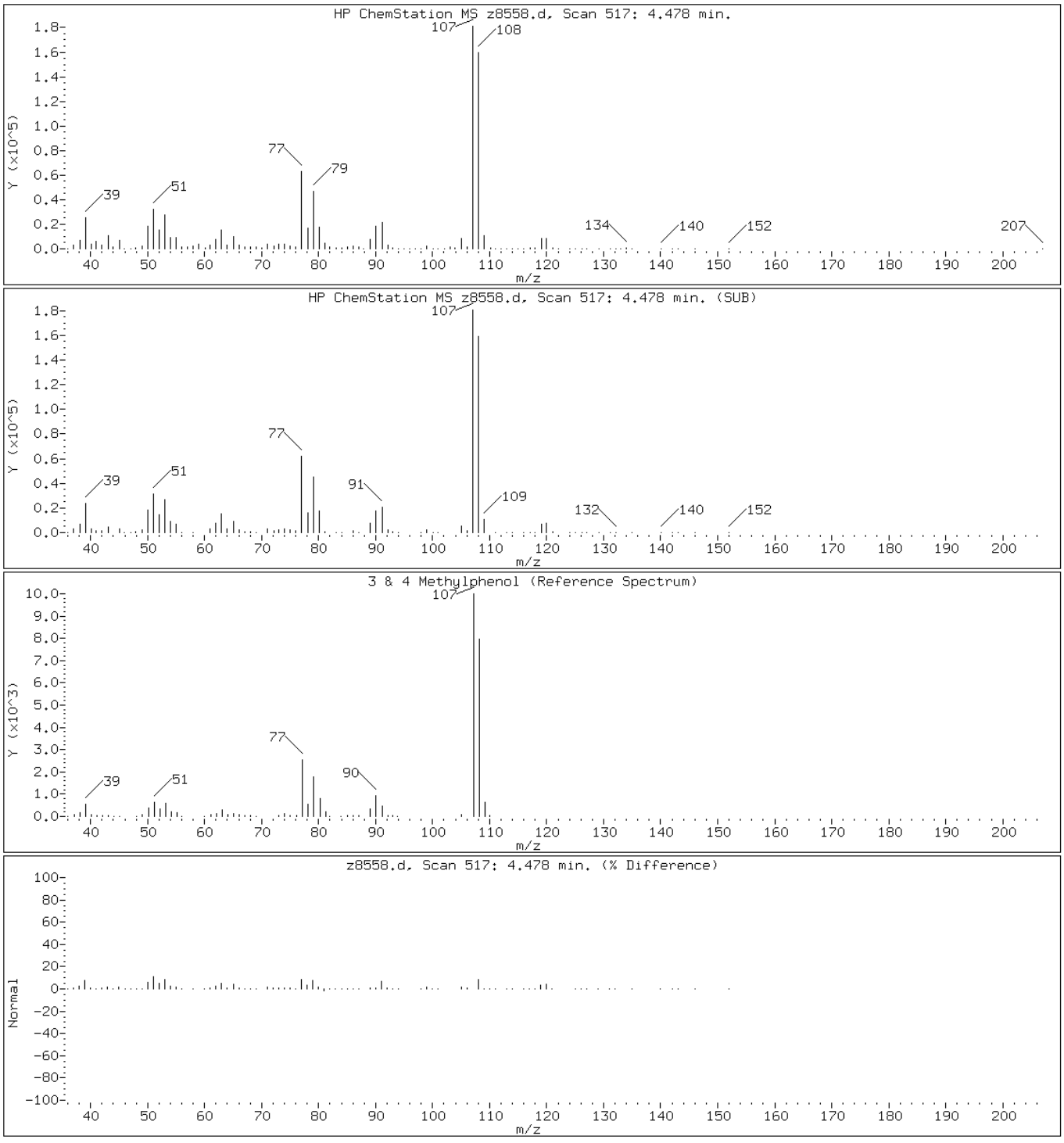
Client ID: GW-017338-030310-RA

Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A

Operator: BNAMS 4

121 3 & 4 Methylphenol



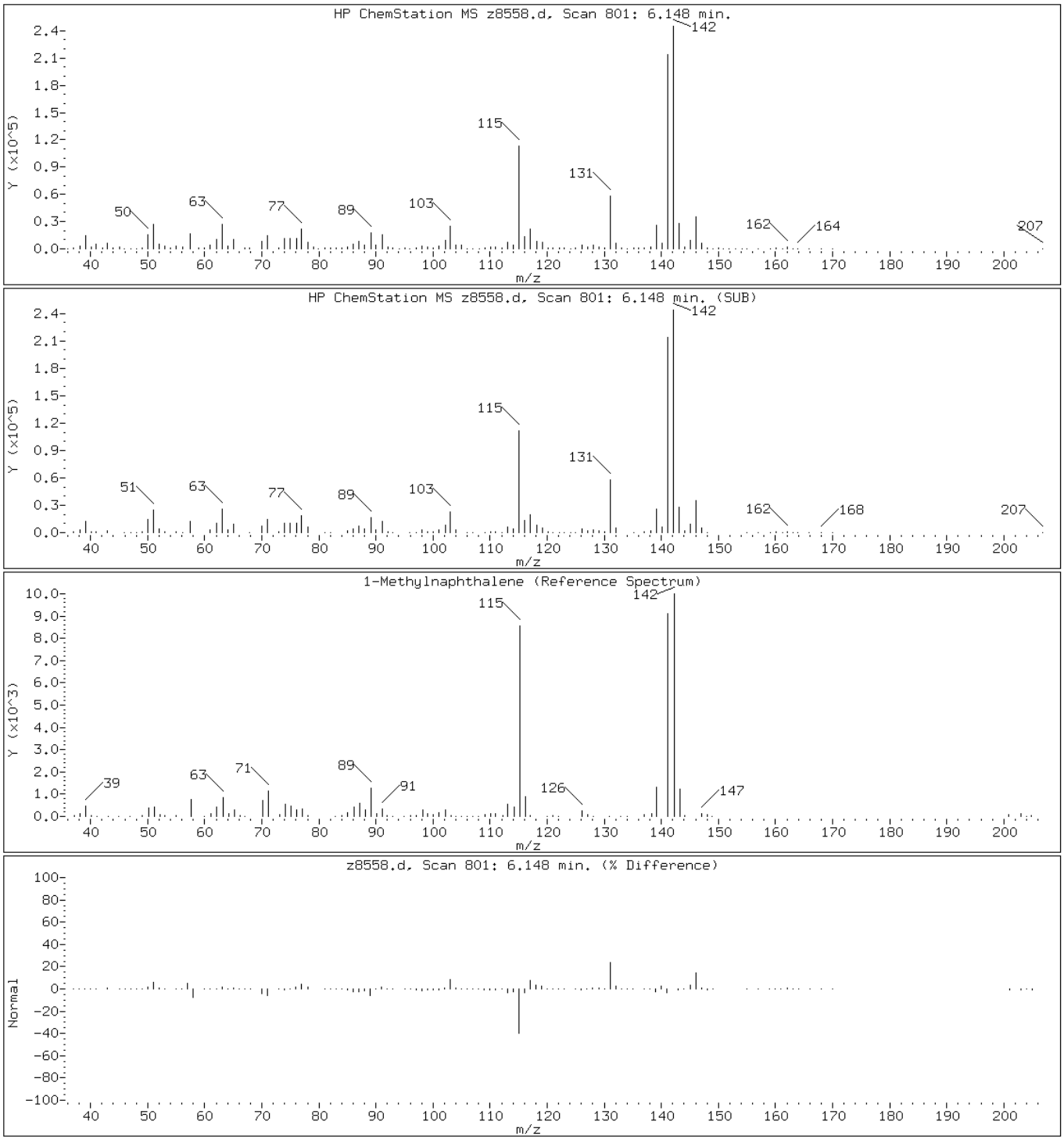
Data File: z8558.d

Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

120 1-Methylnaphthalene



Data File: z8558.d

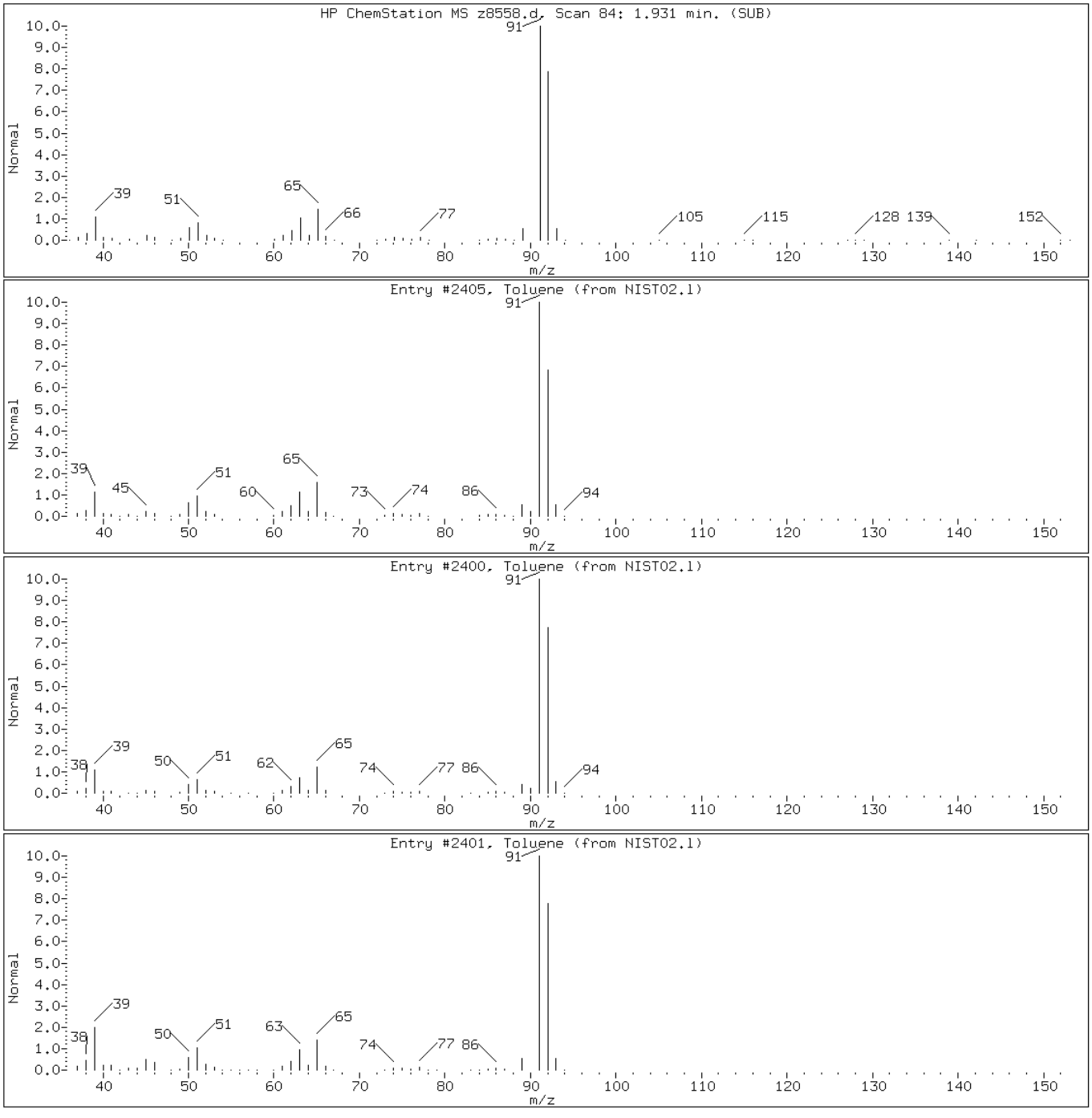
Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

Retention Time: 1.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Toluene	108-88-3	NIST02.l	2405	95	C7H8	92
Toluene	108-88-3	NIST02.l	2400	94	C7H8	92
Toluene	108-88-3	NIST02.l	2401	91	C7H8	92



Data File: z8558.d

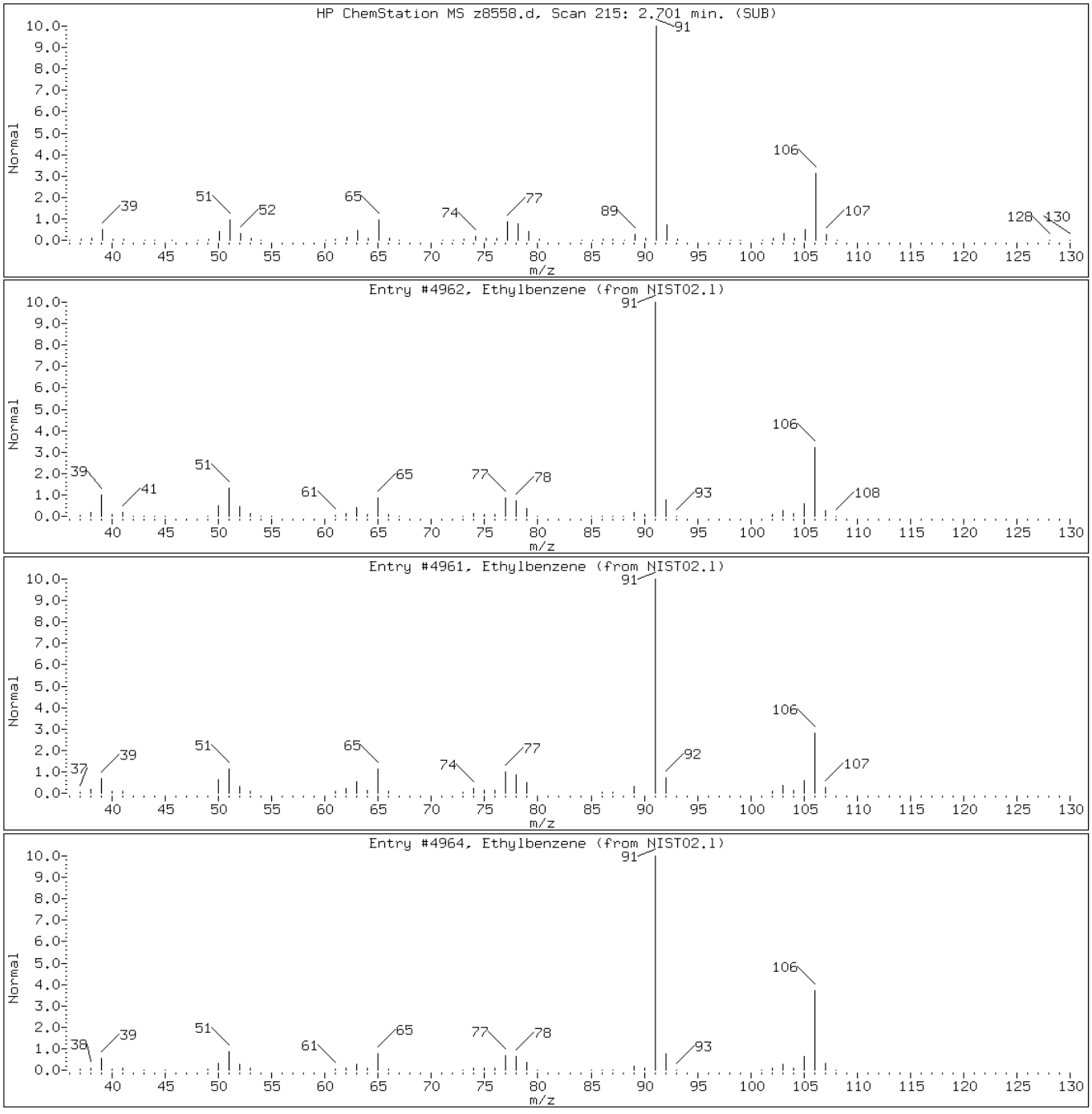
Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

Retention Time: 2.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylbenzene	100-41-4	NIST02.l	4962	95	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4961	94	C8H10	106
Ethylbenzene	100-41-4	NIST02.l	4964	93	C8H10	106



Data File: z8558.d

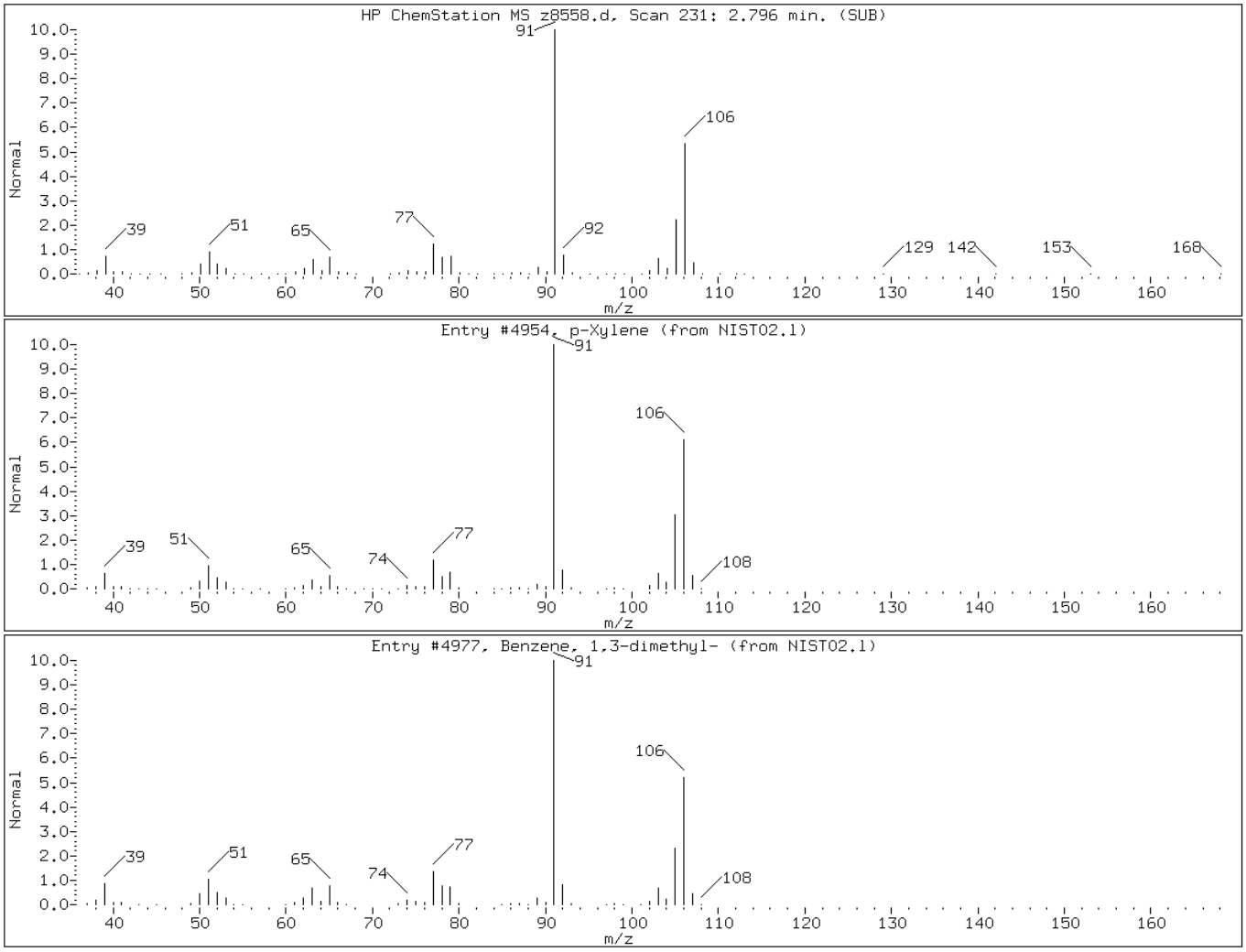
Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

Retention Time: 2.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Xylene isomer-1						
p-Xylene	106-42-3	NIST02.l	4954	97	C8H10	106
Benzene, 1,3-dimethyl-	108-38-3	NIST02.l	4977	97	C8H10	106



Data File: z8558.d

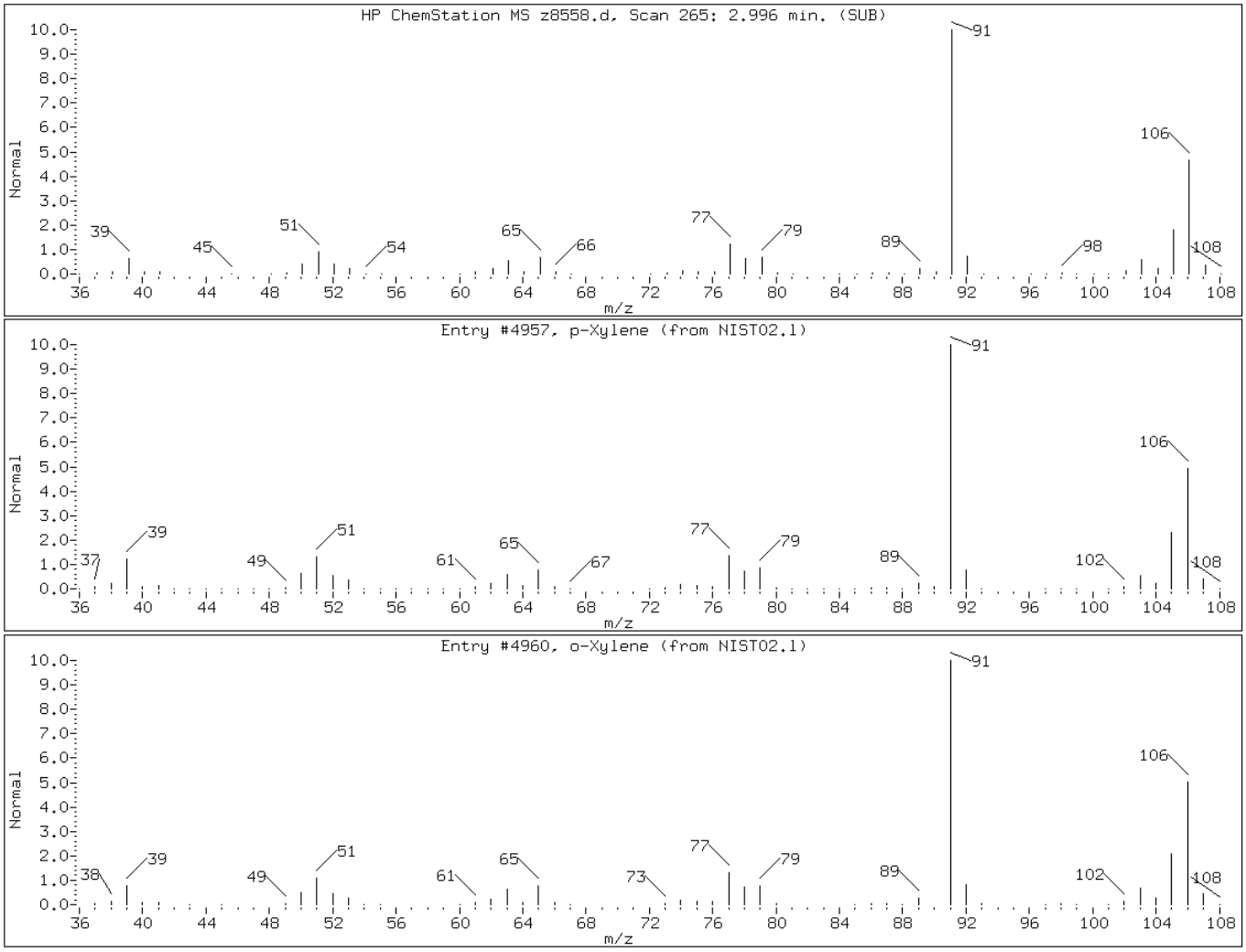
Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

Retention Time: 3.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Xylene isomer-2						
p-Xylene	106-42-3	NIST02.l	4957	97	C8H10	106
o-Xylene	95-47-6	NIST02.l	4960	97	C8H10	106



Data File: z8558.d

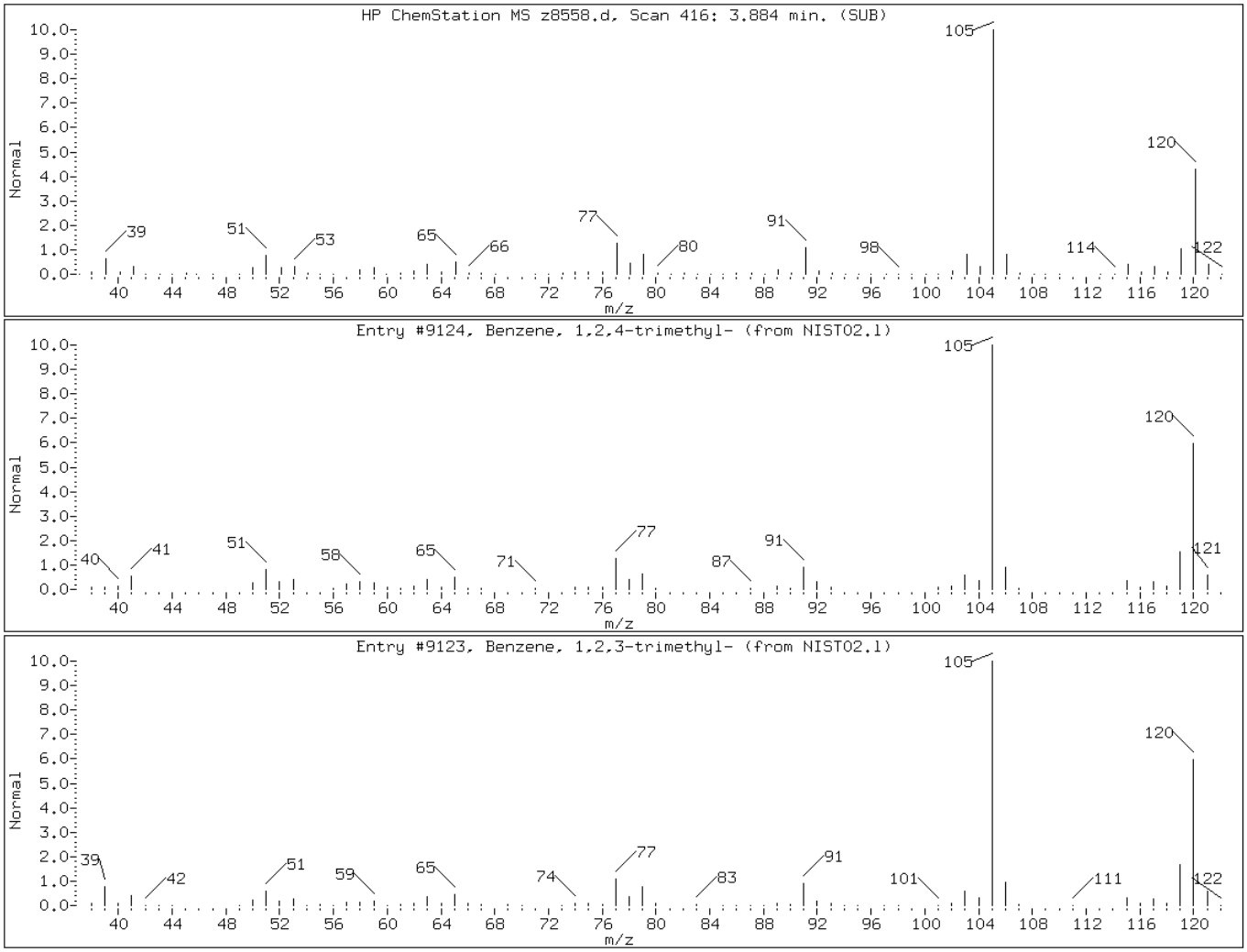
Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

Retention Time: 3.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer-1						
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.l	9124	95	C9H12	120
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9123	95	C9H12	120



Data File: z8558.d

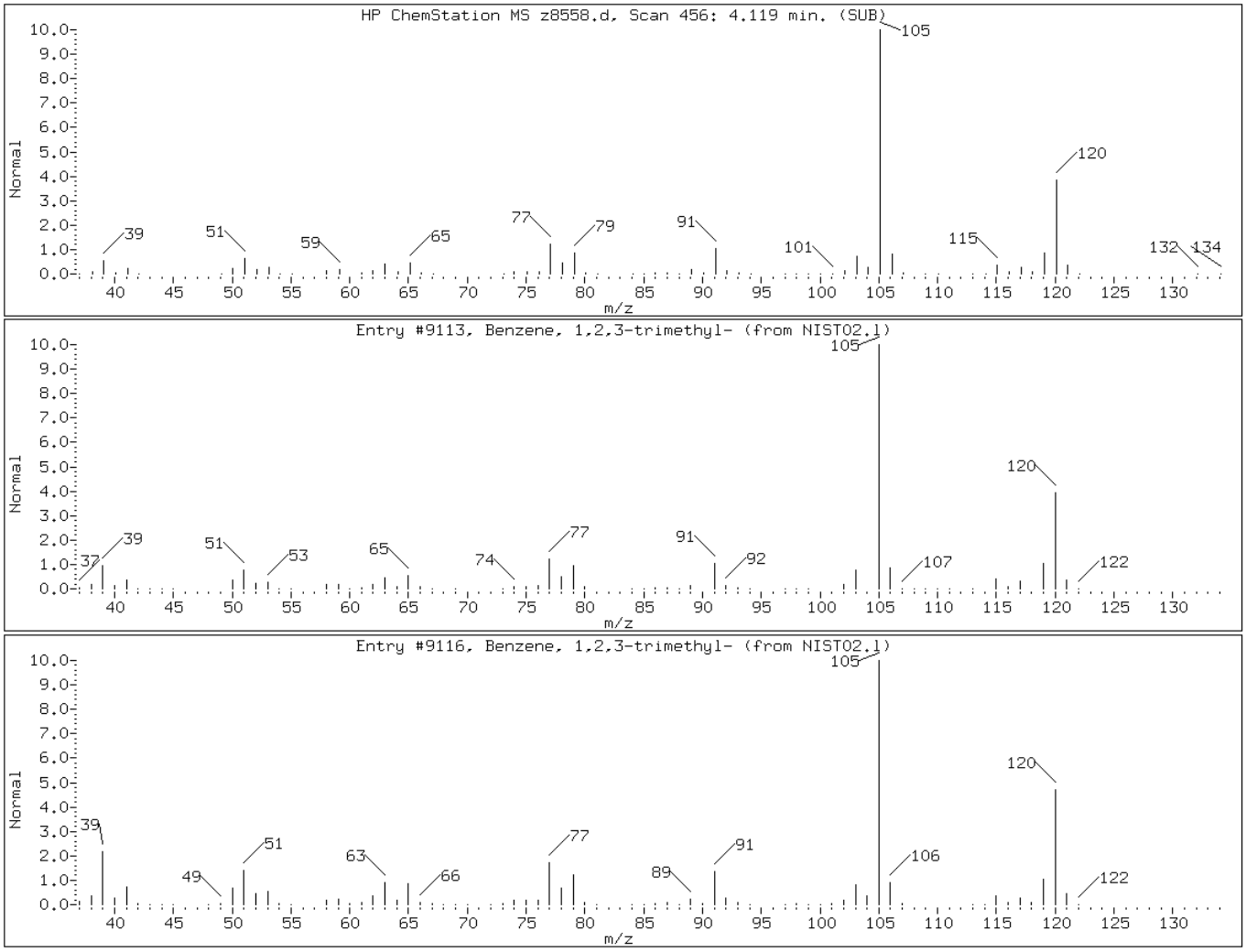
Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

Retention Time: 4.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer-2						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9113	95	C9H12	120
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9116	94	C9H12	120



Data File: z8558.d

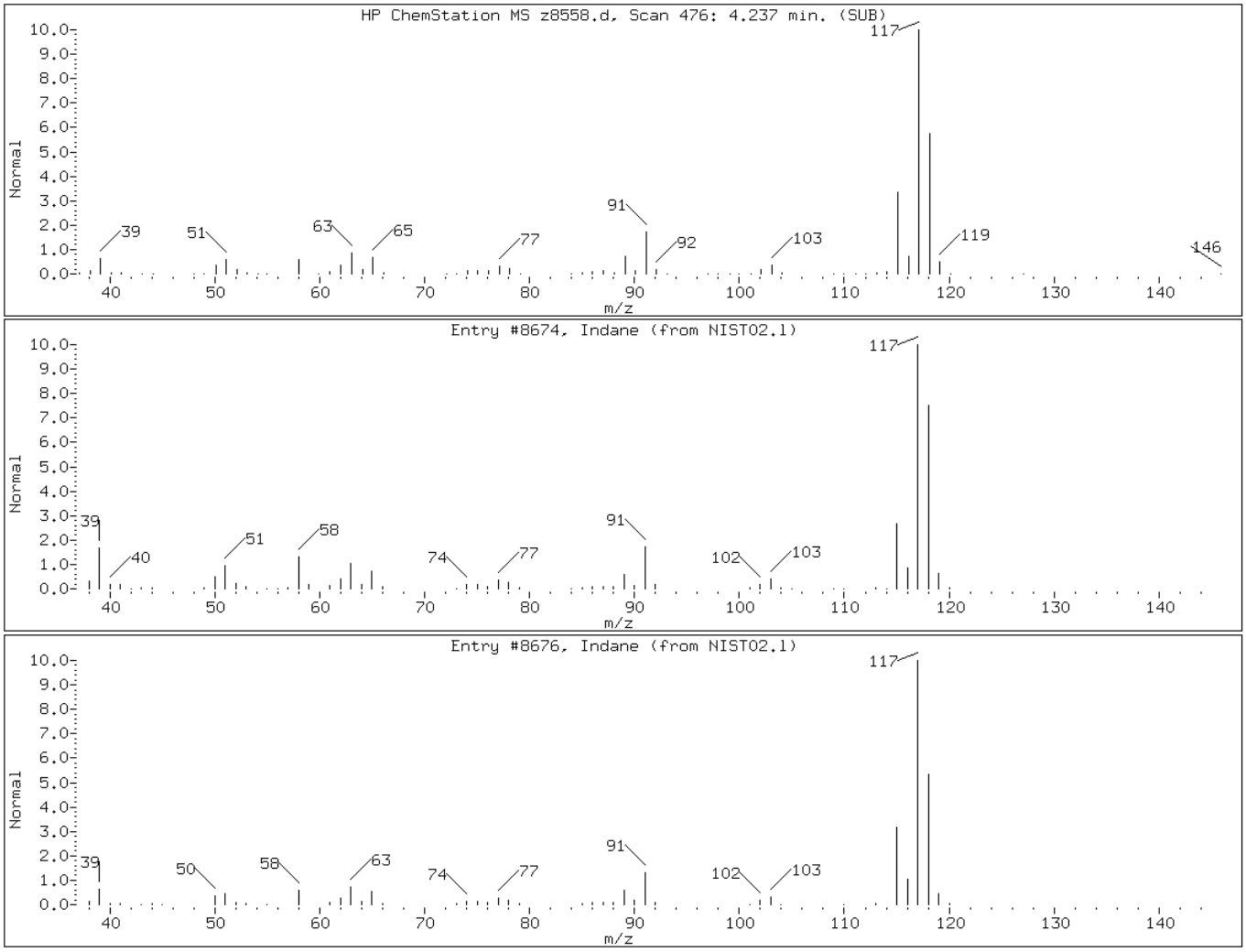
Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

Retention Time: 4.24

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8674	91	C9H10	118
C9H10 Aromatic						
Indane	496-11-7	NIST02.l	8676	91	C9H10	118



Data File: z8558.d

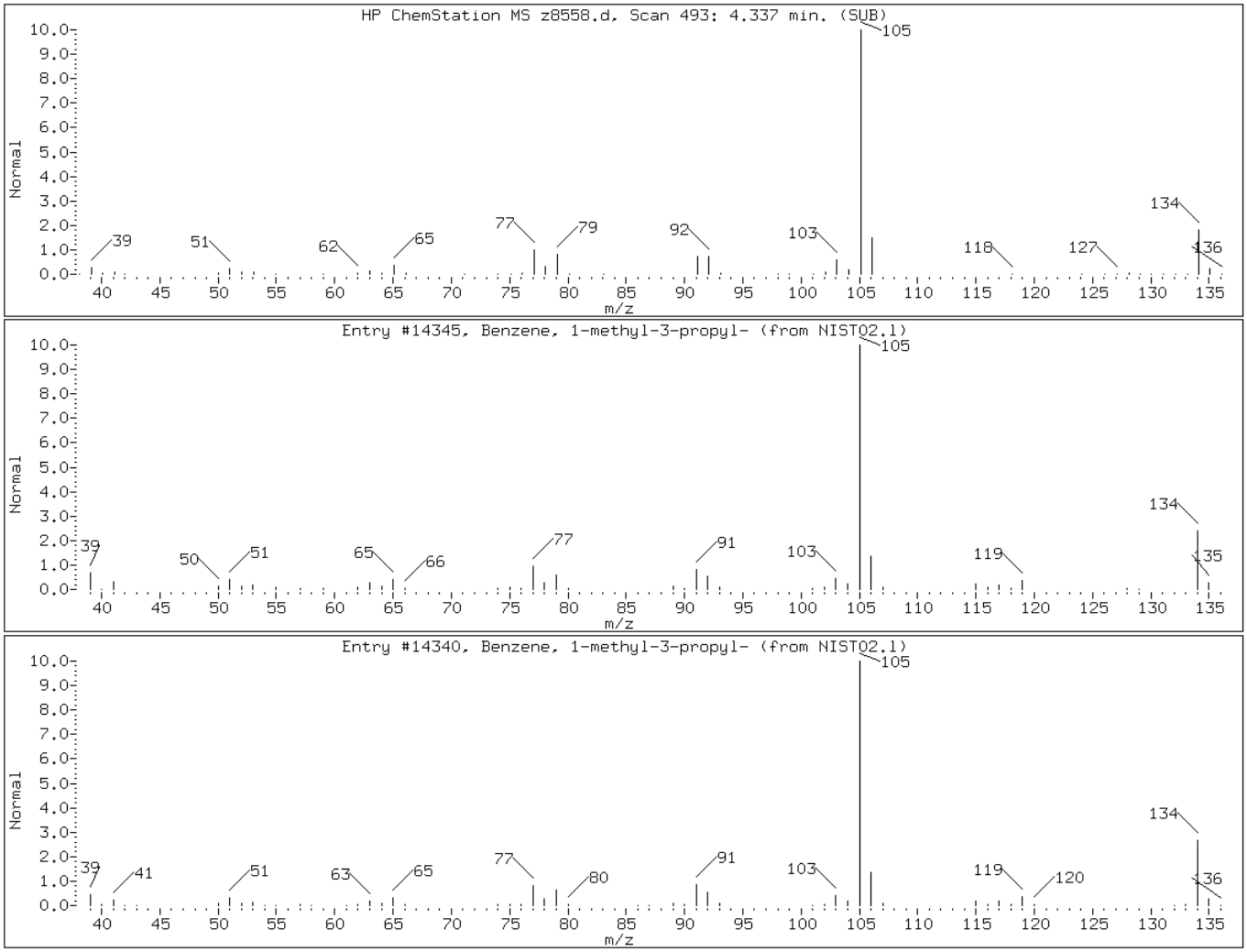
Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

Retention Time: 4.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methylpropylbenzene isomer						
Benzene, 1-methyl-3-propyl-	1074-43-7	NIST02.l	14345	91	C10H14	134
Benzene, 1-methyl-3-propyl-	1074-43-7	NIST02.l	14340	91	C10H14	134



Data File: z8558.d

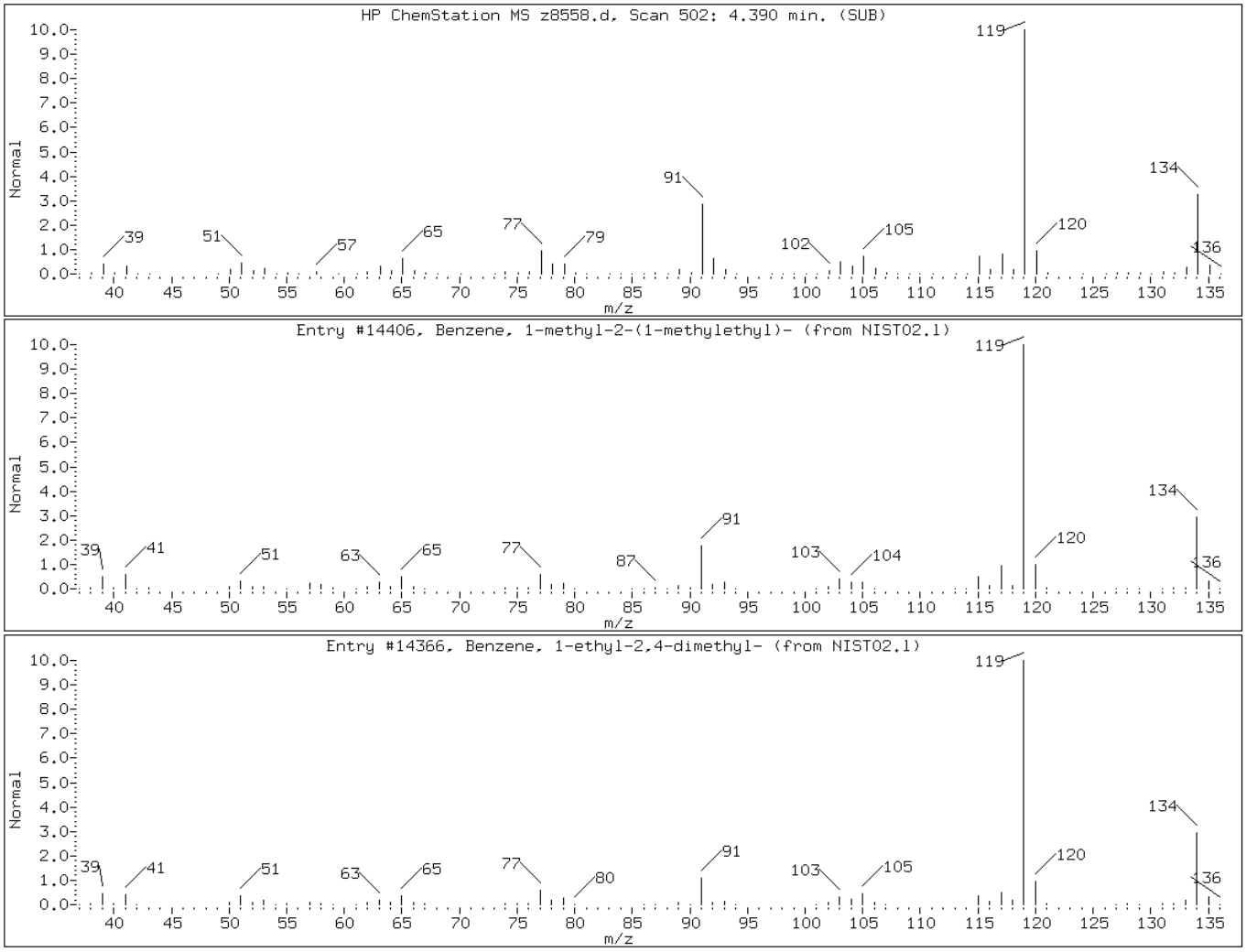
Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

Retention Time: 4.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-1						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14406	94	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14366	94	C10H14	134



Data File: z8558.d

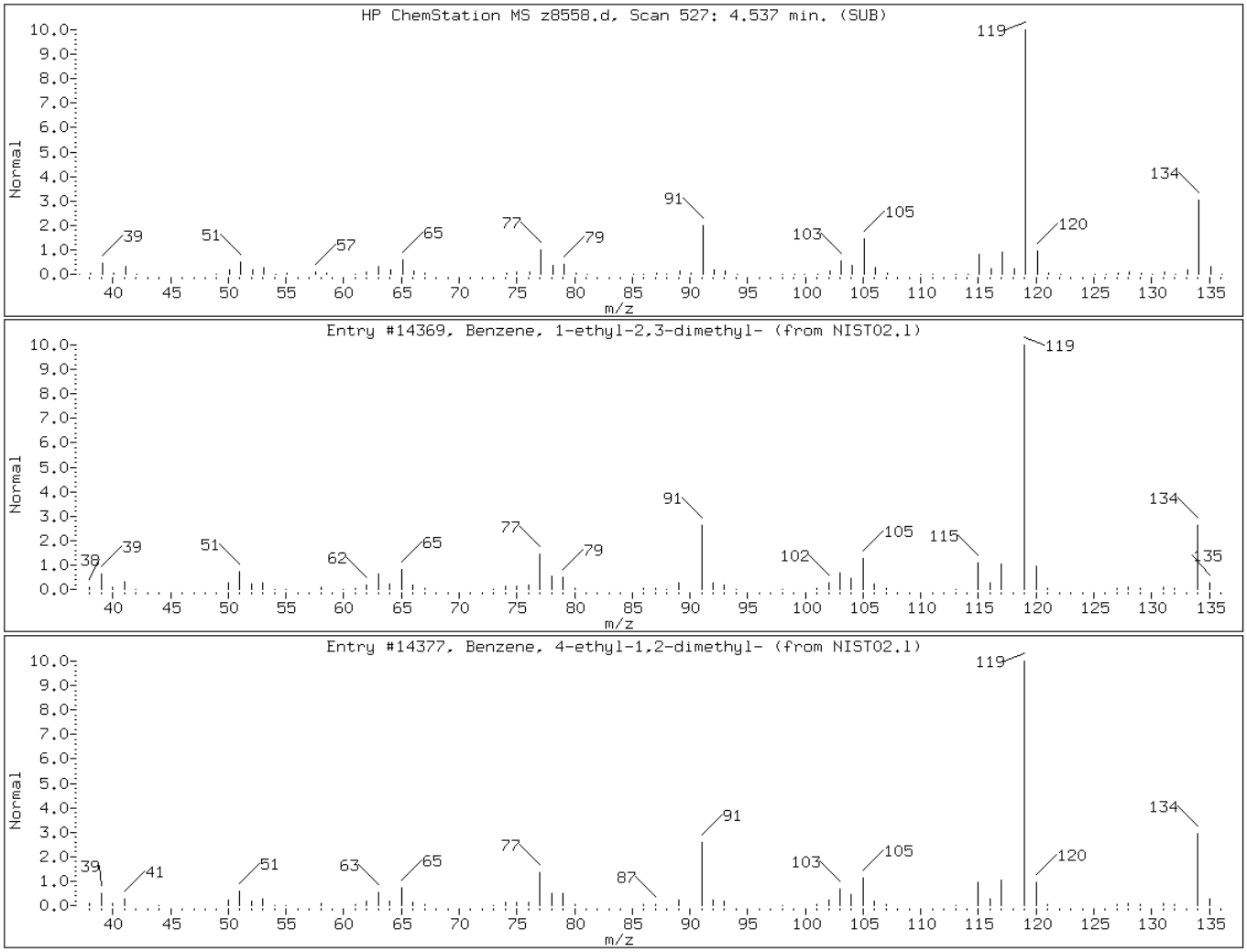
Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

Retention Time: 4.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-2						
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14369	96	C10H14	134
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	96	C10H14	134



Data File: z8558.d

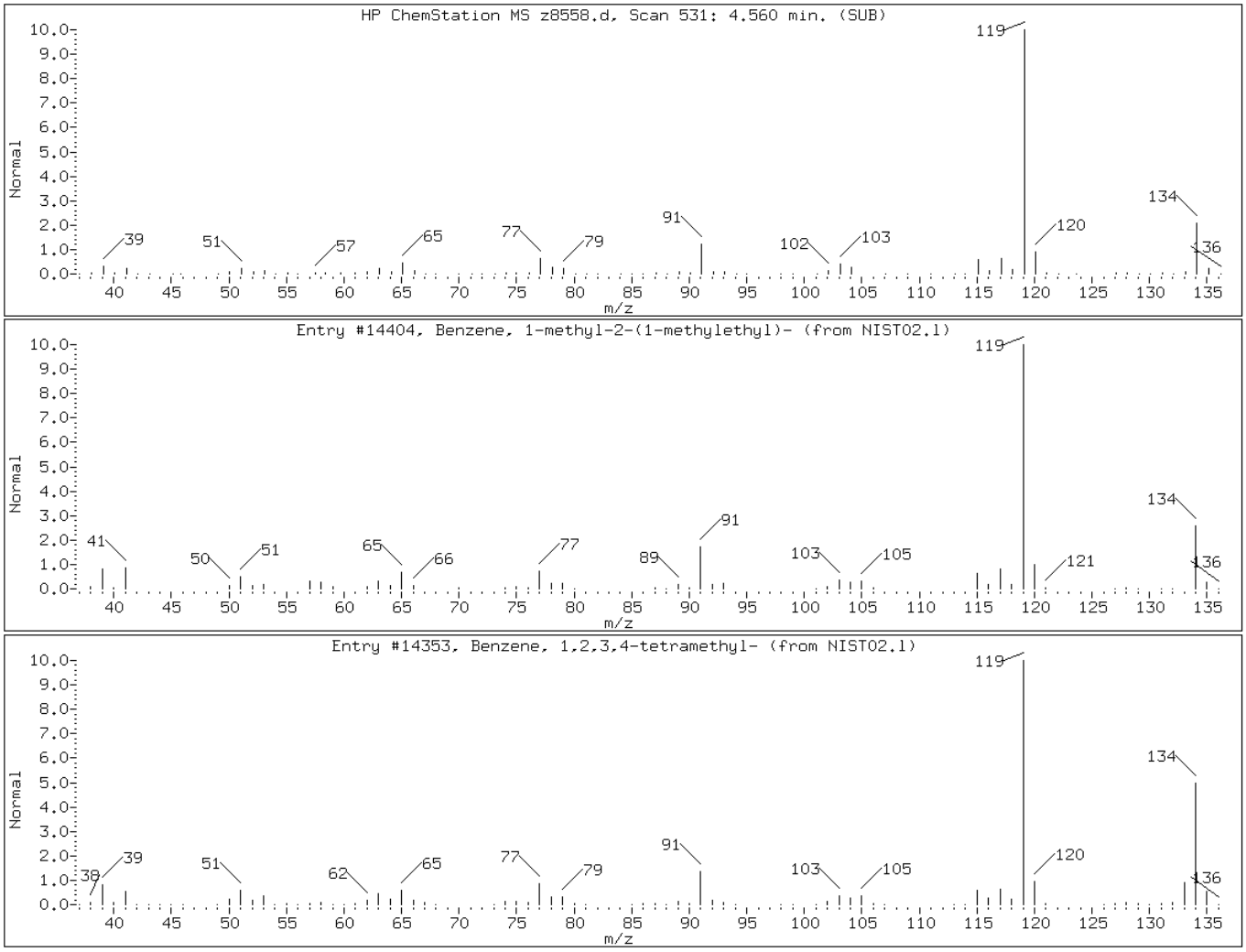
Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

Retention Time: 4.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-3						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	92	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14353	91	C10H14	134



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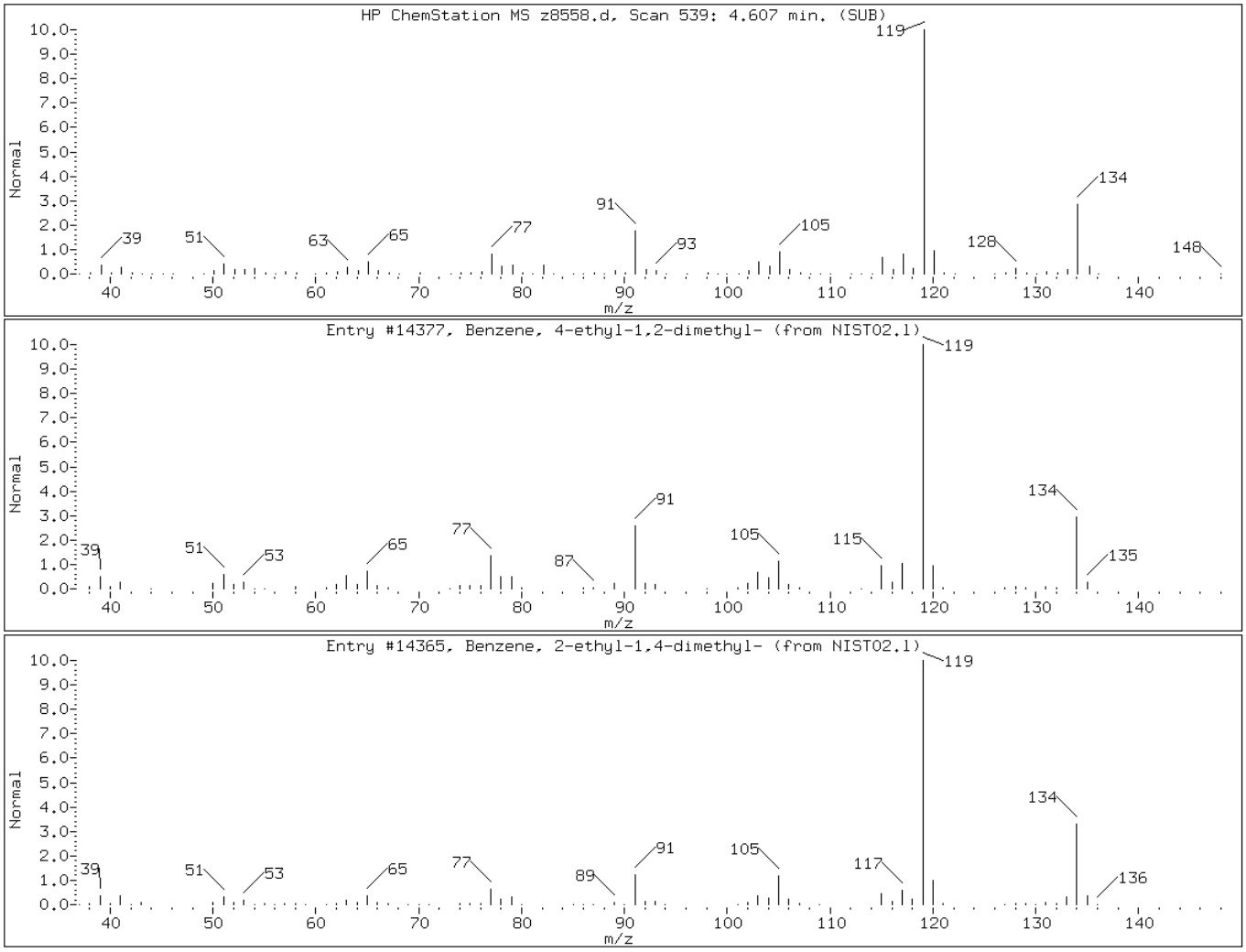
Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

Retention Time: 4.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-4						
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	96	C10H14	134
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14365	95	C10H14	134



Data File: z8558.d

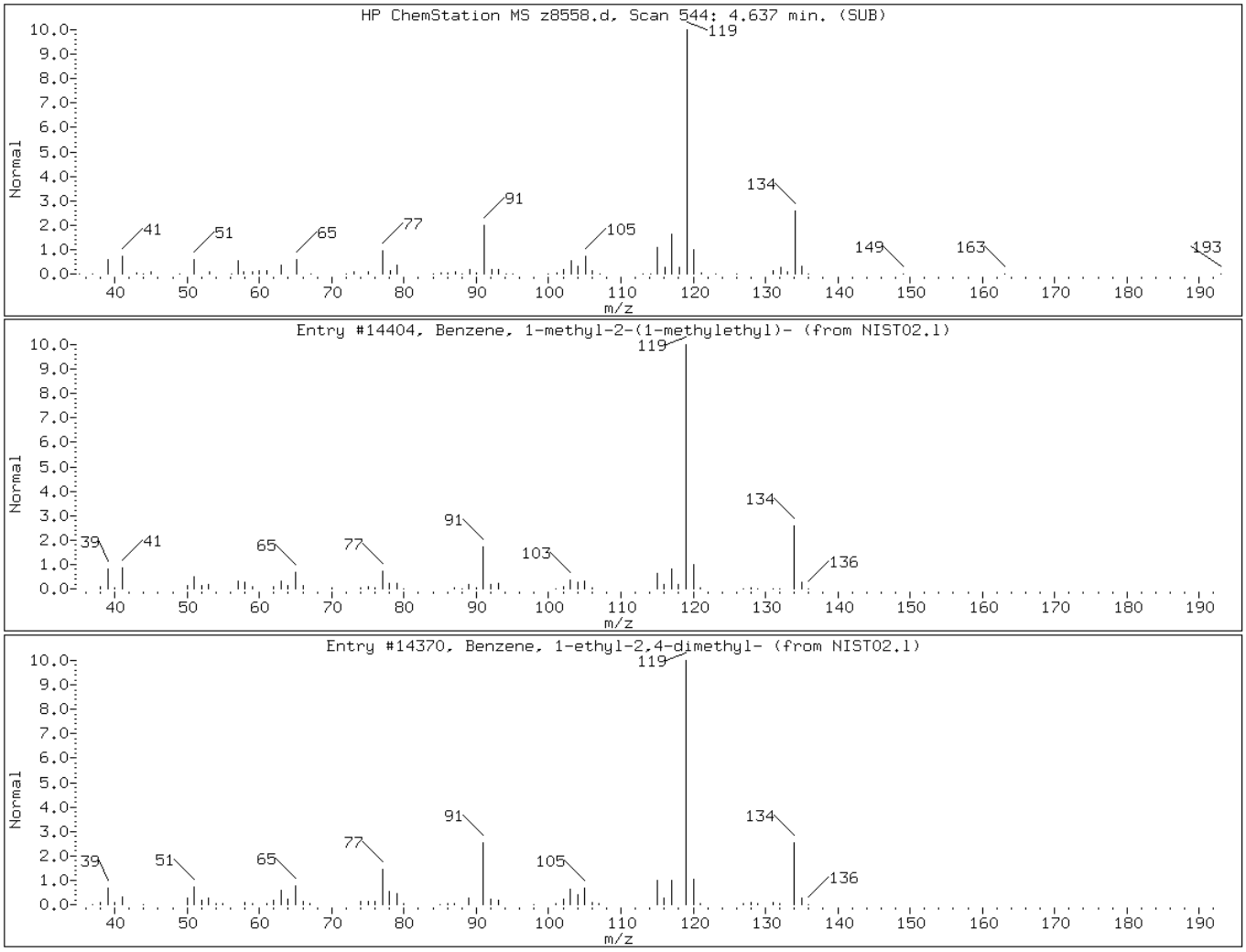
Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

Retention Time: 4.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-5						
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	94	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14370	94	C10H14	134



Data File: z8558.d

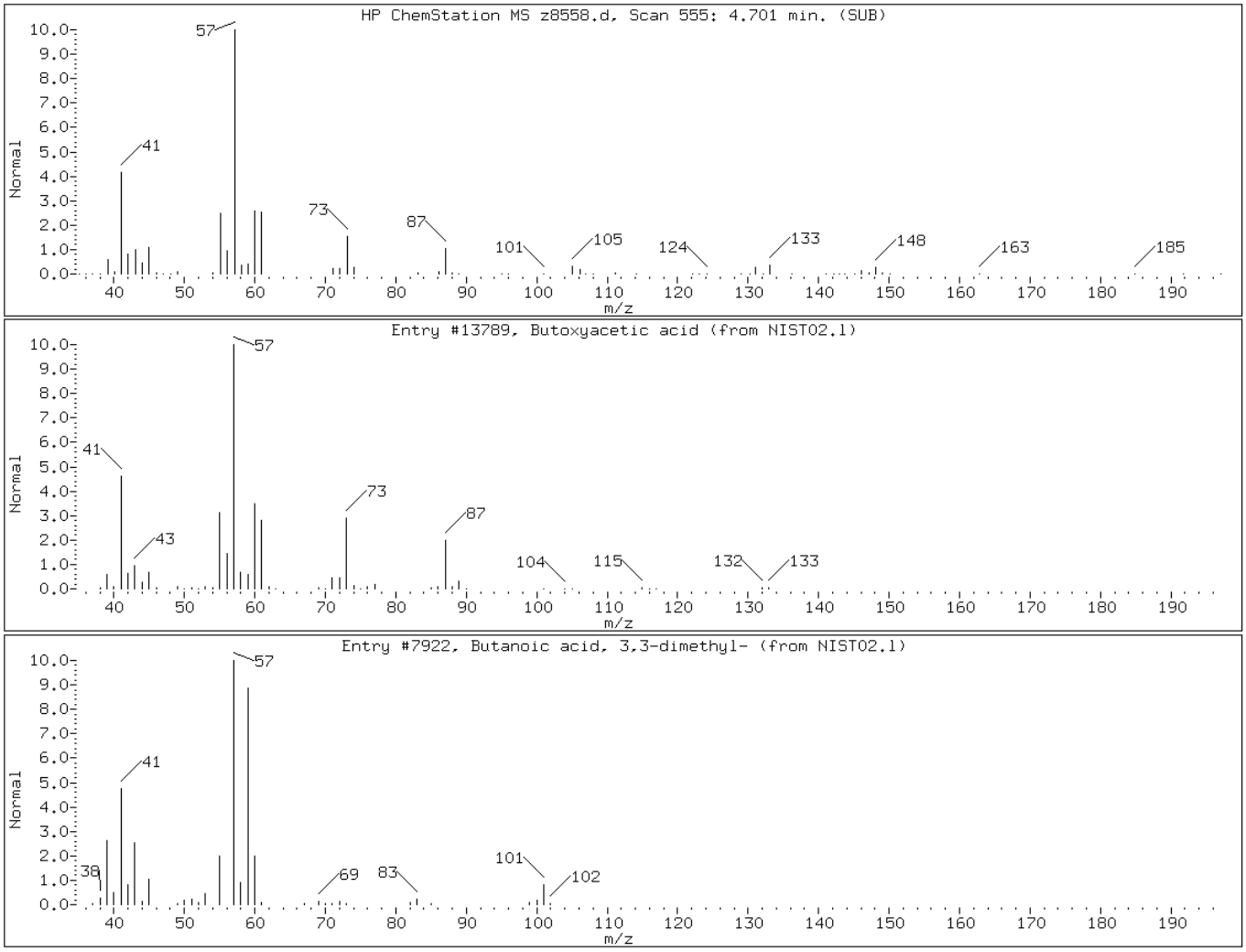
Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

Retention Time: 4.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Butoxyacetic acid	2516-93-0	NIST02.l	13789	46	C6H12O3	132
Butanoic acid, 3,3-dimethyl-	1070-83-3	NIST02.l	7922	35	C6H12O2	116



Data File: z8558.d

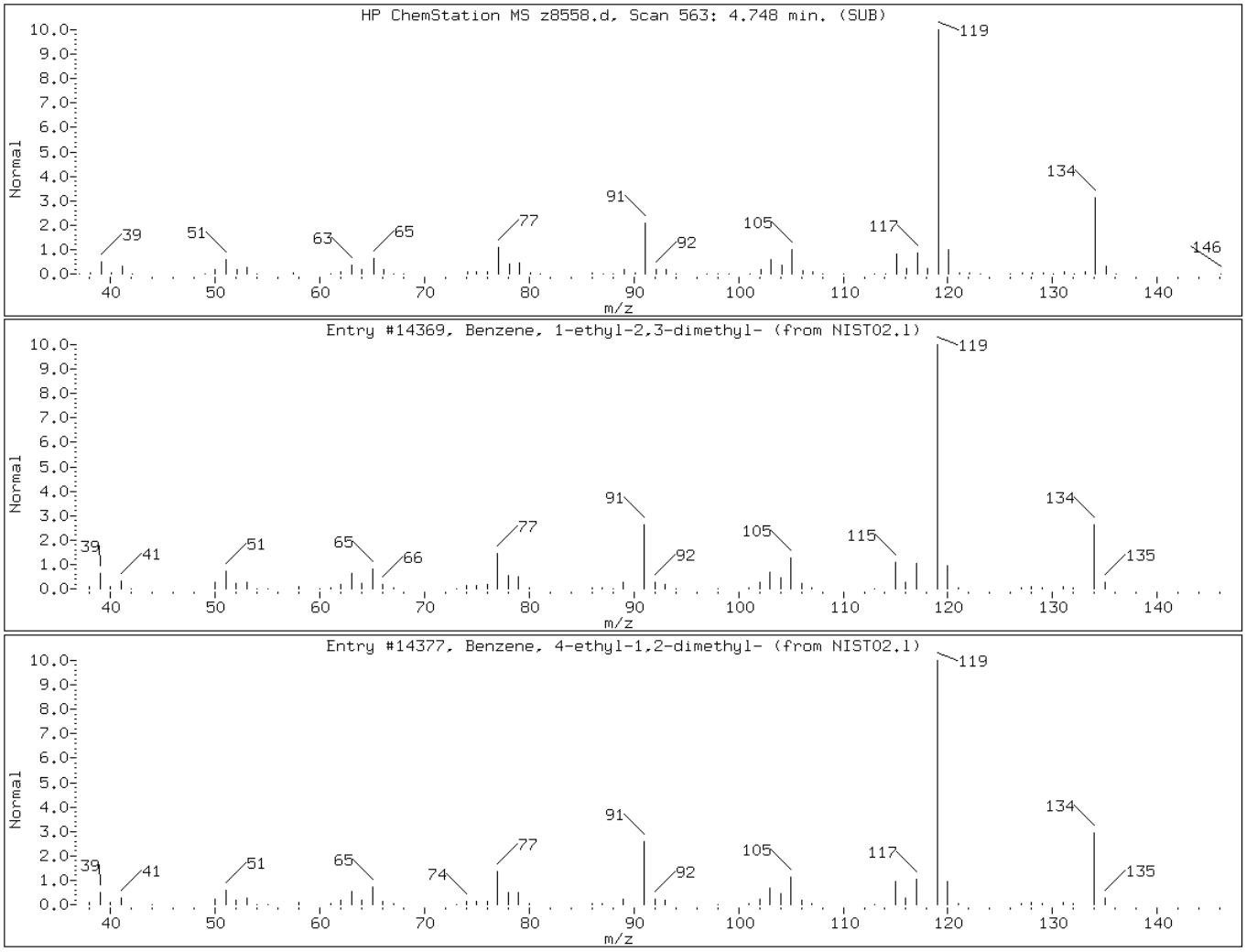
Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

Retention Time: 4.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-6						
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14369	96	C10H14	134
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	96	C10H14	134



Data File: z8558.d

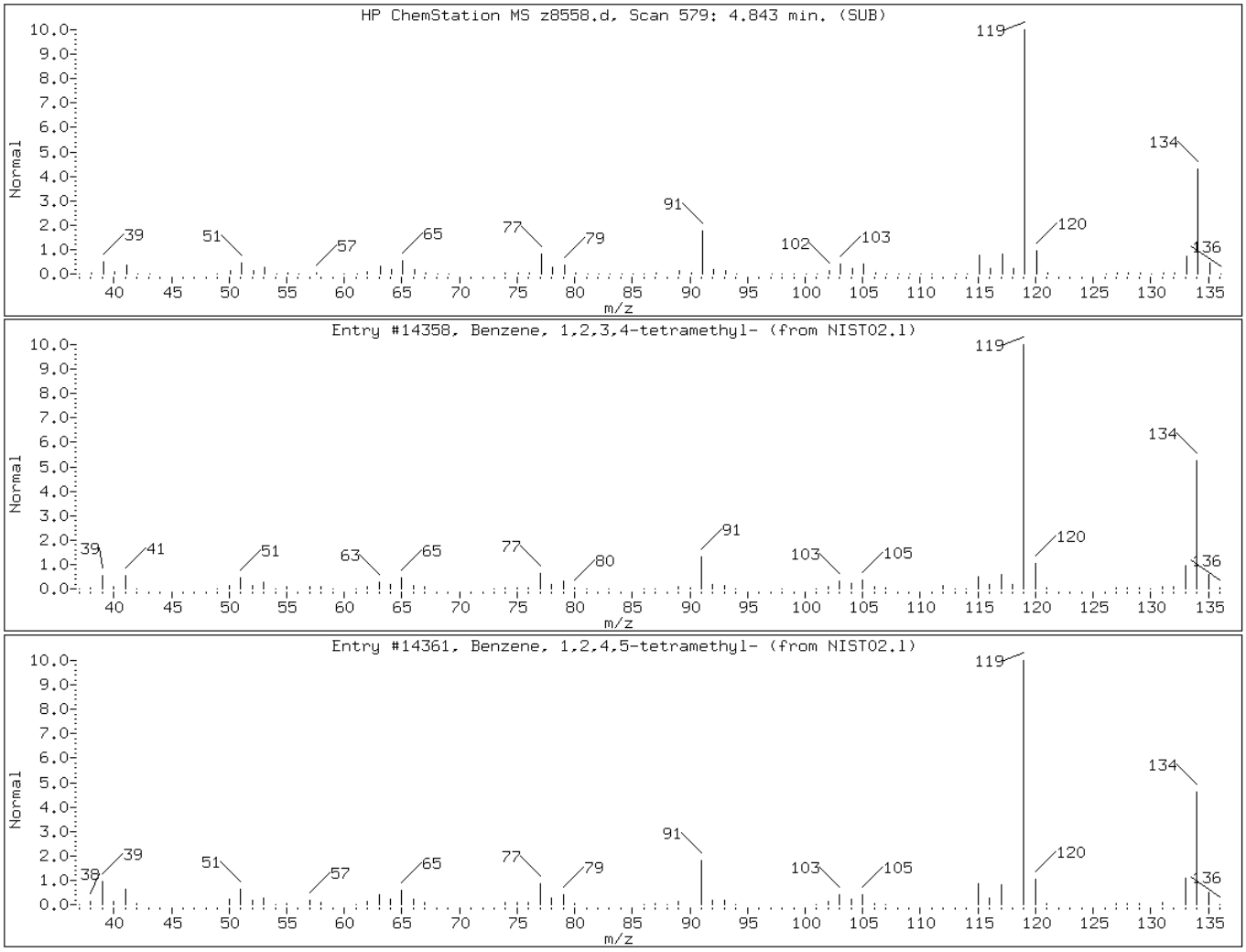
Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

Retention Time: 4.84

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer-1						
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14358	96	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	96	C10H14	134



Data File: z8558.d

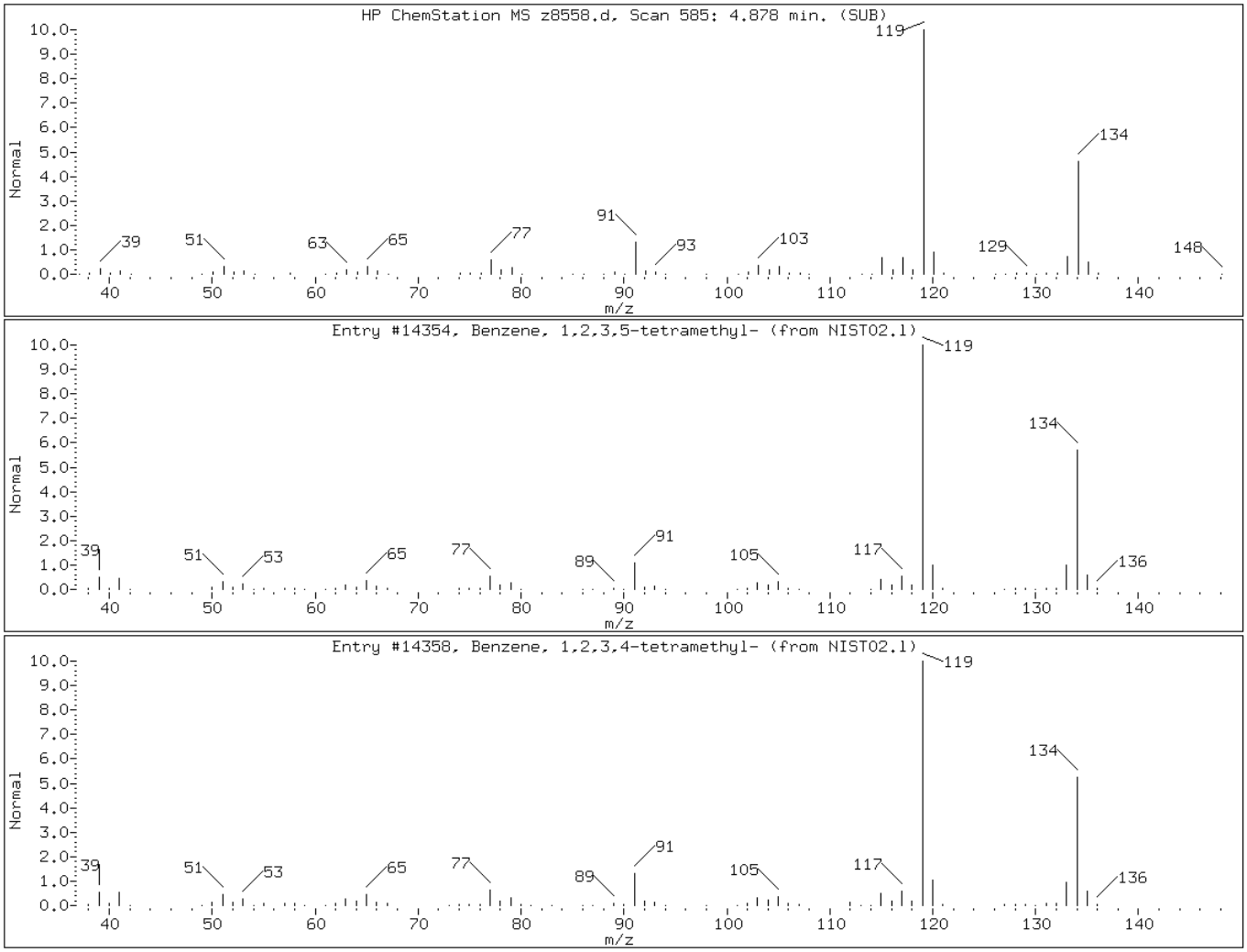
Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

Retention Time: 4.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer-2						
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14354	97	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14358	97	C10H14	134



Data File: z8558.d

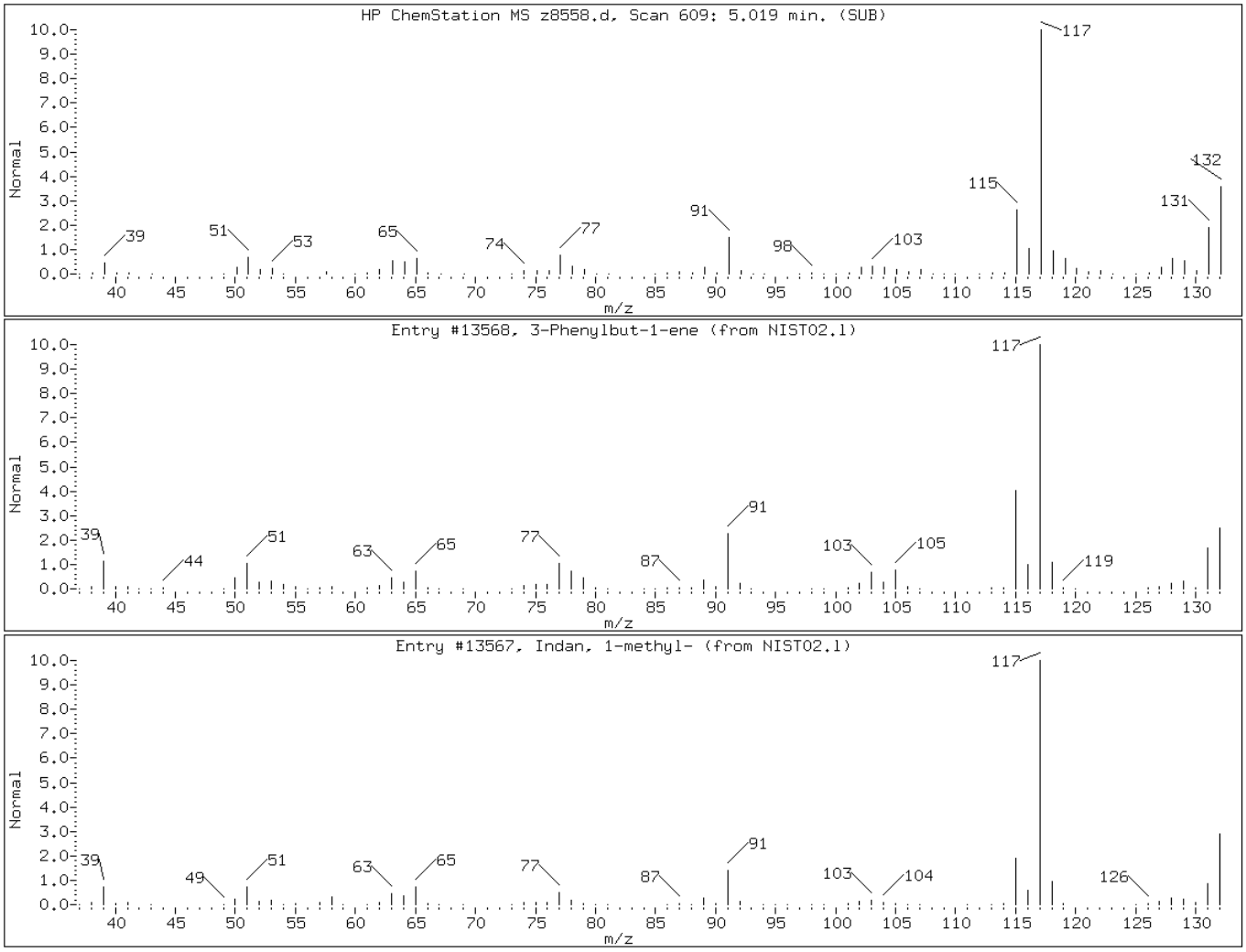
Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

Retention Time: 5.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
3-Phenylbut-1-ene	934-10-1	NIST02.l	13568	90	C10H12	132
Indan, 1-methyl-	767-58-8	NIST02.l	13567	87	C10H12	132



Data File: z8558.d

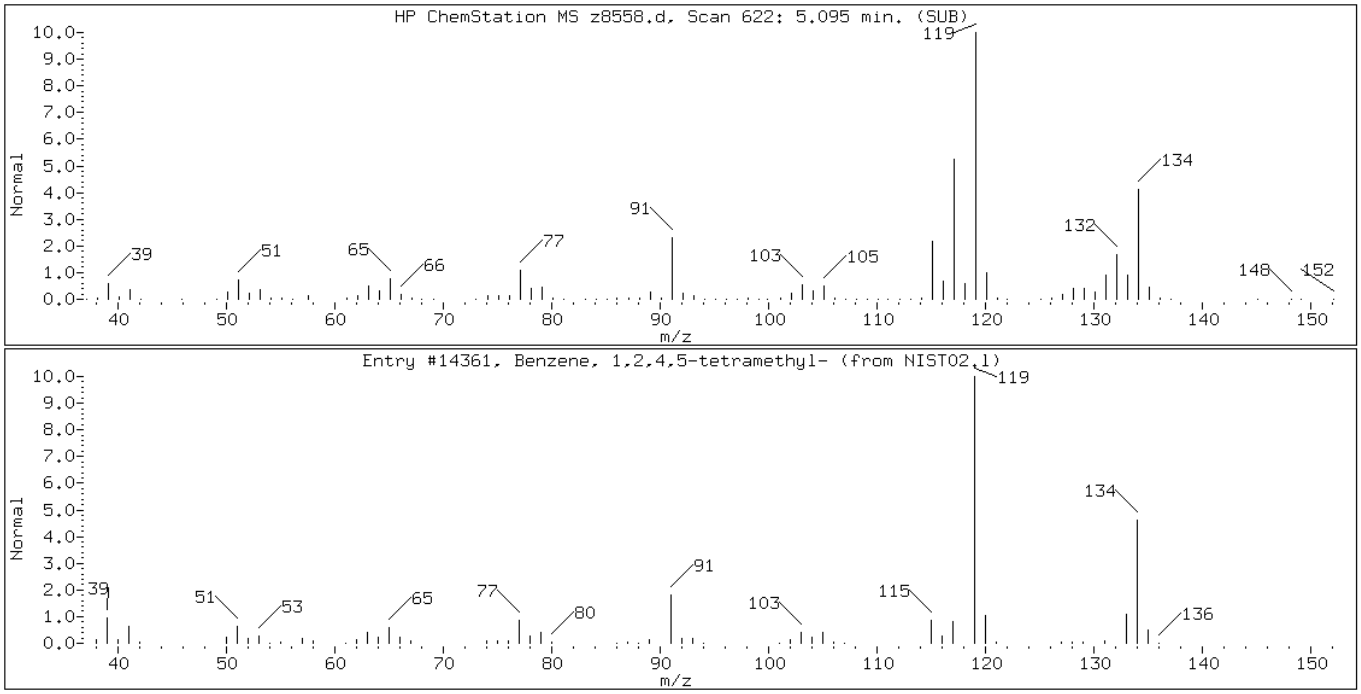
Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

Retention Time: 5.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer-3						
C10H12/C10H14 Aromatics						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	91	C10H14	134



Data File: z8558.d

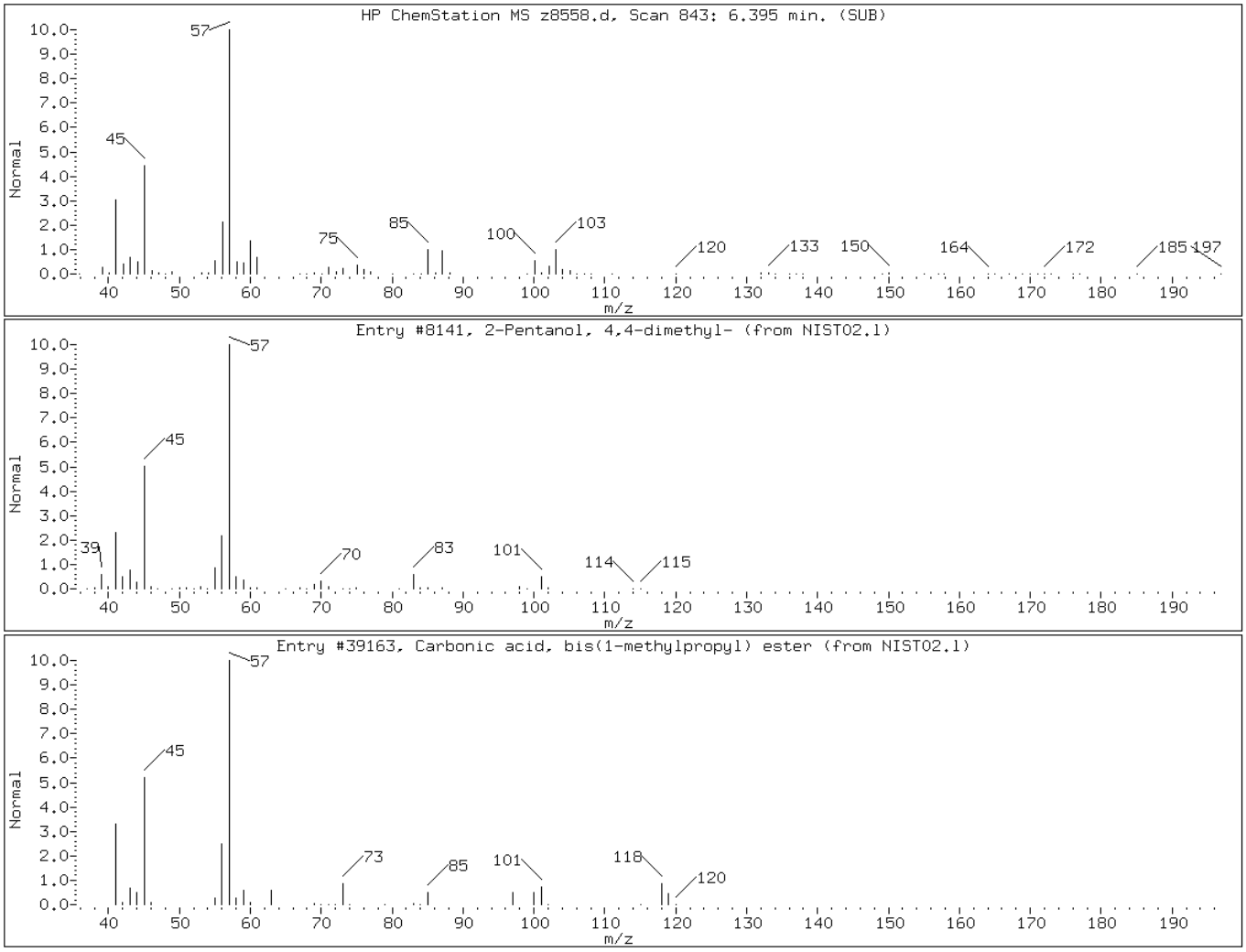
Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

Retention Time: 6.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
2-Pentanol, 4,4-dimethyl-	6144-93-0	NIST02.l	8141	47	C7H16O	116
Carbonic acid, bis(1-methylpropyl)	623-63-2	NIST02.l	39163	42	C9H18O3	174



Data File: z8558.d

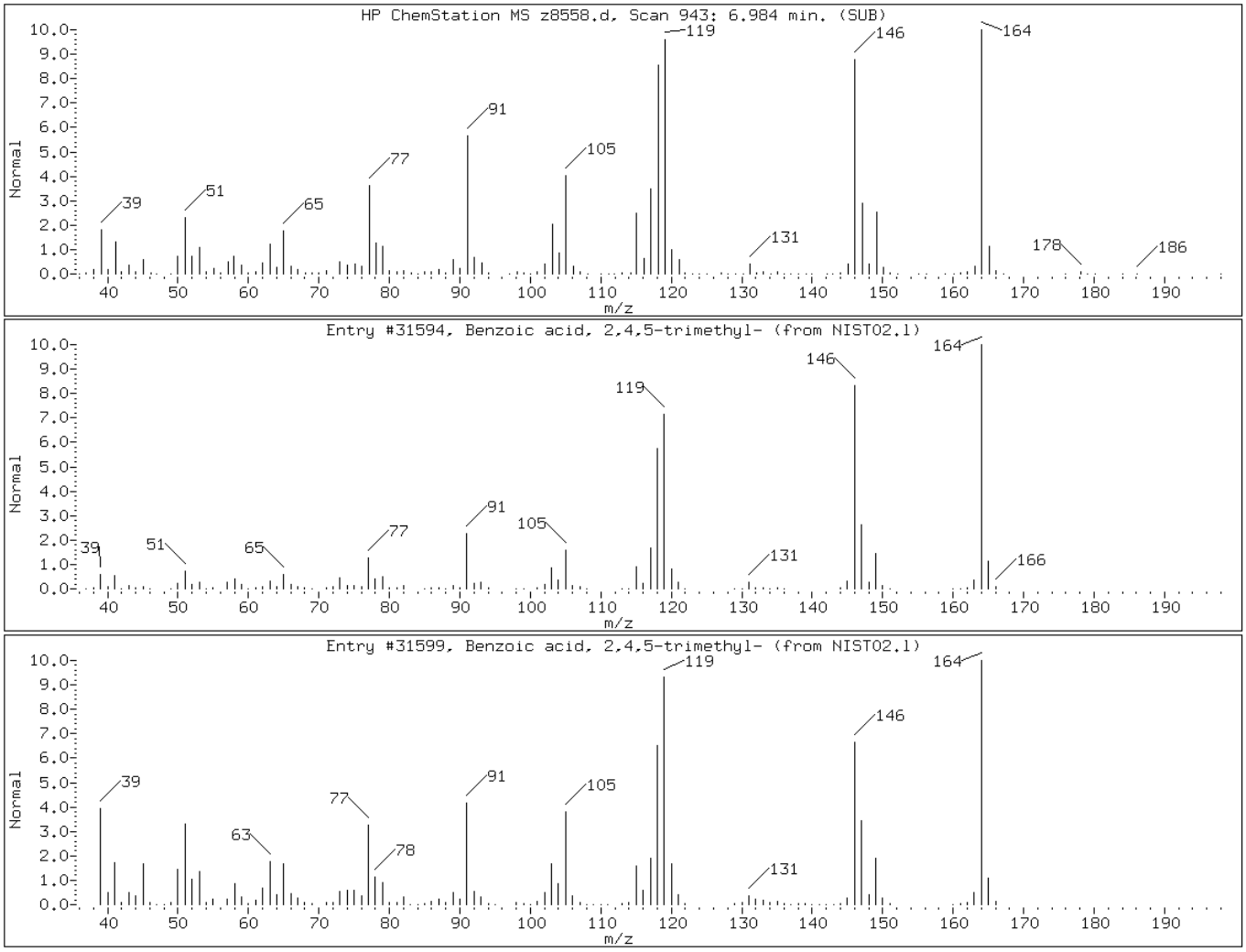
Date: 07-MAR-2010 18:52

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

Retention Time: 6.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzoic acid isomer						
Benzoic acid, 2,4,5-trimethyl-	528-90-5	NIST02.l	31594	95	C10H12O2	164
Benzoic acid, 2,4,5-trimethyl-	528-90-5	NIST02.l	31599	93	C10H12O2	164



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-021 Lab Sample ID: 460-10889-21 DL

Matrix: GW Lab File ID: z8573.d

Analysis Method: 8270C Date Collected: 03/03/2010 14:00

Extract. Method: 3510C Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/08/2010 16:26

Con. Extract Vol.: 2(mL) Dilution Factor: 10

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31823 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	1700		100	37

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	0	50-119	D
321-60-8	2-Fluorobiphenyl	0	61-112	D
367-12-4	2-Fluorophenol (Surr)	0	14-68	D
4165-60-0	Nitrobenzene-d5 (Surr)	0	61-120	D
4165-62-2	Phenol-d5 (Surr)	0	9-48	D
1718-51-0	Terphenyl-d14 (Surr)	0	41-124	D

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-021 | Lab Sample ID: 460-10889-21 DL

Matrix: GW | Lab File ID: z8573.d

Analysis Method: 8270C | Date Collected: 03/03/2010 14:00

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/08/2010 16:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31823 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/z8573.d
Report Date: 09-Mar-2010 14:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/z8573.d
Lab Smp Id: 460-10889-F-21-A Client Smp ID: GW-017338-030310-RA
Inj Date : 08-MAR-2010 16:26
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-21-A
Misc Info : 460-10889-F-21-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/8270Cdel_08.m
Meth Date : 08-Mar-2010 15:27 croccom Quant Type: ISTD
Cal Date : 08-MAR-2010 15:06 Cal File: z8570.d
Als bottle: 5
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	106 1,4-Dioxane	88	1.460	1.419	(0.364)	3241	0.25971	5.2(a)
*	79 1,4-Dichlorobenzene-d4	152	4.007	4.013	(1.000)	626217	40.0000	
	4 4-Methylphenol	108	4.431	4.442	(1.106)	21005	1.19145	24(a)
	121 3 & 4 Methylphenol	108	4.431	4.442	(1.106)	21005	1.19145	24(a)
	104 Acetophenone	105	4.413	4.431	(1.101)	312977	12.4269	250
	6 2,4-Dimethylphenol	122	4.989	4.978	(0.941)	13621	0.79217	16(a)
*	80 Naphthalene-d8	136	5.301	5.301	(1.000)	2170223	40.0000	
	31 Naphthalene	128	5.325	5.325	(1.004)	4729679	83.1797	1700
	34 2-Methylnaphthalene	142	6.013	6.019	(1.134)	107380	3.47528	70(a)
	120 1-Methylnaphthalene	142	6.113	6.119	(1.153)	27149	0.88191	18(a)
*	82 Acenaphthene-d10	164	7.048	7.054	(1.000)	951340	40.0000	
*	83 Phenanthrene-d10	188	8.507	8.507	(1.000)	1099540	40.0000	
*	81 Chrysene-d12	240	11.183	11.189	(1.000)	520843	40.0000	
*	84 Perylene-d12	264	13.012	13.013	(1.000)	368691	40.0000	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/z8573.d
Report Date: 09-Mar-2010 14:39

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/z8573.d
Report Date: 09-Mar-2010 14:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/z8573.d
Lab Smp Id: 460-10889-F-21-A Client Smp ID: GW-017338-030310-RA
Inj Date : 08-MAR-2010 16:26
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-21-A
Misc Info : 460-10889-F-21-A
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/8270Cdel_08.m
Meth Date : 08-Mar-2010 15:27 croccom Quant Type: ISTD
Cal Date : 08-MAR-2010 15:06 Cal File: z8570.d
Als bottle: 5
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

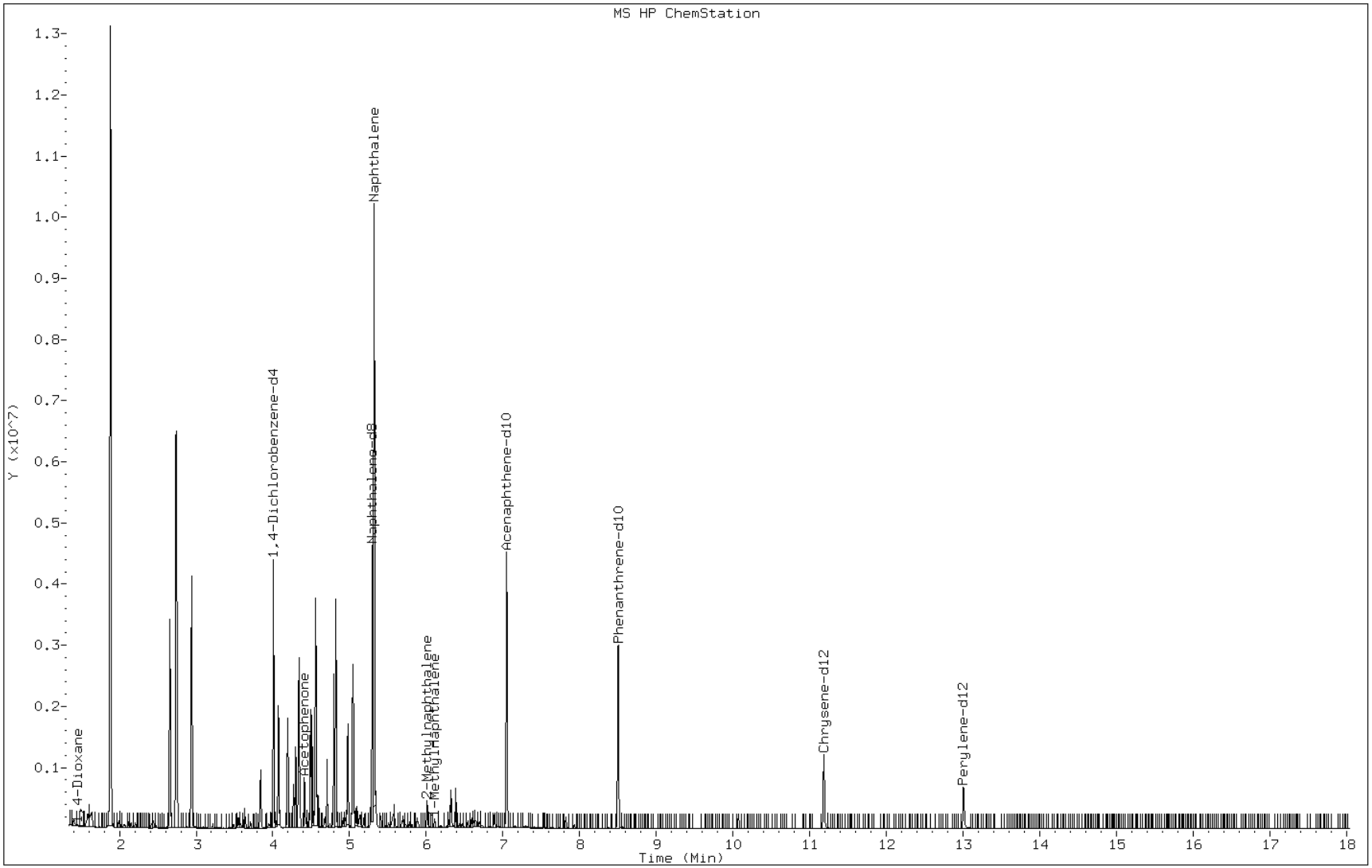
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z8573.d

Date: 08-MAR-2010 16:26

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4



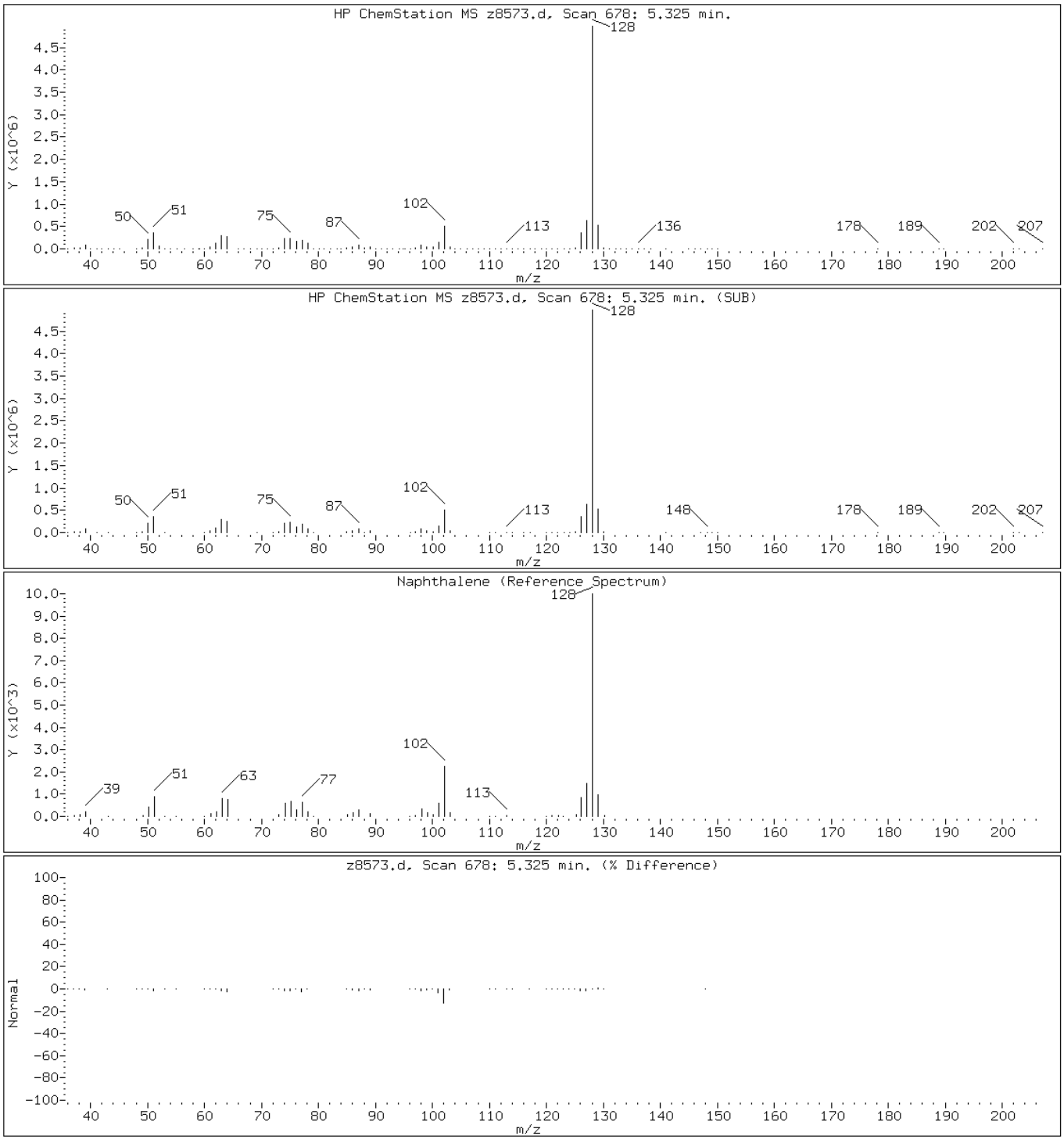
Data File: z8573.d

Date: 08-MAR-2010 16:26

Client ID: GW-017338-030310-RA Instrument: BNAMS11.i

Sample Info: 460-10889-F-21-A Operator: BNAMS 4

31 Naphthalene



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 31598

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2010 20:33 Calibration End Date: 03/05/2010 22:09 Calibration ID: 5315

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-31598/4	z8506.d
Level 2	IC 460-31598/6	z8508.d
Level 3	ICIS 460-31598/2	z8504.d
Level 4	IC 460-31598/5	z8507.d
Level 5	IC 460-31598/3	z8505.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.7936	0.9061	0.7855	0.8170	0.9274	Ave		0.8459			0.0500	7.8		30.0			
N-Nitrosodimethylamine	1.0873	1.3106	1.1110	1.1335	1.1881	Ave		1.1661			0.0500	7.6		30.0			
Pyridine	2.0066	2.1877	1.8344	1.8928	2.0349	Ave		1.9913			0.0500	6.9		30.0			
2,3,7,8-TCDD	+++++	+++++	0.1985	+++++	+++++	Ave		0.1985			0.0500			30.0			
Benzaldehyde	1.4439	0.7090	0.3494	0.2199	0.1389	Ave		0.5722			0.0500	93.3	*	30.0			
Phenol	2.4467	2.4675	1.8475	1.5273	1.7828	Ave		2.0144			0.0500	20.9		30.0			
Aniline	2.6383	2.9260	2.3237	2.0504	1.5130	Ave		2.2903			0.0500	23.8		30.0			
Bis(2-chloroethyl)ether	1.9736	1.9825	1.6197	1.5470	1.9929	Ave		1.8232			0.0500	12.1		30.0			
2-Chlorophenol	1.7876	1.9633	1.5956	1.3677	1.4465	Ave		1.6321			0.0500	15.0		30.0			
n-Decane	2.7632	2.6302	2.1494	1.8885	1.8402	Ave		2.2543			0.0500	18.8		30.0			
1,3-Dichlorobenzene	1.8729	1.9984	1.6713	1.5300	1.6425	Ave		1.7430			0.0500	10.8		30.0			
1,4-Dichlorobenzene	1.8179	1.8725	1.6230	1.5038	1.5847	Ave		1.6804			0.0500	9.4		30.0			
Benzyl alcohol	1.0762	1.3119	1.0290	0.9014	0.7494	Ave		1.0136			0.0500	20.7		30.0			
1,2-Dichlorobenzene	1.7954	1.8279	1.5269	1.3758	1.4294	Ave		1.5911			0.0500	13.1		30.0			
2-Methylphenol	1.5088	1.6752	1.2923	1.0711	1.1066	Ave		1.3308			0.0500	19.5		30.0			
2,2'-oxybis[1-chloropropane]	3.4714	3.6456	2.8220	2.2730	2.2857	Ave		2.8995			0.0500	22.2		30.0			
Acetophenone	2.1552	2.1179	1.6493	1.5602	1.5761	Ave		1.8118			0.0500	16.5		30.0			
N-Nitrosodi-n-propylamine	1.1901	1.1501	0.8868	0.8169	0.8100	Ave		0.9708			0.0500	19.1		30.0			
3 & 4 Methylphenol	1.6223	1.4534	0.9794	1.0093	1.0194	Ave		1.2167			0.0500	24.6		30.0			
4-Methylphenol	1.6223	1.4534	0.9794	1.0093	1.0194	Ave		1.2167			0.0500	24.6		30.0			
Hexachloroethane	0.8095	0.8771	0.7337	0.6562	0.6829	Ave		0.7519			0.0500	12.1		30.0			
Nitrobenzene	0.7738	0.6895	0.5673	0.5189	0.5029	Ave		0.6105			0.0500	19.2		30.0			
n,n'-Dimethylaniline	2.8366	2.4279	1.8935	1.7178	1.7364	Ave		2.1224			0.0500	23.2		30.0			
Isophorone	0.8119	0.9195	0.7529	0.7501	0.7458	Ave		0.7961			0.0500	9.3		30.0			
2-Nitrophenol	0.2012	0.2439	0.2087	0.1926	0.2026	Ave		0.2098			0.0500	9.5		30.0			
2,4-Dimethylphenol	0.3721	0.3977	0.3224	0.2876	0.2943	Ave		0.3348			0.0500	14.5		30.0			
Bis(2-chloroethoxy)methane	0.5291	0.5584	0.4570	0.4448	0.4404	Ave		0.4859			0.0500	11.1		30.0			
2,4-Dichlorophenol	0.3079	0.3367	0.2661	0.2407	0.2416	Ave		0.2786			0.0500	15.2		30.0			
1,2,4-Trichlorobenzene	0.3857	0.3940	0.3254	0.3181	0.3210	Ave		0.3488			0.0500	10.8		30.0			
Naphthalene	1.2117	1.2361	1.0336	0.9910	0.9908	Ave		1.0927			0.0500	11.1		30.0			
4-Chloroaniline	0.4550	0.4993	0.3961	0.3690	0.3575	Ave		0.4154			0.0500	14.5		30.0			
Hexachlorobutadiene	0.2175	0.2342	0.1990	0.2075	0.2150	Ave		0.2146			0.0500	6.1		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 31598

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2010 20:33 Calibration End Date: 03/05/2010 22:09 Calibration ID: 5315

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Caprolactam	0.0794	0.1050	0.0813	0.0795	0.0835	Ave		0.0858			0.0500	12.7		30.0			
4-Chloro-3-methylphenol	0.3079	0.3469	0.2716	0.2479	0.2615	Ave		0.2872			0.0500	14.0		30.0			
2-Methylnaphthalene	0.7109	0.7043	0.5730	0.5372	0.5465	Ave		0.6144			0.0500	14.0		30.0			
1-Methylnaphthalene	0.6595	0.6679	0.5702	0.5167	0.5349	Ave		0.5898			0.0500	11.9		30.0			
Hexachlorocyclopentadiene	0.3855	0.5137	0.5056	0.5213	0.5313	Ave		0.4915			0.0500	12.2		30.0			
2,4,6-Trichlorophenol	0.3923	0.4520	0.3863	0.3548	0.3986	Ave		0.3968			0.0500	8.9		30.0			
2,4,5-Trichlorophenol	0.3976	0.4677	0.4026	0.3685	0.3629	Ave		0.3999			0.0500	10.4		30.0			
1,1'-Biphenyl	1.7596	1.8579	1.5468	1.4708	1.5449	Ave		1.6360			0.0500	10.0		30.0			
2-Chloronaphthalene	1.3346	1.3979	1.2016	1.1234	1.1152	Ave		1.2345			0.0500	10.3		30.0			
Phenyl ether	0.8640	0.9693	0.8282	0.8018	0.8013	Ave		0.8529			0.0500	8.2		30.0			
2-Nitroaniline	0.4665	0.6285	0.5381	0.4946	0.4927	Ave		0.5241			0.0500	12.2		30.0			
Dimethyl phthalate	1.1613	1.2730	1.0823	1.0127	1.0339	Ave		1.1126			0.0500	9.6		30.0			
Coumarin	0.1692	0.1719	0.1404	0.1249	0.1299	Ave		0.1473			0.0500	15.0		30.0			
2,6-Dinitrotoluene	0.2272	0.3083	0.2692	0.2470	0.2524	Ave		0.2608			0.0500	11.7		30.0			
Acenaphthylene	1.9304	2.0837	1.7756	1.6657	1.6791	Ave		1.8269			0.0500	9.8		30.0			
3-Nitroaniline	0.2670	0.3400	0.2885	0.2634	0.2707	Ave		0.2859			0.0500	11.1		30.0			
Acenaphthene	1.1817	1.1874	1.0039	0.9552	0.9693	Ave		1.0595			0.0500	10.9		30.0			
2,4-Dinitrophenol	0.0836	0.1580	0.1391	0.1314	0.1444	Ave		0.1313			0.0500	21.6		30.0			
4-Nitrophenol	0.1878	0.2604	0.2254	0.2052	0.2202	Ave		0.2198			0.0500	12.3		30.0			
2,4-Dinitrotoluene	0.2943	0.3370	0.2733	0.2447	0.2530	Ave		0.2805			0.0500	13.2		30.0			
Dibenzofuran	1.5769	1.6750	1.4052	1.3032	1.3211	Ave		1.4563			0.0500	11.2		30.0			
Diethyl phthalate	1.0696	1.1927	1.0142	0.9260	0.9640	Ave		1.0333			0.0500	10.1		30.0			
Fluorene	1.1948	1.2210	1.0258	0.9606	0.9901	Ave		1.0784			0.0500	11.2		30.0			
4-Chlorophenyl phenyl ether	0.5920	0.5941	0.5081	0.4786	0.5057	Ave		0.5357			0.0500	10.0		30.0			
4-Nitroaniline	0.2210	0.2865	0.2475	0.1904	0.2177	Ave		0.2326			0.0500	15.6		30.0			
4,6-Dinitro-2-methylphenol	0.1006	0.1636	0.1483	0.1410	0.1569	Ave		0.1421			0.0500	17.4		30.0			
N-Nitrosodiphenylamine	0.5274	0.6812	0.6029	0.5801	0.5997	Ave		0.5983			0.0500	9.3		30.0			
1,2-Diphenylhydrazine	1.3733	1.5678	1.3748	1.3240	1.3646	Ave		1.4009			0.0500	6.8		30.0			
4-Bromophenyl phenyl ether	0.2535	0.3050	0.2726	0.2692	0.2788	Ave		0.2758			0.0500	6.8		30.0			
Hexachlorobenzene	0.3090	0.3448	0.3087	0.2967	0.3067	Ave		0.3132			0.0500	5.9		30.0			
Atrazine	0.1714	0.2303	0.1943	0.1900	0.1998	Ave		0.1972			0.0500	10.8		30.0			
Pentachlorophenol	0.1262	0.1773	0.1608	0.1536	0.1696	Ave		0.1575			0.0500	12.5		30.0			
Phenanthrene	1.1680	1.3028	1.1437	1.0879	1.1169	Ave		1.1639			0.0500	7.1		30.0			
Anthracene	1.1537	1.3302	1.1615	1.0922	1.1130	Ave		1.1701			0.0500	8.0		30.0			
Carbazole	0.8733	1.0099	0.8907	0.8247	0.8477	Ave		0.8892			0.0500	8.1		30.0			
Di-n-butyl phthalate	0.9748	1.2852	1.1462	1.0546	1.1069	Ave		1.1136			0.0500	10.4		30.0			
Fluoranthene	0.9041	1.0735	0.9539	0.8763	0.8989	Ave		0.9413			0.0500	8.4		30.0			
Benzidine	0.0386	0.1582	0.0750	0.0343	0.0339	Ave		0.0680			0.0500	78.3	*	30.0			
Pyrene	1.6572	1.9338	1.7374	1.6887	1.7561	Ave		1.7546			0.0500	6.1		30.0			
Butyl benzyl phthalate	0.5120	0.6977	0.6433	0.6414	0.6602	Ave		0.6309			0.0500	11.1		30.0			
3,3'-Dichlorobenzidine	0.2687	0.3443	0.3042	0.2981	0.3000	Ave		0.3031			0.0500	8.9		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 31598

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2010 20:33 Calibration End Date: 03/05/2010 22:09 Calibration ID: 5315

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzo[a]anthracene	1.8175	1.1808	1.1125	1.1260	1.1624	Ave		1.2798			0.0500	23.6		30.0			
Chrysene	0.9680	1.1250	1.0873	1.0703	1.1106	Ave		1.0722			0.0500	5.8		30.0			
Bis(2-ethylhexyl) phthalate	0.6214	0.8673	0.8090	0.8166	0.8475	Ave		0.7923			0.0500	12.4		30.0			
Di-n-octyl phthalate	1.0443	1.6767	1.5941	1.5356	1.6319	Ave		1.4965			0.0500	17.2		30.0			
Benzo[b]fluoranthene	1.1263	1.2064	1.2124	1.1724	1.1948	Ave		1.1825			0.0500	3.0		30.0			
Benzo[k]fluoranthene	1.6614	1.4257	1.2856	1.2668	1.3304	Ave		1.3940			0.0500	11.6		30.0			
Benzo[a]pyrene	1.3239	1.0930	1.0319	1.0176	1.0873	Ave		1.1107			0.0500	11.1		30.0			
Indeno[1,2,3-cd]pyrene	0.7766	0.7201	0.7727	0.8965	0.9406	Ave		0.8213			0.0500	11.3		30.0			
Dibenz(a,h)anthracene	0.7897	0.7246	0.8754	0.9100	0.9726	Ave		0.8545			0.0500	11.5		30.0			
Benzo[g,h,i]perylene	0.6582	0.8443	0.8703	0.9596	0.9945	Ave		0.8654			0.0500	15.2		30.0			
2-Fluorophenol (Surr)	1.7143	1.9680	1.5931	1.4789	1.7016	Ave		1.6912			0.0500	10.7		30.0			
Phenol-d5 (Surr)	2.0873	2.3630	1.8223	1.5352	1.6376	Ave		1.8891			0.0500	17.9		30.0			
Nitrobenzene-d5 (Surr)	0.5101	0.5781	0.4965	0.4811	0.4632	Ave		0.5058			0.0500	8.7		30.0			
2-Fluorobiphenyl	1.5750	1.7159	1.4869	1.4356	1.4494	Ave		1.5326			0.0500	7.6		30.0			
2,4,6-Tribromophenol (Surr)	0.1635	0.2059	0.1756	0.1608	0.1712	Ave		0.1754			0.0500	10.3		30.0			
Terphenyl-d14 (Surr)	1.1929	1.3947	1.2320	1.2075	1.2927	Ave		1.2640			0.0500	6.5		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 31598

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2010 20:33 Calibration End Date: 03/05/2010 22:09 Calibration ID: 5315

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-31598/4	z8506.d
Level 2	IC 460-31598/6	z8508.d
Level 3	ICIS 460-31598/2	z8504.d
Level 4	IC 460-31598/5	z8507.d
Level 5	IC 460-31598/3	z8505.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	65034	363972	543258	925371	1361487	5.00	20.0	50.0	80.0	120
N-Nitrosodimethylamine	DCB	Ave	89107	526449	768385	1283740	1744236	5.00	20.0	50.0	80.0	120
Pyridine	DCB	Ave	164441	878761	1268664	2143737	2987534	5.00	20.0	50.0	80.0	120
2,3,7,8-TCDD	CRY	Ave	+++++	+++++	1190	+++++	+++++	+++++	+++++	0.500	+++++	+++++
Benzaldehyde	DCB	Ave	118329	284797	241664	249038	203871	5.00	20.0	50.0	80.0	120
Phenol	DCB	Ave	200508	991135	1277777	1729809	2617414	5.00	20.0	50.0	80.0	120
Aniline	DCB	Ave	216212	1175321	1607094	2322243	2221284	5.00	20.0	50.0	80.0	120
Bis(2-chloroethyl)ether	DCB	Ave	16174	796348	1120235	1752096	2925855	0.500	20.0	50.0	80.0	120
2-Chlorophenol	DCB	Ave	146494	788638	1103527	1548998	2123647	5.00	20.0	50.0	80.0	120
n-Decane	DCB	Ave	226443	1056492	1486523	2138871	2701634	5.00	20.0	50.0	80.0	120
1,3-Dichlorobenzene	DCB	Ave	153489	802720	1155887	1732788	2411404	5.00	20.0	50.0	80.0	120
1,4-Dichlorobenzene	DCB	Ave	148981	752155	1122485	1703185	2326611	5.00	20.0	50.0	80.0	120
Benzyl alcohol	DCB	Ave	88199	526970	711650	1020878	1100283	5.00	20.0	50.0	80.0	120
1,2-Dichlorobenzene	DCB	Ave	147135	734219	1056006	1558174	2098587	5.00	20.0	50.0	80.0	120
2-Methylphenol	DCB	Ave	123650	672879	893767	1213058	1624703	5.00	20.0	50.0	80.0	120
2,2'-oxybis[1-chloropropane]	DCB	Ave	284486	1464385	1951705	2574339	3355681	5.00	20.0	50.0	80.0	120
Acetophenone	DCB	Ave	176624	850714	1140691	1767034	2313964	5.00	20.0	50.0	80.0	120
N-Nitrosodi-n-propylamine	DCB	Ave	9753	461981	613339	925197	1189151	0.500	20.0	50.0	80.0	120
3 & 4 Methylphenol	DCB	Ave	132950	583807	677360	1143063	1496572	5.00	20.0	50.0	80.0	120
4-Methylphenol	DCB	Ave	132950	583807	677360	1143063	1496572	5.00	20.0	50.0	80.0	120
Hexachloroethane	DCB	Ave	6634	352318	507413	743164	1002563	0.500	20.0	50.0	80.0	120
Nitrobenzene	NPT	Ave	23465	1021668	1379592	1984909	2519991	0.500	20.0	50.0	80.0	120
n,n'-Dimethylaniline	DCB	Ave	23246	975262	1309533	1945586	2549221	0.500	20.0	50.0	80.0	120
Isophorone	NPT	Ave	246211	1362577	1830881	2869213	3737042	5.00	20.0	50.0	80.0	120
2-Nitrophenol	NPT	Ave	61015	361466	507513	736612	1015122	5.00	20.0	50.0	80.0	120
2,4-Dimethylphenol	NPT	Ave	112839	589342	784028	1100253	1474391	5.00	20.0	50.0	80.0	120
Bis(2-chloroethoxy)methane	NPT	Ave	160453	827466	1111335	1701292	2206496	5.00	20.0	50.0	80.0	120
2,4-Dichlorophenol	NPT	Ave	93370	498963	647088	920693	1210433	5.00	20.0	50.0	80.0	120
1,2,4-Trichlorobenzene	NPT	Ave	11696	583784	791381	1216695	1608247	0.500	20.0	50.0	80.0	120
Naphthalene	NPT	Ave	367457	1831684	2513475	3790829	4964473	5.00	20.0	50.0	80.0	120
4-Chloroaniline	NPT	Ave	137971	739862	963237	1411645	1791492	5.00	20.0	50.0	80.0	120
Hexachlorobutadiene	NPT	Ave	13194	347008	483863	793693	1077203	1.00	20.0	50.0	80.0	120
Caprolactam	NPT	Ave	24081	155645	197766	304243	418490	5.00	20.0	50.0	80.0	120
4-Chloro-3-methylphenol	NPT	Ave	93367	514100	660415	948156	1310224	5.00	20.0	50.0	80.0	120

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 31598

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2010 20:33 Calibration End Date: 03/05/2010 22:09 Calibration ID: 5315

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
2-Methylnaphthalene	NPT	Ave	215571	1043698	1393424	2054964	2738447	5.00	20.0	50.0	80.0	120
1-Methylnaphthalene	NPT	Ave	199992	989761	1386492	1976330	2679937	5.00	20.0	50.0	80.0	120
Hexachlorocyclopentadiene	ANT	Ave	52894	327271	489198	782017	1048463	5.00	20.0	50.0	80.0	120
2,4,6-Trichlorophenol	ANT	Ave	53827	287977	373808	532164	786530	5.00	20.0	50.0	80.0	120
2,4,5-Trichlorophenol	ANT	Ave	54566	298010	389494	552739	716127	5.00	20.0	50.0	80.0	120
1,1'-Biphenyl	ANT	Ave	241451	1183694	1496628	2206275	3048723	5.00	20.0	50.0	80.0	120
2-Chloronaphthalene	ANT	Ave	183136	890609	1162578	1685187	2200645	5.00	20.0	50.0	80.0	120
Phenyl ether	ANT	Ave	118565	617555	801324	1202816	1581327	5.00	20.0	50.0	80.0	120
2-Nitroaniline	ANT	Ave	128018	400400	520638	741907	972283	10.0	20.0	50.0	80.0	120
Dimethyl phthalate	ANT	Ave	159356	811048	1047151	1519070	2040208	5.00	20.0	50.0	80.0	120
Coumarin	NPT	Ave	51316	254770	341316	477628	650968	5.00	20.0	50.0	80.0	120
2,6-Dinitrotoluene	ANT	Ave	6236	196434	260425	370562	498094	1.00	20.0	50.0	80.0	120
Acenaphthylene	ANT	Ave	264888	1327532	1717982	2498617	3313554	5.00	20.0	50.0	80.0	120
3-Nitroaniline	ANT	Ave	73288	216623	279171	395115	534205	10.0	20.0	50.0	80.0	120
Acenaphthene	ANT	Ave	162160	756486	971351	1432884	1912862	5.00	20.0	50.0	80.0	120
2,4-Dinitrophenol	ANT	Ave	34433	151017	134547	197106	285043	15.0	30.0	50.0	80.0	120
4-Nitrophenol	ANT	Ave	77298	248809	218119	307770	434609	15.0	30.0	50.0	80.0	120
2,4-Dinitrotoluene	ANT	Ave	8078	214700	264473	367027	499182	1.00	20.0	50.0	80.0	120
Dibenzofuran	ANT	Ave	216385	1067176	1359581	1954915	2606945	5.00	20.0	50.0	80.0	120
Diethyl phthalate	ANT	Ave	146768	759871	981305	1389067	1902317	5.00	20.0	50.0	80.0	120
Fluorene	ANT	Ave	163947	777911	992478	1440930	1953760	5.00	20.0	50.0	80.0	120
4-Chlorophenyl phenyl ether	ANT	Ave	81240	378532	491649	717984	997884	5.00	20.0	50.0	80.0	120
4-Nitroaniline	ANT	Ave	60651	182537	239455	285675	429617	10.0	20.0	50.0	80.0	120
4,6-Dinitro-2-methylphenol	PHN	Ave	49117	183908	162107	222785	325299	15.0	30.0	50.0	80.0	120
N-Nitrosodiphenylamine	PHN	Ave	85805	510656	658951	916463	1243426	5.00	20.0	50.0	80.0	120
1,2-Diphenylhydrazine	PHN	Ave	223431	1175255	1502664	2091774	2829239	5.00	20.0	50.0	80.0	120
4-Bromophenyl phenyl ether	PHN	Ave	41241	228633	297939	425372	578074	5.00	20.0	50.0	80.0	120
Hexachlorobenzene	PHN	Ave	5028	258442	337374	468795	635909	0.500	20.0	50.0	80.0	120
Atrazine	PHN	Ave	27882	172654	212382	300256	414274	5.00	20.0	50.0	80.0	120
Pentachlorophenol	PHN	Ave	61600	199402	175781	242642	351698	15.0	30.0	50.0	80.0	120
Phenanthrene	PHN	Ave	190032	976631	1250097	1718889	2315628	5.00	20.0	50.0	80.0	120
Anthracene	PHN	Ave	187691	997154	1269493	1725643	2307611	5.00	20.0	50.0	80.0	120
Carbazole	PHN	Ave	142077	757047	973499	1302934	1757519	5.00	20.0	50.0	80.0	120
Di-n-butyl phthalate	PHN	Ave	158599	963464	1252769	1666290	2295007	5.00	20.0	50.0	80.0	120
Fluoranthene	PHN	Ave	147088	804715	1042642	1384495	1863729	5.00	20.0	50.0	80.0	120
Benzidine	PHN	Ave	12576	177903	81969	54132	70265	10.0	30.0	50.0	80.0	120
Pyrene	CRY	Ave	144647	784204	1041735	1372078	1821116	5.00	20.0	50.0	80.0	120
Butyl benzyl phthalate	CRY	Ave	44688	282931	385720	521126	684643	5.00	20.0	50.0	80.0	120
3,3'-Dichlorobenzidine	CRY	Ave	46911	209414	182427	242228	311064	10.0	30.0	50.0	80.0	120
Benzo[a]anthracene	CRY	Ave	15864	478846	667064	914877	1205426	0.500	20.0	50.0	80.0	120
Chrysene	CRY	Ave	84490	456208	651948	869663	1151710	5.00	20.0	50.0	80.0	120
Bis(2-ethylhexyl) phthalate	CRY	Ave	54238	351719	485056	663514	878838	5.00	20.0	50.0	80.0	120
Di-n-octyl phthalate	PRY	Ave	50317	458787	667806	958471	1303532	5.00	20.0	50.0	80.0	120

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 31598

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/05/2010 20:33 Calibration End Date: 03/05/2010 22:09 Calibration ID: 5315

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Benzo[b]fluoranthene	PRY	Ave	5427	330105	507912	731757	954363	0.500	20.0	50.0	80.0	120
Benzo[k]fluoranthene	PRY	Ave	8005	390102	538571	790685	1062638	0.500	20.0	50.0	80.0	120
Benzo[a]pyrene	PRY	Ave	6379	299059	432278	635138	868488	0.500	20.0	50.0	80.0	120
Indeno[1,2,3-cd]pyrene	PRY	Ave	3742	197024	323689	559581	751286	0.500	20.0	50.0	80.0	120
Dibenz(a,h)anthracene	PRY	Ave	3805	198269	366737	568006	776849	0.500	20.0	50.0	80.0	120
Benzo[g,h,i]perylene	PRY	Ave	31712	231015	364580	598963	794407	5.00	20.0	50.0	80.0	120
2-Fluorophenol (Surr)	DCB	Ave	140490	790498	1101827	1674994	2498248	5.00	20.0	50.0	80.0	120
Phenol-d5 (Surr)	DCB	Ave	171057	949192	1260311	1738698	2404180	5.00	20.0	50.0	80.0	120
Nitrobenzene-d5 (Surr)	NPT	Ave	154681	856698	1207359	1840351	2320725	5.00	20.0	50.0	80.0	120
2-Fluorobiphenyl	ANT	Ave	216131	1093196	1438636	2153537	2860218	5.00	20.0	50.0	80.0	120
2,4,6-Tribromophenol (Surr)	ANT	Ave	22441	131204	169900	241202	337797	5.00	20.0	50.0	80.0	120
Terphenyl-d14 (Surr)	CRY	Ave	104120	565609	738726	981125	1340535	5.00	20.0	50.0	80.0	120

Curve Type Legend:
Ave = Average ISTD

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8504.d
Report Date: 05-Mar-2010 23:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8504.d
Lab Smp Id: ICIS-376365
Inj Date : 05-MAR-2010 20:33
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : ICIS-376365
Misc Info : 50 ppm bna 4439
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 2 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.460	1.460	(0.359)	543258	50.0000	50
	19 N-Nitrosodimethylamine	74	1.678	1.678	(0.412)	768385	50.0000	50
	71 Pyridine	79	1.701	1.701	(0.418)	1268664	50.0000	50
$	16 2-Fluorophenol (SUR)	112	2.790	2.790	(0.685)	1101827	50.0000	50
	110 Benzaldehyde	77	3.625	3.625	(0.890)	241664	50.0000	50
$	17 Phenol-d5 (SUR)	99	3.719	3.719	(0.913)	1260311	50.0000	50
	1 Phenol	94	3.737	3.737	(0.918)	1277777	50.0000	50
	73 Aniline	93	3.743	3.743	(0.919)	1607094	50.0000	50
	20 bis(2-Chloroethyl)ether	93	3.813	3.813	(0.936)	1120235	50.0000	50
	113 n-decane	43	3.931	3.931	(0.965)	1486523	50.0000	50
	2 2-Chlorophenol	128	3.866	3.866	(0.949)	1103527	50.0000	50
	21 1,3-Dichlorobenzene	146	4.019	4.019	(0.987)	1155887	50.0000	50
*	79 1,4-Dichlorobenzene-d4	152	4.072	4.072	(1.000)	553288	40.0000	
	22 1,4-Dichlorobenzene	146	4.090	4.090	(1.004)	1122485	50.0000	50
	74 Benzyl Alcohol	108	4.219	4.219	(1.036)	711650	50.0000	50

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8504.d
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			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	23	1,2-Dichlorobenzene	146	4.242	4.242	(1.042)	1056006	50.0000	50
	3	2-Methylphenol	108	4.343	4.343	(1.066)	893767	50.0000	50
	24	bis (2-chloroisopropyl) ether	45	4.360	4.360	(1.071)	1951705	50.0000	50
	4	4-Methylphenol	108	4.507	4.507	(1.107)	677360	50.0000	50
	121	3 & 4 Methylphenol	108	4.507	4.507	(1.107)	677360	50.0000	50
	104	Acetophenone	105	4.490	4.490	(1.103)	1140691	50.0000	50
	25	N-Nitroso-di-n-propylamine	70	4.501	4.501	(1.105)	613339	50.0000	50
	26	Hexachloroethane	117	4.584	4.584	(1.126)	507413	50.0000	50
$	76	Nitrobenzene-d5 (SUR)	82	4.637	4.637	(0.864)	1207359	50.0000	50
	107	N,N-Dimethylaniline	120	4.666	4.666	(1.146)	1309533	50.0000	50
	27	Nitrobenzene	77	4.660	4.660	(0.868)	1379592	50.0000	50
	28	Isophorone	82	4.907	4.907	(0.914)	1830881	50.0000	50
	6	2,4-Dimethylphenol	122	5.042	5.042	(0.940)	784028	50.0000	50
	5	2-Nitrophenol	139	4.978	4.978	(0.928)	507513	50.0000	50
	29	bis(2-Chloroethoxy)methane	93	5.131	5.131	(0.956)	1111335	50.0000	50
	7	2,4-Dichlorophenol	162	5.231	5.231	(0.975)	647088	50.0000	50
	30	1,2,4-Trichlorobenzene	180	5.313	5.313	(0.990)	791381	50.0000	50
*	80	Naphthalene-d8	136	5.366	5.366	(1.000)	1945323	40.0000	
	31	Naphthalene	128	5.384	5.384	(1.003)	2513475	50.0000	50
	32	4-Chloroaniline	127	5.442	5.442	(1.014)	963237	50.0000	50
	33	Hexachlorobutadiene	225	5.525	5.525	(1.030)	483863	50.0000	50
	111	Caprolactam	113	5.819	5.819	(1.084)	197766	50.0000	50
	8	4-Chloro-3-methylphenol	107	5.954	5.954	(1.110)	660415	50.0000	50
	34	2-Methylnaphthalene	142	6.084	6.084	(1.134)	1393424	50.0000	50
	120	1-Methylnaphthalene	142	6.184	6.184	(1.152)	1386492	50.0000	50
	35	Hexachlorocyclopentadiene	237	6.254	6.254	(0.879)	489198	50.0000	50
	9	2,4,6-Trichlorophenol	196	6.372	6.372	(0.895)	373808	50.0000	50
	10	2,4,5-Trichlorophenol	196	6.413	6.413	(0.901)	389494	50.0000	50
$	77	2-Fluorobiphenyl (SUR)	172	6.460	6.460	(0.907)	1438636	50.0000	50
	102	Diphenyl	154	6.554	6.554	(0.921)	1496628	50.0000	50
	36	2-Chloronaphthalene	162	6.572	6.572	(0.923)	1162578	50.0000	50
	103	Diphenyl Ether	170	6.660	6.660	(0.936)	801324	50.0000	50
	37	2-Nitroaniline	65	6.678	6.678	(0.938)	520638	50.0000	50
	38	Dimethylphthalate	163	6.866	6.866	(0.964)	1047151	50.0000	50
	114	Coumarin	146	6.878	6.878	(1.282)	341316	50.0000	50
	40	2,6-Dinitrotoluene	165	6.919	6.919	(0.972)	260425	50.0000	50
	39	Acenaphthylene	152	6.978	6.978	(0.980)	1717982	50.0000	50
	41	3-Nitroaniline	138	7.083	7.083	(0.995)	279171	50.0000	50
*	82	Acenaphthene-d10	164	7.119	7.119	(1.000)	774047	40.0000	
	42	Acenaphthene	154	7.154	7.154	(1.005)	971351	50.0000	50
	11	2,4-Dinitrophenol	184	7.183	7.183	(1.009)	134547	50.0000	50
	12	4-Nitrophenol	65	7.260	7.260	(1.020)	218119	50.0000	50
	43	Dibenzofuran	168	7.325	7.325	(1.029)	1359581	50.0000	50
	44	2,4-Dinitrotoluene	165	7.319	7.319	(1.028)	264473	50.0000	50
	45	Diethylphthalate	149	7.566	7.566	(1.063)	981305	50.0000	50
	46	4-Chlorophenyl-phenylether	204	7.666	7.666	(1.077)	491649	50.0000	50
	47	Fluorene	166	7.660	7.660	(1.076)	992478	50.0000	50

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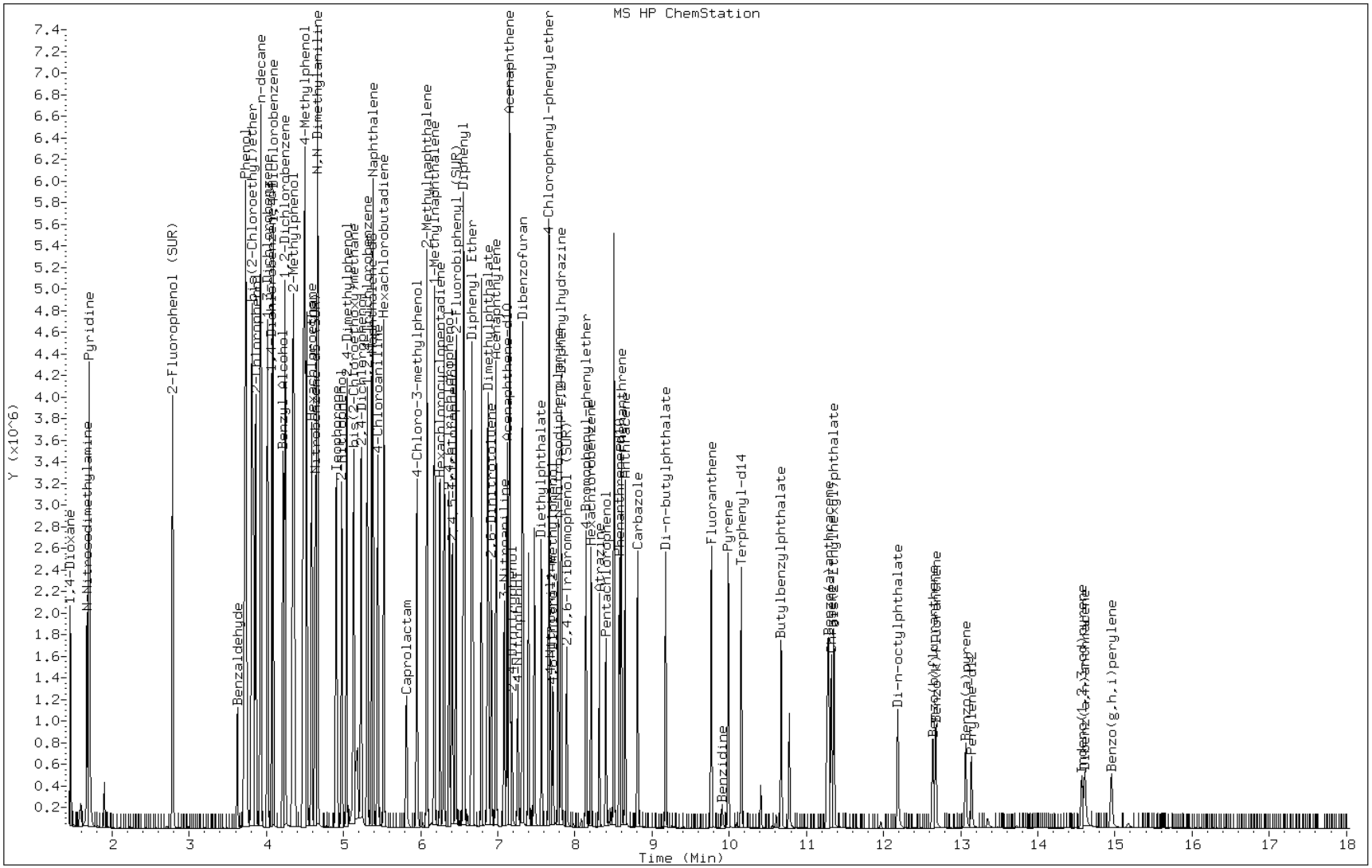
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	48 4-Nitroaniline	138	7.683	7.683	(1.079)	239455	50.0000	50
	13 4,6-Dinitro-2-methylphenol	198	7.719	7.719	(0.900)	162107	50.0000	50
	49 N-Nitrosodiphenylamine	169	7.783	7.783	(0.907)	658951	50.0000	50
	75 1,2-Diphenylhydrazine	77	7.825	7.825	(0.912)	1502664	50.0000	50
$	18 2,4,6-Tribromophenol (SUR)	330	7.895	7.895	(1.109)	169900	50.0000	50
	50 4-Bromophenyl-phenylether	248	8.148	8.148	(0.950)	297939	50.0000	50
	112 Atrazine	200	8.319	8.319	(0.970)	212382	50.0000	50
	51 Hexachlorobenzene	284	8.207	8.207	(0.957)	337374	50.0000	50
	14 Pentachlorophenol	266	8.401	8.401	(0.979)	175781	50.0000	50
*	83 Phenanthrene-d10	188	8.578	8.578	(1.000)	874395	40.0000	
	52 Phenanthrene	178	8.601	8.601	(1.003)	1250097	50.0000	50
	53 Anthracene	178	8.654	8.654	(1.009)	1269493	50.0000	50
	54 Carbazole	167	8.813	8.813	(1.027)	973499	50.0000	50
	55 Di-n-butylphthalate	149	9.172	9.172	(1.069)	1252769	50.0000	50
	56 Fluoranthene	202	9.772	9.772	(1.139)	1042642	50.0000	50
	58 Benzidine	184	9.907	9.907	(1.155)	81969	50.0000	50
	57 Pyrene	202	9.989	9.989	(0.884)	1041735	50.0000	50
$	78 Terphenyl-d14	244	10.154	10.154	(0.899)	738726	50.0000	50
	59 Butylbenzylphthalate	149	10.672	10.672	(0.945)	385720	50.0000	50
	109 2,3,7,8-TCDD (Screen)	320	10.766	10.766	(0.953)	1190	0.50000	0.50
	63 bis(2-Ethylhexyl)phthalate	149	11.354	11.354	(1.005)	485056	50.0000	50
	60 3,3'-Dichlorobenzidine	252	11.260	11.260	(0.997)	182427	50.0000	50
	61 Benzo(a)anthracene	228	11.283	11.283	(0.999)	667064	50.0000	50
*	81 Chrysene-d12	240	11.295	11.295	(1.000)	479680	40.0000	
	62 Chrysene	228	11.324	11.324	(1.003)	651948	50.0000	50
	64 Di-n-octylphthalate	149	12.183	12.183	(0.927)	667806	50.0000	50
	65 Benzo(b)fluoranthene	252	12.642	12.642	(0.962)	507912	50.0000	50
	66 Benzo(k)fluoranthene	252	12.677	12.677	(0.965)	538571	50.0000	50
	67 Benzo(a)pyrene	252	13.065	13.065	(0.994)	432278	50.0000	50
*	84 Perylene-d12	264	13.142	13.142	(1.000)	335133	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.571	14.571	(1.109)	323689	50.0000	50
	69 Dibenz(a,h)anthracene	278	14.612	14.612	(1.112)	366737	50.0000	50
	70 Benzo(g,h,i)perylene	276	14.954	14.954	(1.138)	364580	50.0000	50

Data File: z8504.d

Date: 05-MAR-2010 20:33

Client ID: Instrument: BNAMS11.i

Sample Info: ICIS-376365 Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8505.d
Report Date: 05-Mar-2010 23:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8505.d
Lab Smp Id: IC-376350
Inj Date : 05-MAR-2010 20:57
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-376350
Misc Info : 120 ppm
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 3 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.560	1.560	(0.383)	1361487	120.000	130(A)
	19 N-Nitrosodimethylamine	74	1.808	1.808	(0.443)	1744236	120.000	120(AMH)
	71 Pyridine	79	1.837	1.837	(0.450)	2987534	120.000	130(AM)
$	16 2-Fluorophenol (SUR)	112	2.849	2.849	(0.699)	2498248	120.000	120(A)
	110 Benzaldehyde	77	3.649	3.649	(0.895)	203871	120.000	68
$	17 Phenol-d5 (SUR)	99	3.737	3.737	(0.916)	2404180	120.000	110
	1 Phenol	94	3.754	3.754	(0.921)	2617414	120.000	120
	73 Aniline	93	3.760	3.760	(0.922)	2221284	120.000	95
	20 bis(2-Chloroethyl)ether	93	3.837	3.837	(0.941)	2925855	120.000	130(A)
	113 n-decane	43	3.931	3.931	(0.964)	2701634	120.000	110
	2 2-Chlorophenol	128	3.890	3.890	(0.954)	2123647	120.000	110
	21 1,3-Dichlorobenzene	146	4.031	4.031	(0.988)	2411404	120.000	120
*	79 1,4-Dichlorobenzene-d4	152	4.078	4.078	(1.000)	489380	40.0000	
	22 1,4-Dichlorobenzene	146	4.101	4.101	(1.006)	2326611	120.000	120
	74 Benzyl Alcohol	108	4.231	4.231	(1.038)	1100283	120.000	100

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Report Date: 05-Mar-2010 23:23

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	23 1,2-Dichlorobenzene	146	4.249	4.249	(1.042)	2098587	120.000	120
	3 2-Methylphenol	108	4.354	4.354	(1.068)	1624703	120.000	110
	24 bis (2-chloroisopropyl) ether	45	4.366	4.366	(1.071)	3355681	120.000	110
	4 4-Methylphenol	108	4.531	4.531	(1.111)	1496572	120.000	120(A)
	121 3 & 4 Methylphenol	108	4.531	4.531	(1.111)	1496572	120.000	120(A)
	104 Acetophenone	105	4.507	4.507	(1.105)	2313964	120.000	120
	25 N-Nitroso-di-n-propylamine	70	4.548	4.548	(1.115)	1189151	120.000	110(M)
	26 Hexachloroethane	117	4.590	4.590	(1.125)	1002563	120.000	120
$	76 Nitrobenzene-d5 (SUR)	82	4.649	4.649	(0.866)	2320725	120.000	120
	107 N,N-Dimethylaniline	120	4.678	4.678	(1.147)	2549221	120.000	110
	27 Nitrobenzene	77	4.678	4.678	(0.872)	2519991	120.000	110
	28 Isophorone	82	4.919	4.919	(0.917)	3737042	120.000	120
	6 2,4-Dimethylphenol	122	5.048	5.048	(0.941)	1474391	120.000	110
	5 2-Nitrophenol	139	4.984	4.984	(0.929)	1015122	120.000	120
	29 bis(2-Chloroethoxy)methane	93	5.137	5.137	(0.957)	2206496	120.000	120
	7 2,4-Dichlorophenol	162	5.237	5.237	(0.976)	1210433	120.000	110
	30 1,2,4-Trichlorobenzene	180	5.313	5.313	(0.990)	1608247	120.000	120
*	80 Naphthalene-d8	136	5.366	5.366	(1.000)	1670159	40.0000	
	31 Naphthalene	128	5.390	5.390	(1.004)	4964473	120.000	120
	32 4-Chloroaniline	127	5.448	5.448	(1.015)	1791492	120.000	110
	33 Hexachlorobutadiene	225	5.525	5.525	(1.030)	1077203	120.000	120(A)
	111 Caprolactam	113	5.866	5.866	(1.093)	418490	120.000	120(AH)
	8 4-Chloro-3-methylphenol	107	5.960	5.960	(1.111)	1310224	120.000	120
	34 2-Methylnaphthalene	142	6.084	6.084	(1.134)	2738447	120.000	120
	120 1-Methylnaphthalene	142	6.184	6.184	(1.152)	2679937	120.000	120
	35 Hexachlorocyclopentadiene	237	6.248	6.248	(0.878)	1048463	120.000	120(A)
	9 2,4,6-Trichlorophenol	196	6.378	6.378	(0.896)	786530	120.000	120(A)
	10 2,4,5-Trichlorophenol	196	6.419	6.419	(0.902)	716127	120.000	110
$	77 2-Fluorobiphenyl (SUR)	172	6.460	6.460	(0.907)	2860218	120.000	120
	102 Diphenyl	154	6.560	6.560	(0.922)	3048723	120.000	120
	36 2-Chloronaphthalene	162	6.572	6.572	(0.923)	2200645	120.000	120
	103 Diphenyl Ether	170	6.660	6.660	(0.936)	1581327	120.000	120
	37 2-Nitroaniline	65	6.678	6.678	(0.938)	972283	120.000	110
	38 Dimethylphthalate	163	6.872	6.872	(0.965)	2040208	120.000	120
	114 Coumarin	146	6.884	6.884	(1.283)	650968	120.000	120
	40 2,6-Dinitrotoluene	165	6.925	6.925	(0.973)	498094	120.000	120
	39 Acenaphthylene	152	6.978	6.978	(0.980)	3313554	120.000	120
	41 3-Nitroaniline	138	7.090	7.090	(0.996)	534205	120.000	120
*	82 Acenaphthene-d10	164	7.119	7.119	(1.000)	657786	40.0000	
	42 Acenaphthene	154	7.154	7.154	(1.005)	1912862	120.000	120
	11 2,4-Dinitrophenol	184	7.190	7.190	(1.010)	285043	120.000	120(A)
	12 4-Nitrophenol	65	7.266	7.266	(1.021)	434609	120.000	120
	43 Dibenzofuran	168	7.325	7.325	(1.029)	2606945	120.000	120
	44 2,4-Dinitrotoluene	165	7.325	7.325	(1.029)	499182	120.000	120
	45 Diethylphthalate	149	7.572	7.572	(1.064)	1902317	120.000	120
	46 4-Chlorophenyl-phenylether	204	7.666	7.666	(1.077)	997884	120.000	120
	47 Fluorene	166	7.660	7.660	(1.076)	1953760	120.000	120

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8505.d
Report Date: 05-Mar-2010 23:23

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	48 4-Nitroaniline	138	7.695	7.695	(1.081)	429617	120.000	110
	13 4,6-Dinitro-2-methylphenol	198	7.725	7.725	(0.901)	325299	120.000	120(A)
	49 N-Nitrosodiphenylamine	169	7.789	7.789	(0.908)	1243426	120.000	120
	75 1,2-Diphenylhydrazine	77	7.825	7.825	(0.912)	2829239	120.000	120
$	18 2,4,6-Tribromophenol (SUR)	330	7.901	7.901	(1.110)	337797	120.000	120
	50 4-Bromophenyl-phenylether	248	8.142	8.142	(0.949)	578074	120.000	120(A)
	112 Atrazine	200	8.325	8.325	(0.970)	414274	120.000	120(A)
	51 Hexachlorobenzene	284	8.207	8.207	(0.957)	635909	120.000	120
	14 Pentachlorophenol	266	8.401	8.401	(0.979)	351698	120.000	120(A)
*	83 Phenanthrene-d10	188	8.578	8.578	(1.000)	691100	40.0000	
	52 Phenanthrene	178	8.601	8.601	(1.003)	2315628	120.000	120
	53 Anthracene	178	8.654	8.654	(1.009)	2307611	120.000	120
	54 Carbazole	167	8.813	8.813	(1.027)	1757519	120.000	120
	55 Di-n-butylphthalate	149	9.172	9.172	(1.069)	2295007	120.000	120
	56 Fluoranthene	202	9.766	9.766	(1.139)	1863729	120.000	120
	58 Benzidine	184	9.901	9.901	(1.154)	70265	120.000	75
	57 Pyrene	202	9.989	9.989	(0.885)	1821116	120.000	120(A)
$	78 Terphenyl-d14	244	10.148	10.148	(0.899)	1340535	120.000	120(A)
	59 Butylbenzylphthalate	149	10.666	10.666	(0.945)	684643	120.000	120(A)
	63 bis(2-Ethylhexyl)phthalate	149	11.348	11.348	(1.005)	878838	120.000	120(A)
	60 3,3'-Dichlorobenzidine	252	11.254	11.254	(0.997)	311064	120.000	120(A)
	61 Benzo(a)anthracene	228	11.277	11.277	(0.999)	1205426	120.000	120(A)
*	81 Chrysene-d12	240	11.289	11.289	(1.000)	345679	40.0000	
	62 Chrysene	228	11.319	11.319	(1.003)	1151710	120.000	120(A)
	64 Di-n-octylphthalate	149	12.177	12.177	(0.927)	1303532	120.000	120(A)
	65 Benzo(b)fluoranthene	252	12.630	12.630	(0.962)	954363	120.000	120
	66 Benzo(k)fluoranthene	252	12.672	12.672	(0.965)	1062638	120.000	120(A)
	67 Benzo(a)pyrene	252	13.060	13.060	(0.995)	868488	120.000	120(A)
*	84 Perylene-d12	264	13.130	13.130	(1.000)	266254	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.571	14.571	(1.110)	751286	120.000	130(A)
	69 Dibenz(a,h)anthracene	278	14.607	14.607	(1.112)	776849	120.000	130(A)
	70 Benzo(g,h,i)perylene	276	14.954	14.954	(1.139)	794407	120.000	130(A)

QC Flag Legend

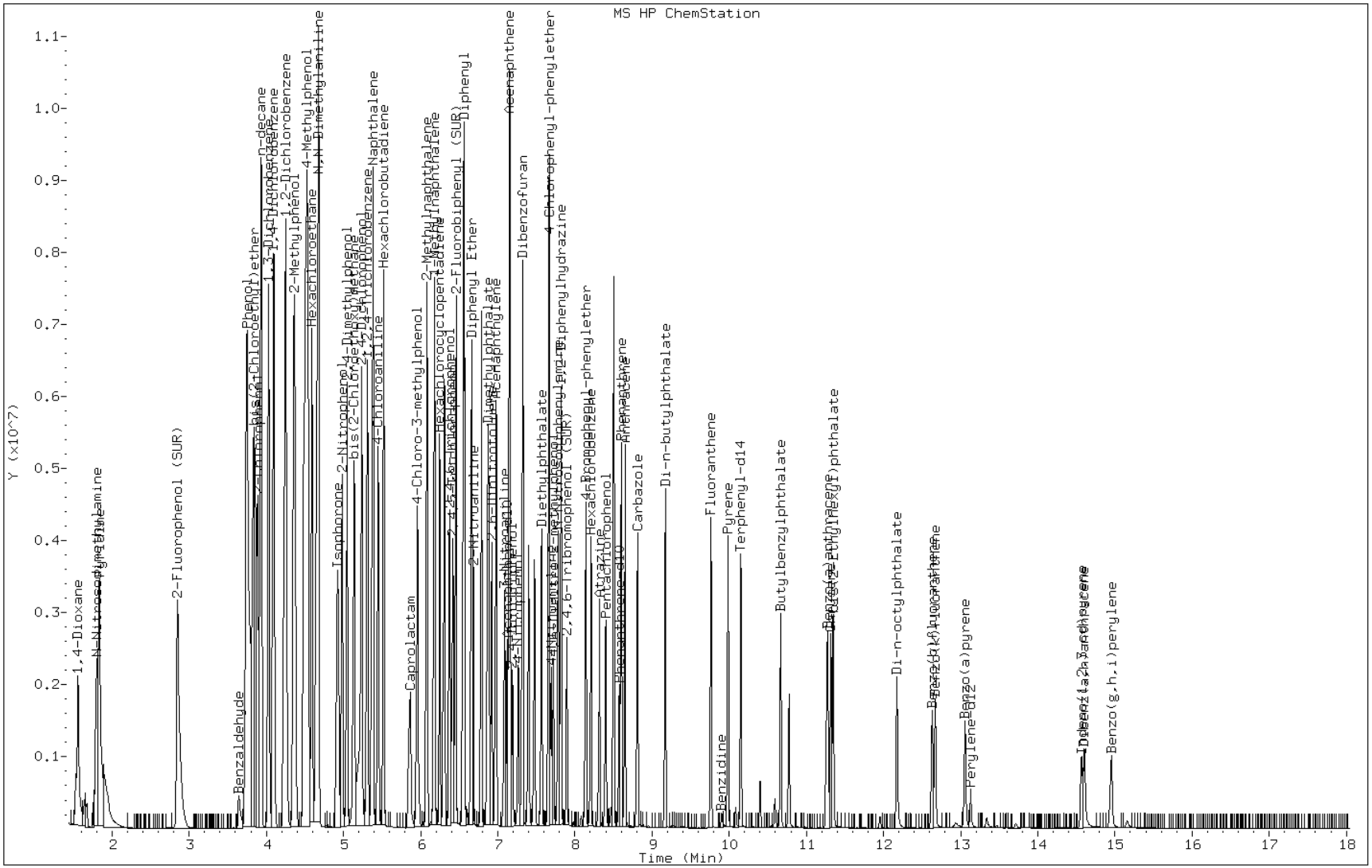
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z8505.d

Date: 05-MAR-2010 20:57

Client ID: Instrument: BNAMS11.i

Sample Info: IC-376350 Operator: BNAMS 4



Manual Integration Report

Data File: z8505.d
Inj. Date and Time: 05-MAR-2010 20:57
Instrument ID: BNAMS11.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 03/09/2010

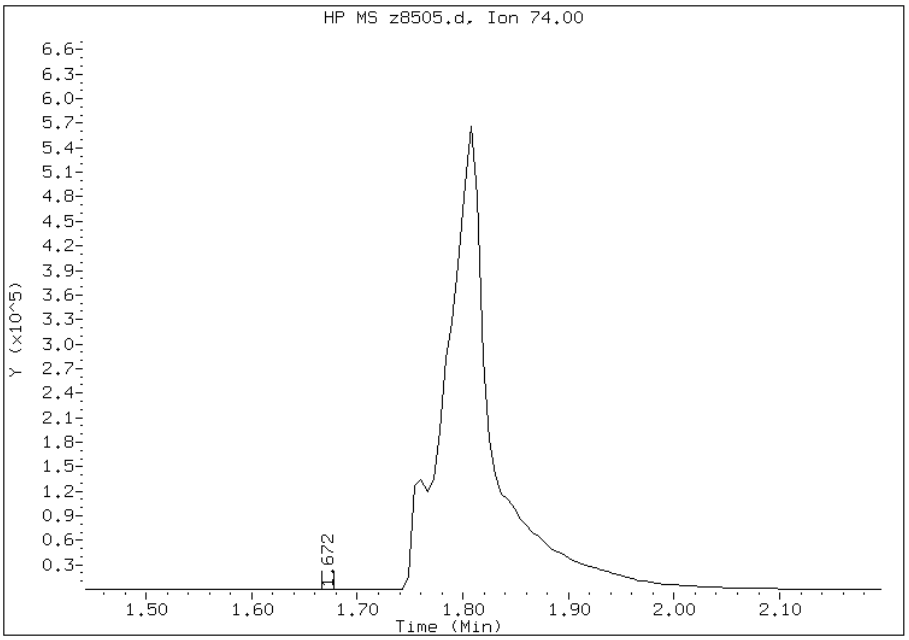
Processing Integration Results

RT: 1.67

Response: 110

Amount: 0

Conc: 0



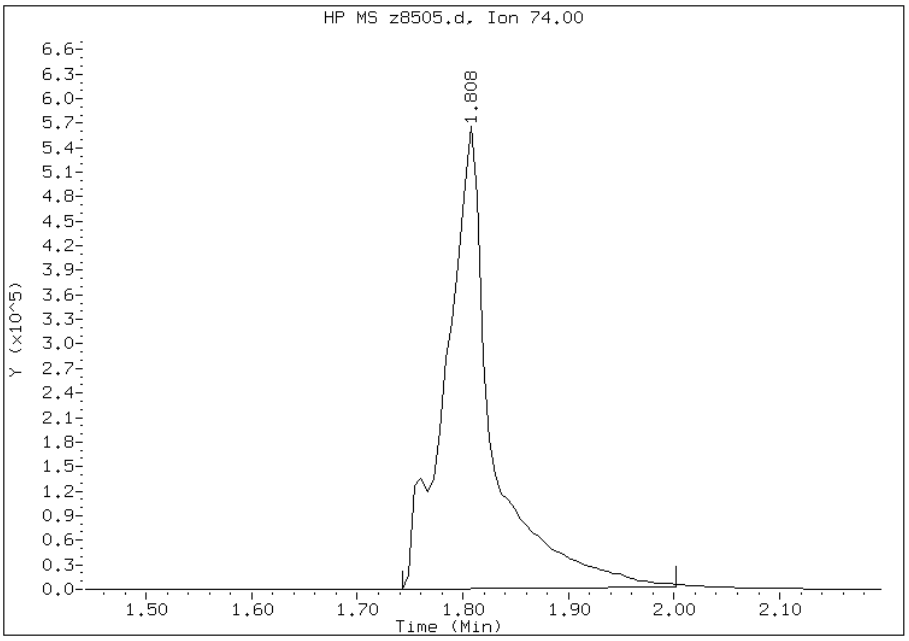
Manual Integration Results

RT: 1.81

Response: 1744236

Amount: 124

Conc: 124



Manually Integrated By: rusin
Manual Integration Reason:

Manual Integration Report

Data File: z8505.d
Inj. Date and Time: 05-MAR-2010 20:57
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 03/09/2010

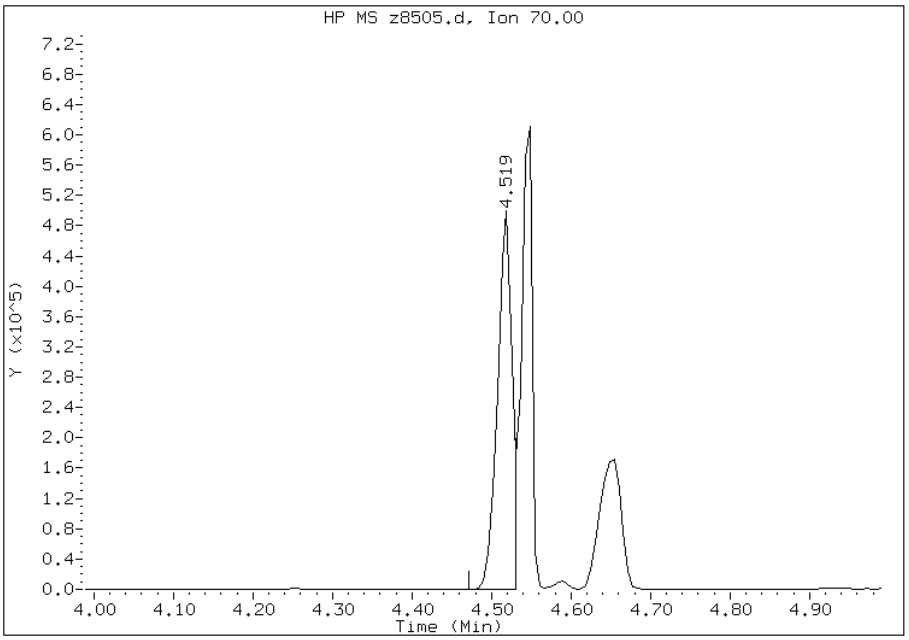
Processing Integration Results

RT: 4.52

Response: 671084

Amount: 70

Conc: 70



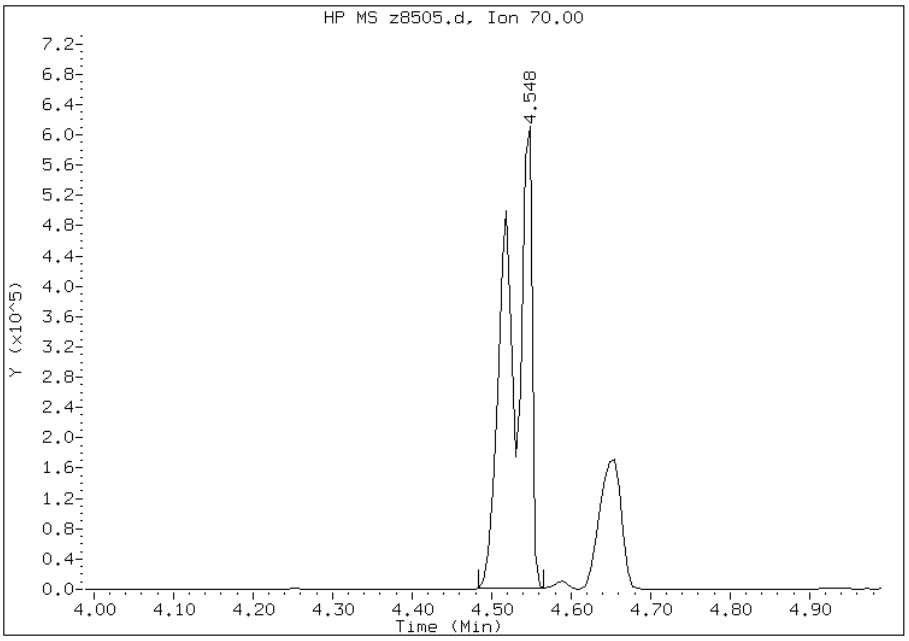
Manual Integration Results

RT: 4.55

Response: 1189151

Amount: 115

Conc: 115



Manually Integrated By: rusin
Manual Integration Reason:

Manual Integration Report

Data File: z8505.d
Inj. Date and Time: 05-MAR-2010 20:57
Instrument ID: BNAMS11.i
Client ID:
Compound: 71 Pyridine
CAS #: 110-86-1
Report Date: 03/09/2010

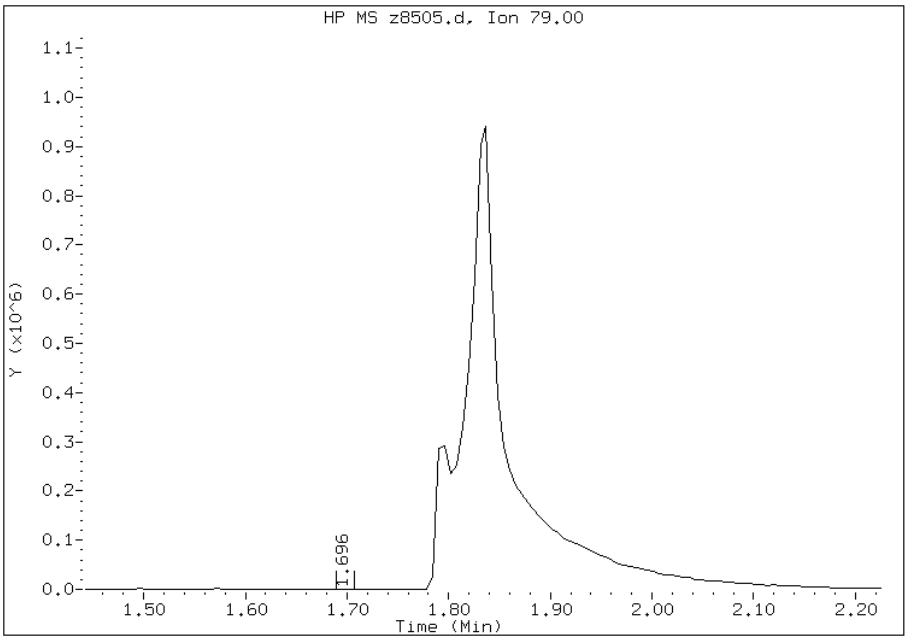
Processing Integration Results

RT: 1.70

Response: 104

Amount: 0

Conc: 0



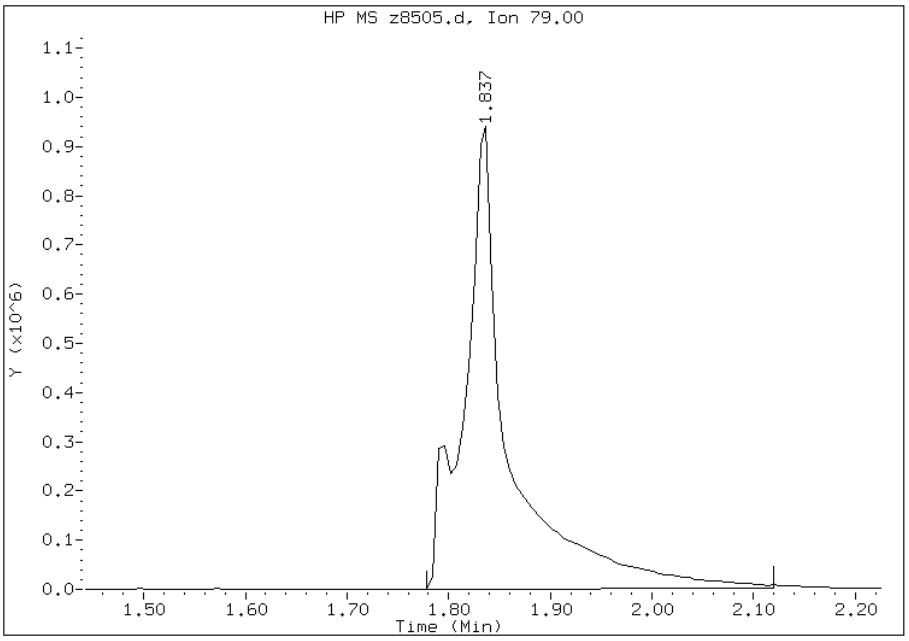
Manual Integration Results

RT: 1.84

Response: 2987534

Amount: 126

Conc: 126



Manually Integrated By: rusin
Manual Integration Reason:

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8506.d
Report Date: 05-Mar-2010 23:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8506.d
Lab Smp Id: IC-376346
Inj Date : 05-MAR-2010 21:21
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-376346
Misc Info : 5 ppm bna4439
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.478	1.478	(0.364)	65034	5.00000	4.7(a)
	19 N-Nitrosodimethylamine	74	1.684	1.684	(0.414)	89107	5.00000	4.8(a)
	71 Pyridine	79	1.719	1.719	(0.423)	164441	5.00000	5.1
$	16 2-Fluorophenol (SUR)	112	2.784	2.784	(0.685)	140490	5.00000	5.1
	110 Benzaldehyde	77	3.619	3.619	(0.890)	118329	5.00000	11
$	17 Phenol-d5 (SUR)	99	3.696	3.696	(0.909)	171057	5.00000	5.6
	1 Phenol	94	3.707	3.707	(0.912)	200508	5.00000	6.0
	73 Aniline	93	3.725	3.725	(0.916)	216212	5.00000	6.1
	20 bis(2-Chloroethyl)ether	93	3.796	3.796	(0.933)	16174	0.50000	0.53
	113 n-decane	43	3.919	3.919	(0.964)	226443	5.00000	6.1
	2 2-Chlorophenol	128	3.849	3.849	(0.946)	146494	5.00000	5.6
	21 1,3-Dichlorobenzene	146	4.007	4.007	(0.986)	153489	5.00000	5.4
*	79 1,4-Dichlorobenzene-d4	152	4.066	4.066	(1.000)	655605	40.0000	
	22 1,4-Dichlorobenzene	146	4.084	4.084	(1.004)	148981	5.00000	5.4
	74 Benzyl Alcohol	108	4.201	4.201	(1.033)	88199	5.00000	5.6

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8506.d
Report Date: 05-Mar-2010 23:23

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	23	1,2-Dichlorobenzene	146	4.237	4.237	(1.042)	147135	5.00000	5.7
	3	2-Methylphenol	108	4.325	4.325	(1.064)	123650	5.00000	5.8
	24	bis (2-chloroisopropyl) ether	45	4.348	4.348	(1.069)	284486	5.00000	6.1
	4	4-Methylphenol	108	4.484	4.484	(1.103)	132950	5.00000	6.7
	121	3 & 4 Methylphenol	108	4.484	4.484	(1.103)	132950	5.00000	6.7
	104	Acetophenone	105	4.472	4.472	(1.100)	176624	5.00000	6.0
	25	N-Nitroso-di-n-propylamine	70	4.478	4.478	(1.101)	9753	0.50000	0.62
	26	Hexachloroethane	117	4.578	4.578	(1.126)	6634	0.50000	0.54
$	76	Nitrobenzene-d5 (SUR)	82	4.619	4.619	(0.863)	154681	5.00000	5.2
	107	N,N-Dimethylaniline	120	4.648	4.648	(1.143)	23246	0.50000	0.66
	27	Nitrobenzene	77	4.643	4.643	(0.867)	23465	0.50000	0.63
	28	Isophorone	82	4.884	4.884	(0.912)	246211	5.00000	5.3
	6	2,4-Dimethylphenol	122	5.025	5.025	(0.938)	112839	5.00000	5.6
	5	2-Nitrophenol	139	4.966	4.966	(0.927)	61015	5.00000	4.9(a)
	29	bis(2-Chloroethoxy)methane	93	5.119	5.119	(0.956)	160453	5.00000	5.6
	7	2,4-Dichlorophenol	162	5.213	5.213	(0.974)	93370	5.00000	5.7
	30	1,2,4-Trichlorobenzene	180	5.301	5.301	(0.990)	11696	0.50000	0.56
*	80	Naphthalene-d8	136	5.354	5.354	(1.000)	2426001	40.0000	
	31	Naphthalene	128	5.372	5.372	(1.003)	367457	5.00000	5.6
	32	4-Chloroaniline	127	5.431	5.431	(1.014)	137971	5.00000	5.6
	33	Hexachlorobutadiene	225	5.519	5.519	(1.031)	13194	1.00000	1.0
	111	Caprolactam	113	5.754	5.754	(1.075)	24081	5.00000	4.9(a)
	8	4-Chloro-3-methylphenol	107	5.937	5.937	(1.109)	93367	5.00000	5.5
	34	2-Methylnaphthalene	142	6.072	6.072	(1.134)	215571	5.00000	5.8
	120	1-Methylnaphthalene	142	6.172	6.172	(1.153)	199992	5.00000	5.6(a)
	35	Hexachlorocyclopentadiene	237	6.242	6.242	(0.878)	52894	5.00000	4.1(a)
	9	2,4,6-Trichlorophenol	196	6.360	6.360	(0.894)	53827	5.00000	5.0
	10	2,4,5-Trichlorophenol	196	6.395	6.395	(0.899)	54566	5.00000	5.1
$	77	2-Fluorobiphenyl (SUR)	172	6.448	6.448	(0.907)	216131	5.00000	5.2
	102	Diphenyl	154	6.542	6.542	(0.920)	241451	5.00000	5.4
	36	2-Chloronaphthalene	162	6.560	6.560	(0.922)	183136	5.00000	5.5
	103	Diphenyl Ether	170	6.648	6.648	(0.935)	118565	5.00000	5.2
	37	2-Nitroaniline	65	6.660	6.660	(0.936)	128018	10.0000	9.3(a)
	38	Dimethylphthalate	163	6.854	6.854	(0.964)	159356	5.00000	5.3
	114	Coumarin	146	6.860	6.860	(1.281)	51316	5.00000	5.8
	40	2,6-Dinitrotoluene	165	6.907	6.907	(0.971)	6236	1.00000	0.91(a)
	39	Acenaphthylene	152	6.966	6.966	(0.979)	264888	5.00000	5.4
	41	3-Nitroaniline	138	7.072	7.072	(0.994)	73288	10.0000	9.7(a)
*	82	Acenaphthene-d10	164	7.113	7.113	(1.000)	1097774	40.0000	
	42	Acenaphthene	154	7.142	7.142	(1.004)	162160	5.00000	5.6
	11	2,4-Dinitrophenol	184	7.172	7.172	(1.008)	34433	15.0000	10(a)
	12	4-Nitrophenol	65	7.248	7.248	(1.019)	77298	15.0000	13(a)
	43	Dibenzofuran	168	7.313	7.313	(1.028)	216385	5.00000	5.5
	44	2,4-Dinitrotoluene	165	7.301	7.301	(1.026)	8078	1.00000	1.1
	45	Diethylphthalate	149	7.554	7.554	(1.062)	146768	5.00000	5.3
	46	4-Chlorophenyl-phenylether	204	7.654	7.654	(1.076)	81240	5.00000	5.5
	47	Fluorene	166	7.648	7.648	(1.075)	163947	5.00000	5.6

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8506.d
Report Date: 05-Mar-2010 23:23

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	48 4-Nitroaniline	138	7.666	7.666	(1.078)	60651	10.0000	9.7(a)
	13 4,6-Dinitro-2-methylphenol	198	7.701	7.701	(0.898)	49117	15.0000	11(a)
	49 N-Nitrosodiphenylamine	169	7.772	7.772	(0.907)	85805	5.00000	4.6(a)
	75 1,2-Diphenylhydrazine	77	7.813	7.813	(0.911)	223431	5.00000	5.0
$	18 2,4,6-Tribromophenol (SUR)	330	7.889	7.889	(1.109)	22441	5.00000	4.8(a)
	50 4-Bromophenyl-phenylether	248	8.136	8.136	(0.949)	41241	5.00000	4.7(a)
	112 Atrazine	200	8.307	8.307	(0.969)	27882	5.00000	4.5(aH)
	51 Hexachlorobenzene	284	8.195	8.195	(0.956)	5028	0.50000	0.50
	14 Pentachlorophenol	266	8.389	8.389	(0.979)	61600	15.0000	12(a)
*	83 Phenanthrene-d10	188	8.572	8.572	(1.000)	1301540	40.0000	
	52 Phenanthrene	178	8.589	8.589	(1.002)	190032	5.00000	5.1
	53 Anthracene	178	8.642	8.642	(1.008)	187691	5.00000	5.0
	54 Carbazole	167	8.801	8.801	(1.027)	142077	5.00000	5.0
	55 Di-n-butylphthalate	149	9.166	9.166	(1.069)	158599	5.00000	4.5(a)
	56 Fluoranthene	202	9.760	9.760	(1.139)	147088	5.00000	4.9(a)
	58 Benzidine	184	9.901	9.901	(1.155)	12576	10.0000	7.8(a)
	57 Pyrene	202	9.978	9.978	(0.884)	144647	5.00000	4.8(a)
$	78 Terphenyl-d14	244	10.142	10.142	(0.899)	104120	5.00000	4.8(a)
	59 Butylbenzylphthalate	149	10.666	10.666	(0.945)	44688	5.00000	4.2(a)
	63 bis(2-Ethylhexyl)phthalate	149	11.342	11.342	(1.005)	54238	5.00000	4.1(a)
	60 3,3'-Dichlorobenzidine	252	11.248	11.248	(0.997)	46911	10.0000	9.2(a)
	61 Benzo(a)anthracene	228	11.272	11.272	(0.999)	15864	0.50000	0.67
*	81 Chrysene-d12	240	11.283	11.283	(1.000)	698290	40.0000	
	62 Chrysene	228	11.313	11.313	(1.003)	84490	5.00000	4.6(a)
	64 Di-n-octylphthalate	149	12.172	12.172	(0.927)	50317	5.00000	3.7(a)
	65 Benzo(b)fluoranthene	252	12.619	12.619	(0.961)	5427	0.50000	0.48(a)
	66 Benzo(k)fluoranthene	252	12.660	12.660	(0.964)	8005	0.50000	0.58
	67 Benzo(a)pyrene	252	13.048	13.048	(0.994)	6379	0.50000	0.58
*	84 Perylene-d12	264	13.130	13.130	(1.000)	385461	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.554	14.554	(1.108)	3742	0.50000	0.47(aM)
	69 Dibenz(a,h)anthracene	278	14.589	14.589	(1.111)	3805	0.50000	0.45(aM)
	70 Benzo(g,h,i)perylene	276	14.936	14.936	(1.138)	31712	5.00000	3.9(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z8506.d

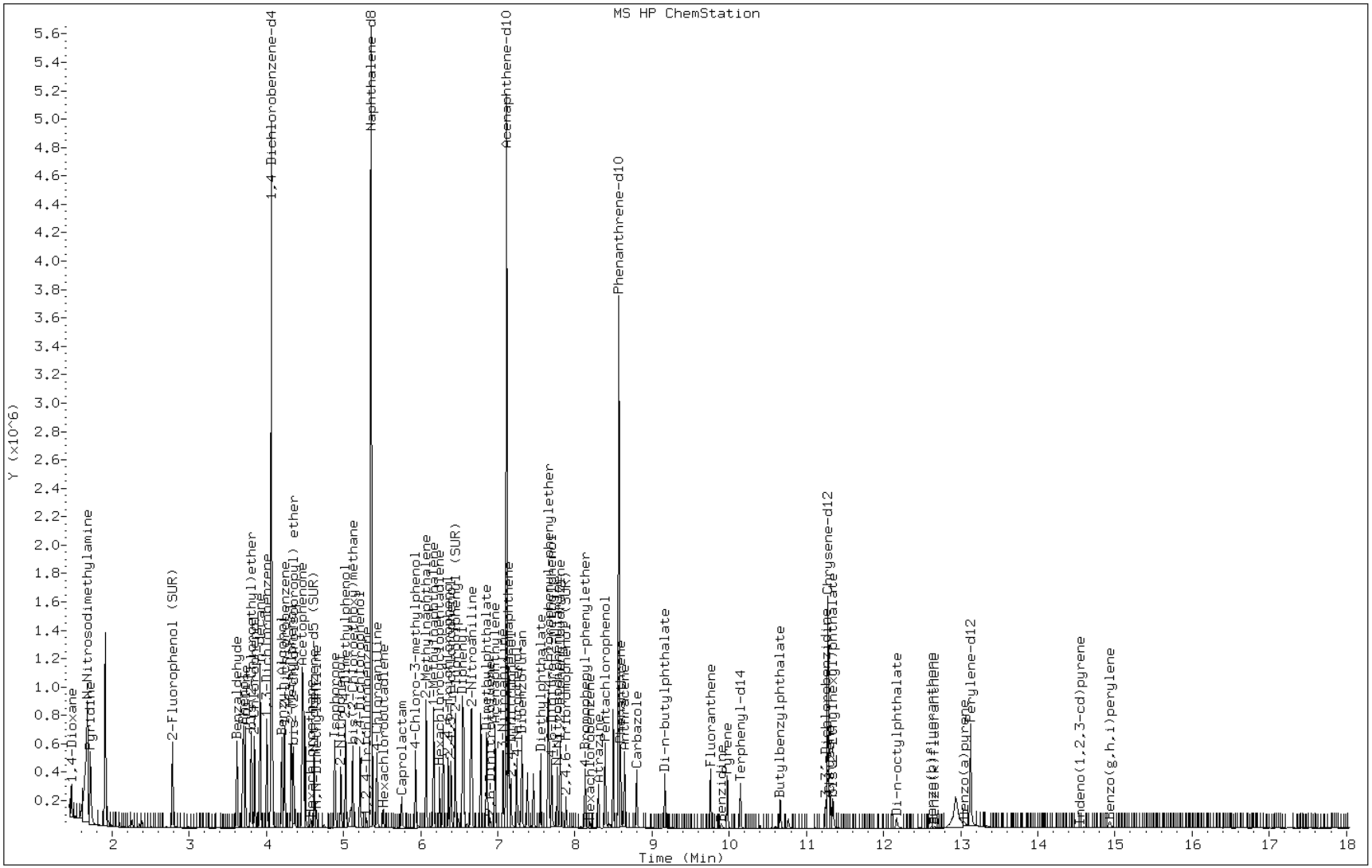
Date: 05-MAR-2010 21:21

Client ID:

Instrument: BNAMS11.i

Sample Info: IC-376346

Operator: BNAMS 4



Manual Integration Report

Data File: z8506.d
Inj. Date and Time: 05-MAR-2010 21:21
Instrument ID: BNAMS11.i
Client ID:
Compound: 69 Dibenz(a,h)anthracene
CAS #: 53-70-3
Report Date: 03/09/2010

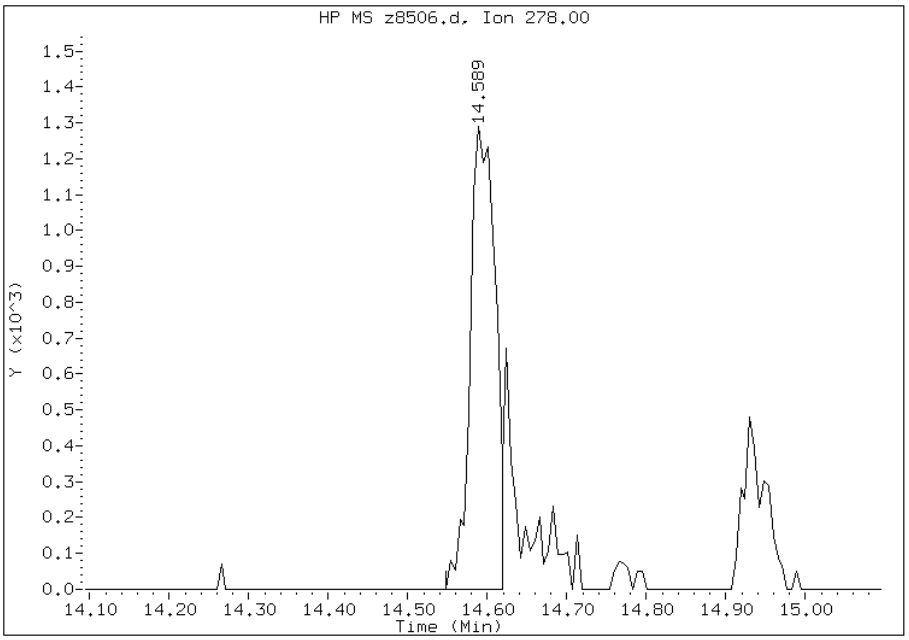
Processing Integration Results

RT: 14.59

Response: 2796

Amount: 0

Conc: 0



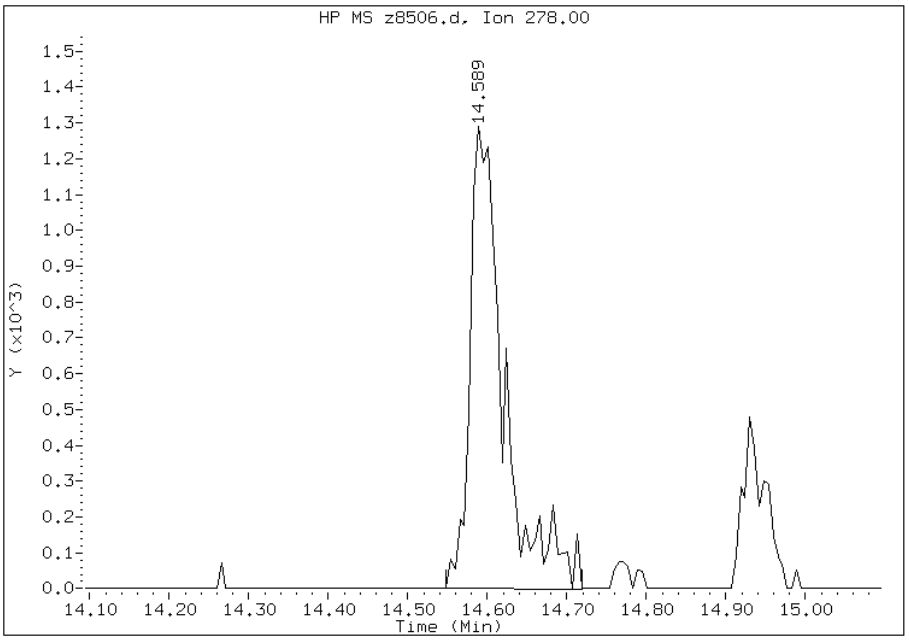
Manual Integration Results

RT: 14.59

Response: 3805

Amount: 0

Conc: 0



Manually Integrated By: rusin
Manual Integration Reason:

Manual Integration Report

Data File: z8506.d
Inj. Date and Time: 05-MAR-2010 21:21
Instrument ID: BNAMS11.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 03/09/2010

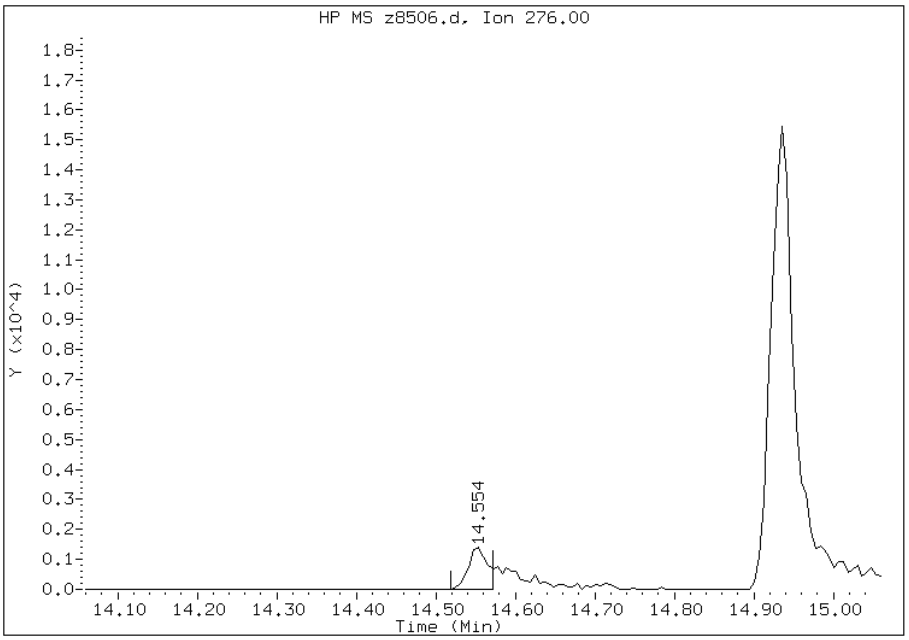
Processing Integration Results

RT: 14.55

Response: 2361

Amount: 0

Conc: 0



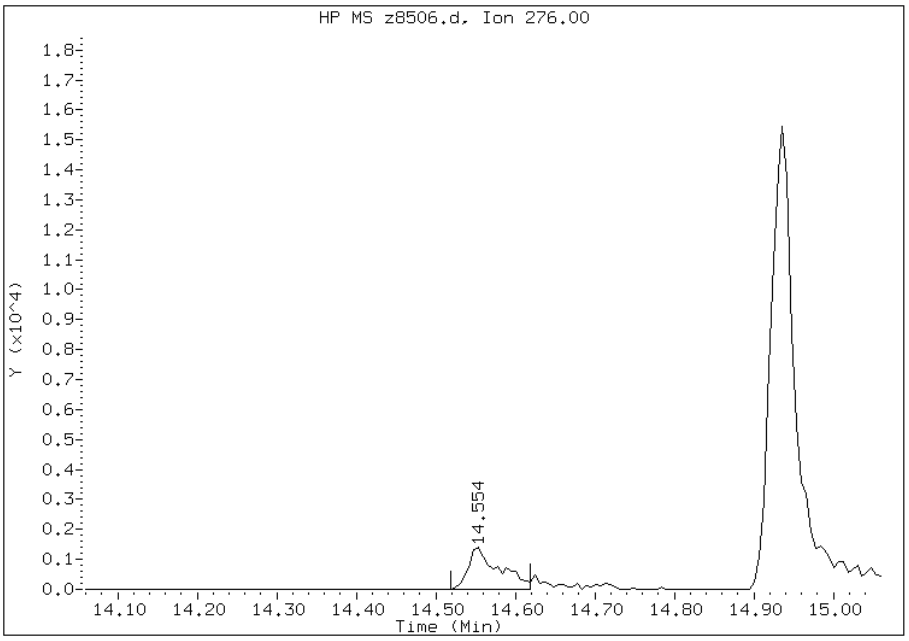
Manual Integration Results

RT: 14.55

Response: 3742

Amount: 0

Conc: 0



Manually Integrated By: rusin
Manual Integration Reason:

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8507.d
Report Date: 05-Mar-2010 23:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8507.d
Lab Smp Id: IC-376349
Inj Date : 05-MAR-2010 21:45
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-376349
Misc Info : 80 ppm bna 4439
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.507	1.507	(0.370)	925371	80.0000	79
	19 N-Nitrosodimethylamine	74	1.737	1.737	(0.426)	1283740	80.0000	80(H)
	71 Pyridine	79	1.760	1.760	(0.432)	2143737	80.0000	78(H)
$	16 2-Fluorophenol (SUR)	112	2.813	2.813	(0.690)	1674994	80.0000	73
	110 Benzaldehyde	77	3.631	3.631	(0.890)	249038	80.0000	33
$	17 Phenol-d5 (SUR)	99	3.737	3.737	(0.916)	1738698	80.0000	69
	1 Phenol	94	3.754	3.754	(0.921)	1729809	80.0000	64
	73 Aniline	93	3.754	3.754	(0.921)	2322243	80.0000	77
	20 bis(2-Chloroethyl)ether	93	3.825	3.825	(0.938)	1752096	80.0000	69
	113 n-decane	43	3.931	3.931	(0.964)	2138871	80.0000	70
	2 2-Chlorophenol	128	3.878	3.878	(0.951)	1548998	80.0000	71
	21 1,3-Dichlorobenzene	146	4.025	4.025	(0.987)	1732788	80.0000	73
*	79 1,4-Dichlorobenzene-d4	152	4.078	4.078	(1.000)	566289	40.0000	
	22 1,4-Dichlorobenzene	146	4.095	4.095	(1.004)	1703185	80.0000	74
	74 Benzyl Alcohol	108	4.231	4.231	(1.038)	1020878	80.0000	77

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8507.d
Report Date: 05-Mar-2010 23:23

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	23 1,2-Dichlorobenzene	146	4.248	4.248	(1.042)	1558174	80.0000	72
	3 2-Methylphenol	108	4.348	4.348	(1.066)	1213058	80.0000	69
	24 bis (2-chloroisopropyl) ether	45	4.366	4.366	(1.071)	2574339	80.0000	67
	4 4-Methylphenol	108	4.519	4.519	(1.108)	1143063	80.0000	70
	121 3 & 4 Methylphenol	108	4.519	4.519	(1.108)	1143063	80.0000	70
	104 Acetophenone	105	4.501	4.501	(1.104)	1767034	80.0000	72
	25 N-Nitroso-di-n-propylamine	70	4.513	4.513	(1.107)	925197	80.0000	70(M)
	26 Hexachloroethane	117	4.589	4.589	(1.125)	743164	80.0000	73
$	76 Nitrobenzene-d5 (SUR)	82	4.648	4.648	(0.866)	1840351	80.0000	79
	107 N,N-Dimethylaniline	120	4.672	4.672	(1.146)	1945586	80.0000	67
	27 Nitrobenzene	77	4.672	4.672	(0.871)	1984909	80.0000	70
	28 Isophorone	82	4.913	4.913	(0.916)	2869213	80.0000	78
	6 2,4-Dimethylphenol	122	5.042	5.042	(0.940)	1100253	80.0000	72
	5 2-Nitrophenol	139	4.984	4.984	(0.929)	736612	80.0000	76
	29 bis(2-Chloroethoxy)methane	93	5.136	5.136	(0.957)	1701292	80.0000	76
	7 2,4-Dichlorophenol	162	5.231	5.231	(0.975)	920693	80.0000	73
	30 1,2,4-Trichlorobenzene	180	5.313	5.313	(0.990)	1216695	80.0000	75
*	80 Naphthalene-d8	136	5.366	5.366	(1.000)	1912542	40.0000	
	31 Naphthalene	128	5.389	5.389	(1.004)	3790829	80.0000	75
	32 4-Chloroaniline	127	5.448	5.448	(1.015)	1411645	80.0000	75
	33 Hexachlorobutadiene	225	5.525	5.525	(1.030)	793693	80.0000	79
	111 Caprolactam	113	5.848	5.848	(1.090)	304243	80.0000	79(H)
	8 4-Chloro-3-methylphenol	107	5.954	5.954	(1.110)	948156	80.0000	73
	34 2-Methylnaphthalene	142	6.083	6.083	(1.134)	2054964	80.0000	73
	120 1-Methylnaphthalene	142	6.183	6.183	(1.152)	1976330	80.0000	72
	35 Hexachlorocyclopentadiene	237	6.248	6.248	(0.878)	782017	80.0000	86
	9 2,4,6-Trichlorophenol	196	6.372	6.372	(0.895)	532164	80.0000	74
	10 2,4,5-Trichlorophenol	196	6.413	6.413	(0.901)	552739	80.0000	77
$	77 2-Fluorobiphenyl (SUR)	172	6.460	6.460	(0.907)	2153537	80.0000	77
	102 Diphenyl	154	6.554	6.554	(0.921)	2206275	80.0000	74
	36 2-Chloronaphthalene	162	6.566	6.566	(0.922)	1685187	80.0000	75
	103 Diphenyl Ether	170	6.660	6.660	(0.936)	1202816	80.0000	78
	37 2-Nitroaniline	65	6.678	6.678	(0.938)	741907	80.0000	79
	38 Dimethylphthalate	163	6.866	6.866	(0.964)	1519070	80.0000	76
	114 Coumarin	146	6.878	6.878	(1.282)	477628	80.0000	71
	40 2,6-Dinitrotoluene	165	6.919	6.919	(0.972)	370562	80.0000	79
	39 Acenaphthylene	152	6.978	6.978	(0.980)	2498617	80.0000	76
	41 3-Nitroaniline	138	7.083	7.083	(0.995)	395115	80.0000	77
*	82 Acenaphthene-d10	164	7.119	7.119	(1.000)	750032	40.0000	
	42 Acenaphthene	154	7.148	7.148	(1.004)	1432884	80.0000	74
	11 2,4-Dinitrophenol	184	7.189	7.189	(1.010)	197106	80.0000	84
	12 4-Nitrophenol	65	7.260	7.260	(1.020)	307770	80.0000	78
	43 Dibenzofuran	168	7.325	7.325	(1.029)	1954915	80.0000	74
	44 2,4-Dinitrotoluene	165	7.319	7.319	(1.028)	367027	80.0000	73
	45 Diethylphthalate	149	7.566	7.566	(1.063)	1389067	80.0000	74
	46 4-Chlorophenyl-phenylether	204	7.666	7.666	(1.077)	717984	80.0000	73
	47 Fluorene	166	7.660	7.660	(1.076)	1440930	80.0000	74

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8507.d
Report Date: 05-Mar-2010 23:23

			QUANT SIG					AMOUNTS	
	Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	48	4-Nitroaniline	138	7.689	7.689	(1.080)	285675	80.0000	70
	13	4,6-Dinitro-2-methylphenol	198	7.719	7.719	(0.900)	222785	80.0000	82
	49	N-Nitrosodiphenylamine	169	7.783	7.783	(0.908)	916463	80.0000	80
	75	1,2-Diphenylhydrazine	77	7.819	7.819	(0.912)	2091774	80.0000	78
$	18	2,4,6-Tribromophenol (SUR)	330	7.895	7.895	(1.109)	241202	80.0000	77
	50	4-Bromophenyl-phenylether	248	8.142	8.142	(0.950)	425372	80.0000	80
	112	Atrazine	200	8.319	8.319	(0.970)	300256	80.0000	80
	51	Hexachlorobenzene	284	8.207	8.207	(0.957)	468795	80.0000	78
	14	Pentachlorophenol	266	8.395	8.395	(0.979)	242642	80.0000	80
*	83	Phenanthrene-d10	188	8.572	8.572	(1.000)	789974	40.0000	
	52	Phenanthrene	178	8.601	8.601	(1.003)	1718889	80.0000	77
	53	Anthracene	178	8.648	8.648	(1.009)	1725643	80.0000	77
	54	Carbazole	167	8.807	8.807	(1.027)	1302934	80.0000	77
	55	Di-n-butylphthalate	149	9.166	9.166	(1.069)	1666290	80.0000	79
	56	Fluoranthene	202	9.766	9.766	(1.139)	1384495	80.0000	77
	58	Benzidine	184	9.901	9.901	(1.155)	54132	80.0000	60
	57	Pyrene	202	9.983	9.983	(0.885)	1372078	80.0000	79
$	78	Terphenyl-d14	244	10.148	10.148	(0.899)	981125	80.0000	78
	59	Butylbenzylphthalate	149	10.666	10.666	(0.945)	521126	80.0000	84
	63	bis(2-Ethylhexyl)phthalate	149	11.342	11.342	(1.005)	663514	80.0000	84
	60	3,3'-Dichlorobenzidine	252	11.254	11.254	(0.997)	242228	80.0000	81(A)
	61	Benzo(a)anthracene	228	11.271	11.271	(0.999)	914877	80.0000	69
*	81	Chrysene-d12	240	11.283	11.283	(1.000)	406253	40.0000	
	62	Chrysene	228	11.313	11.313	(1.003)	869663	80.0000	81
	64	Di-n-octylphthalate	149	12.171	12.171	(0.927)	958471	80.0000	85
	65	Benzo(b)fluoranthene	252	12.630	12.630	(0.962)	731757	80.0000	80
	66	Benzo(k)fluoranthene	252	12.665	12.665	(0.965)	790685	80.0000	73
	67	Benzo(a)pyrene	252	13.054	13.054	(0.994)	635138	80.0000	73
*	84	Perylene-d12	264	13.130	13.130	(1.000)	312076	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	14.565	14.565	(1.109)	559581	80.0000	85
	69	Dibenz(a,h)anthracene	278	14.601	14.601	(1.112)	568006	80.0000	82
	70	Benzo(g,h,i)perylene	276	14.948	14.948	(1.138)	598963	80.0000	88

QC Flag Legend

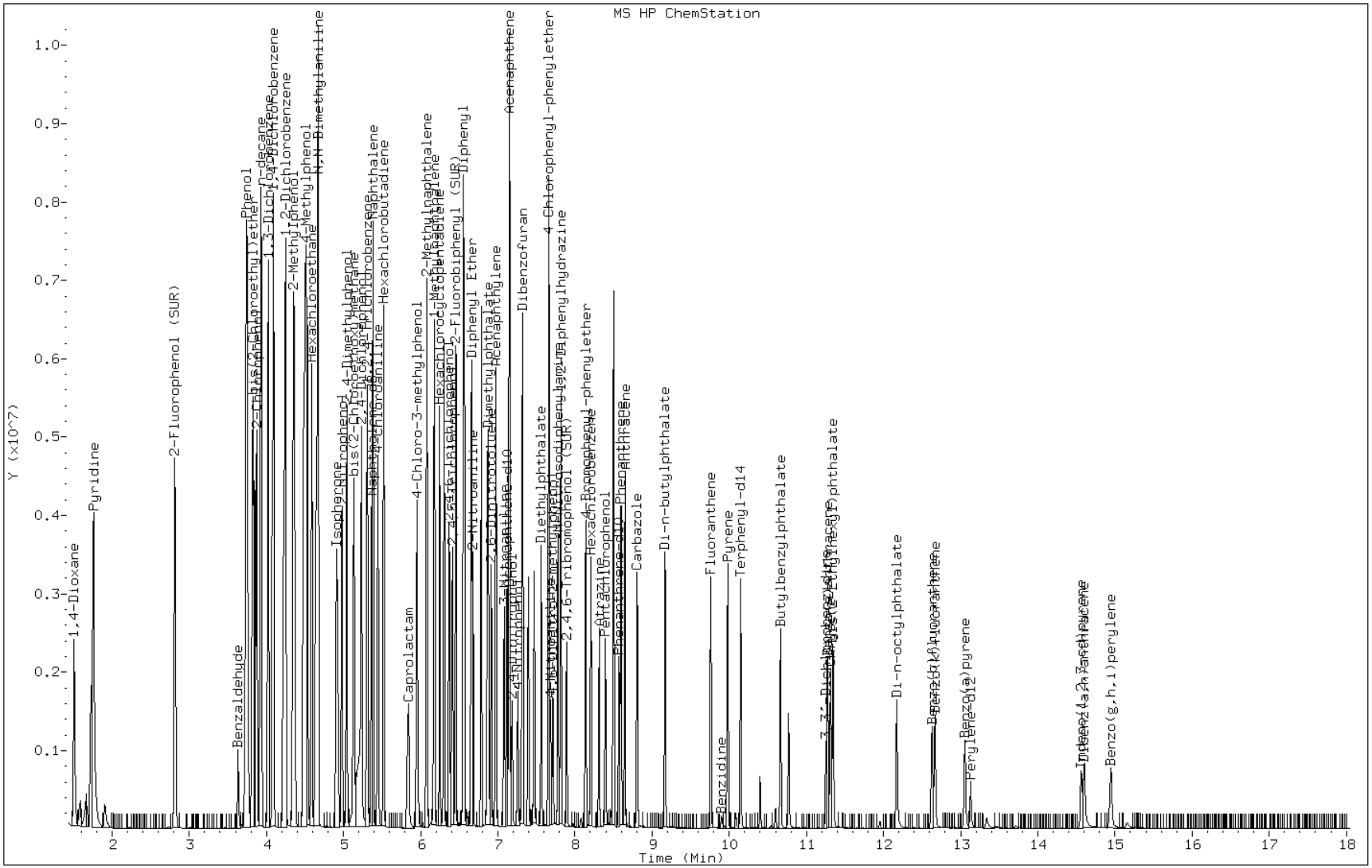
A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z8507.d

Date: 05-MAR-2010 21:45

Client ID: Instrument: BNAMS11.i

Sample Info: IC-376349 Operator: BNAMS 4



Manual Integration Report

Data File: z8507.d
Inj. Date and Time: 05-MAR-2010 21:45
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 03/09/2010

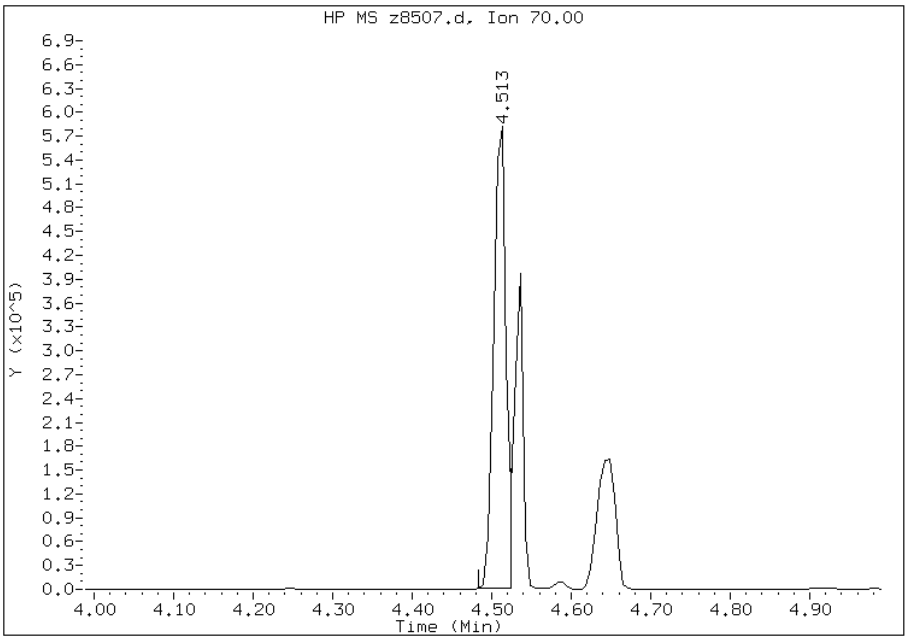
Processing Integration Results

RT: 4.51

Response: 661137

Amount: 54

Conc: 54



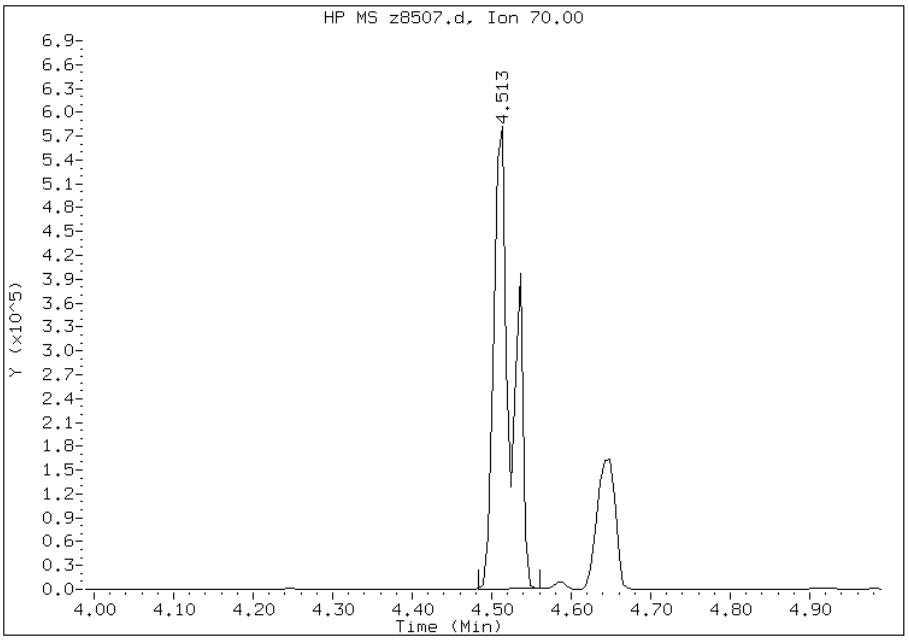
Manual Integration Results

RT: 4.51

Response: 925197

Amount: 71

Conc: 71



Manually Integrated By: rusin
Manual Integration Reason:

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8508.d
Report Date: 05-Mar-2010 23:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8508.d
Lab Smp Id: IC-376347
Inj Date : 05-MAR-2010 22:09
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-376347
Misc Info : 20 ppm bna 4439
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 6 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.490	1.490	(0.366)	363972	20.0000	21
	19 N-Nitrosodimethylamine	74	1.696	1.696	(0.417)	526449	20.0000	22(H)
	71 Pyridine	79	1.725	1.725	(0.424)	878761	20.0000	22(H)
$	16 2-Fluorophenol (SUR)	112	2.790	2.790	(0.686)	790498	20.0000	23
	110 Benzaldehyde	77	3.619	3.619	(0.890)	284797	20.0000	25
$	17 Phenol-d5 (SUR)	99	3.707	3.707	(0.912)	949192	20.0000	25
	1 Phenol	94	3.725	3.725	(0.916)	991135	20.0000	24
	73 Aniline	93	3.737	3.737	(0.919)	1175321	20.0000	26
	20 bis(2-Chloroethyl)ether	93	3.807	3.807	(0.936)	796348	20.0000	22
	113 n-decane	43	3.919	3.919	(0.964)	1056492	20.0000	23
	2 2-Chlorophenol	128	3.860	3.860	(0.949)	788638	20.0000	24
	21 1,3-Dichlorobenzene	146	4.013	4.013	(0.987)	802720	20.0000	23
*	79 1,4-Dichlorobenzene-d4	152	4.066	4.066	(1.000)	803363	40.0000	
	22 1,4-Dichlorobenzene	146	4.084	4.084	(1.004)	752155	20.0000	22
	74 Benzyl Alcohol	108	4.213	4.213	(1.036)	526970	20.0000	26

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8508.d
Report Date: 05-Mar-2010 23:23

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	==========	====	==	======	======	========	=======	=======
23	1,2-Dichlorobenzene	146	4.237	4.237	(1.042)	734219	20.0000	23
3	2-Methylphenol	108	4.337	4.337	(1.067)	672879	20.0000	25
24	bis (2-chloroisopropyl) ether	45	4.354	4.354	(1.071)	1464385	20.0000	25
4	4-Methylphenol	108	4.496	4.496	(1.106)	583807	20.0000	24
121	3 & 4 Methylphenol	108	4.496	4.496	(1.106)	583807	20.0000	24
104	Acetophenone	105	4.484	4.484	(1.103)	850714	20.0000	23
25	N-Nitroso-di-n-propylamine	70	4.490	4.490	(1.104)	461981	20.0000	24
26	Hexachloroethane	117	4.584	4.584	(1.127)	352318	20.0000	23
$ 76	Nitrobenzene-d5 (SUR)	82	4.631	4.631	(0.864)	856698	20.0000	23
107	N,N-Dimethylaniline	120	4.660	4.660	(1.146)	975262	20.0000	23
27	Nitrobenzene	77	4.654	4.654	(0.868)	1021668	20.0000	22
28	Isophorone	82	4.895	4.895	(0.913)	1362577	20.0000	23
6	2,4-Dimethylphenol	122	5.031	5.031	(0.939)	589342	20.0000	24
5	2-Nitrophenol	139	4.972	4.972	(0.928)	361466	20.0000	23
29	bis(2-Chloroethoxy)methane	93	5.125	5.125	(0.956)	827466	20.0000	23
7	2,4-Dichlorophenol	162	5.219	5.219	(0.974)	498963	20.0000	24
30	1,2,4-Trichlorobenzene	180	5.307	5.307	(0.990)	583784	20.0000	22
* 80	Naphthalene-d8	136	5.360	5.360	(1.000)	2963706	40.0000	
31	Naphthalene	128	5.378	5.378	(1.003)	1831684	20.0000	23
32	4-Chloroaniline	127	5.437	5.437	(1.014)	739862	20.0000	24
33	Hexachlorobutadiene	225	5.519	5.519	(1.030)	347008	20.0000	22
111	Caprolactam	113	5.801	5.801	(1.082)	155645	20.0000	24(H)
8	4-Chloro-3-methylphenol	107	5.942	5.942	(1.109)	514100	20.0000	24
34	2-Methylnaphthalene	142	6.078	6.078	(1.134)	1043698	20.0000	23
120	1-Methylnaphthalene	142	6.178	6.178	(1.153)	989761	20.0000	23
35	Hexachlorocyclopentadiene	237	6.248	6.248	(0.878)	327271	20.0000	21
9	2,4,6-Trichlorophenol	196	6.366	6.366	(0.895)	287977	20.0000	23
10	2,4,5-Trichlorophenol	196	6.401	6.401	(0.900)	298010	20.0000	23
$ 77	2-Fluorobiphenyl (SUR)	172	6.448	6.448	(0.907)	1093196	20.0000	22
102	Diphenyl	154	6.548	6.548	(0.921)	1183694	20.0000	23
36	2-Chloronaphthalene	162	6.560	6.560	(0.922)	890609	20.0000	23
103	Diphenyl Ether	170	6.654	6.654	(0.935)	617555	20.0000	23
37	2-Nitroaniline	65	6.666	6.666	(0.937)	400400	20.0000	24
38	Dimethylphthalate	163	6.860	6.860	(0.964)	811048	20.0000	23
114	Coumarin	146	6.872	6.872	(1.282)	254770	20.0000	23
40	2,6-Dinitrotoluene	165	6.913	6.913	(0.972)	196434	20.0000	24
39	Acenaphthylene	152	6.972	6.972	(0.980)	1327532	20.0000	23
41	3-Nitroaniline	138	7.078	7.078	(0.995)	216623	20.0000	24
* 82	Acenaphthene-d10	164	7.113	7.113	(1.000)	1274228	40.0000	
42	Acenaphthene	154	7.142	7.142	(1.004)	756486	20.0000	22
11	2,4-Dinitrophenol	184	7.178	7.178	(1.009)	151017	30.0000	36
12	4-Nitrophenol	65	7.254	7.254	(1.020)	248809	30.0000	36
43	Dibenzofuran	168	7.319	7.319	(1.029)	1067176	20.0000	23
44	2,4-Dinitrotoluene	165	7.307	7.307	(1.027)	214700	20.0000	24
45	Diethylphthalate	149	7.560	7.560	(1.063)	759871	20.0000	23
46	4-Chlorophenyl-phenylether	204	7.660	7.660	(1.077)	378532	20.0000	22
47	Fluorene	166	7.654	7.654	(1.076)	777911	20.0000	23

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8508.d
Report Date: 05-Mar-2010 23:23

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	48 4-Nitroaniline	138	7.678	7.678	(1.079)	182537	20.0000	25
	13 4,6-Dinitro-2-methylphenol	198	7.707	7.707	(0.899)	183908	30.0000	34
	49 N-Nitrosodiphenylamine	169	7.778	7.778	(0.907)	510656	20.0000	23
	75 1,2-Diphenylhydrazine	77	7.813	7.813	(0.911)	1175255	20.0000	22
$	18 2,4,6-Tribromophenol (SUR)	330	7.889	7.889	(1.109)	131204	20.0000	23
	50 4-Bromophenyl-phenylether	248	8.136	8.136	(0.949)	228633	20.0000	22
	112 Atrazine	200	8.313	8.313	(0.970)	172654	20.0000	23
	51 Hexachlorobenzene	284	8.201	8.201	(0.957)	258442	20.0000	22
	14 Pentachlorophenol	266	8.395	8.395	(0.979)	199402	30.0000	34
*	83 Phenanthrene-d10	188	8.572	8.572	(1.000)	1499278	40.0000	
	52 Phenanthrene	178	8.595	8.595	(1.003)	976631	20.0000	22
	53 Anthracene	178	8.642	8.642	(1.008)	997154	20.0000	23
	54 Carbazole	167	8.807	8.807	(1.027)	757047	20.0000	23
	55 Di-n-butylphthalate	149	9.166	9.166	(1.069)	963464	20.0000	23
	56 Fluoranthene	202	9.760	9.760	(1.139)	804715	20.0000	23
	58 Benzidine	184	9.895	9.895	(1.154)	177903	30.0000	70
	57 Pyrene	202	9.983	9.983	(0.885)	784204	20.0000	22
$	78 Terphenyl-d14	244	10.148	10.148	(0.899)	565609	20.0000	22
	59 Butylbenzylphthalate	149	10.666	10.666	(0.945)	282931	20.0000	22
	63 bis(2-Ethylhexyl)phthalate	149	11.342	11.342	(1.005)	351719	20.0000	22
	60 3,3'-Dichlorobenzidine	252	11.248	11.248	(0.997)	209414	30.0000	34
	61 Benzo(a)anthracene	228	11.272	11.272	(0.999)	478846	20.0000	18
*	81 Chrysene-d12	240	11.283	11.283	(1.000)	811060	40.0000	
	62 Chrysene	228	11.313	11.313	(1.003)	456208	20.0000	21
	64 Di-n-octylphthalate	149	12.171	12.171	(0.927)	458787	20.0000	22
	65 Benzo(b)fluoranthene	252	12.624	12.624	(0.961)	330105	20.0000	20
	66 Benzo(k)fluoranthene	252	12.660	12.660	(0.964)	390102	20.0000	20
	67 Benzo(a)pyrene	252	13.048	13.048	(0.994)	299059	20.0000	20
*	84 Perylene-d12	264	13.130	13.130	(1.000)	547247	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.560	14.560	(1.109)	197024	20.0000	18
	69 Dibenz(a,h)anthracene	278	14.595	14.595	(1.112)	198269	20.0000	17
	70 Benzo(g,h,i)perylene	276	14.942	14.942	(1.138)	231015	20.0000	20

QC Flag Legend

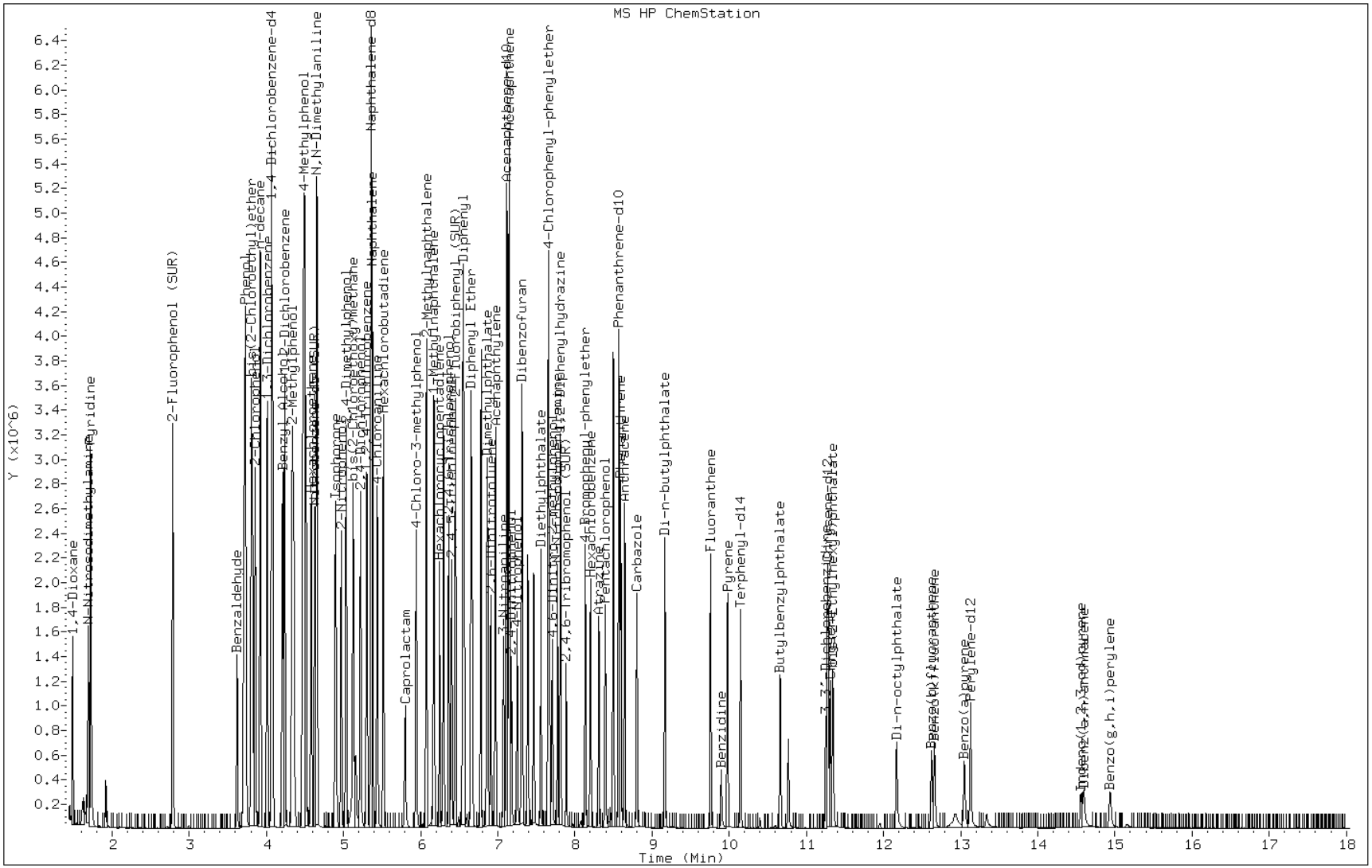
H - Operator selected an alternate compound hit.

Data File: z8508.d

Date: 05-MAR-2010 22:09

Client ID: Instrument: BNAMS11.i

Sample Info: IC-376347 Operator: BNAMS 4



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 31833

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2010 12:03 Calibration End Date: 03/09/2010 13:41 Calibration ID: 5329

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-31833/4	z8584.d
Level 2	IC 460-31833/6	z8586.d
Level 3	ICIS 460-31833/2	z8582.d
Level 4	IC 460-31833/5	z8585.d
Level 5	IC 460-31833/3	z8583.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzaldehyde	1.8189	1.6287	1.4573	1.3598	1.2549	Ave		1.5039				14.9					
Nitrobenzene-d5 (Surr)	0.5461	0.5379	0.4924	0.4504	0.4323	Ave		0.4918				10.3					
2-Fluorobiphenyl	1.6635	1.5099	1.2808	1.2846	1.2626	Ave		1.4003				12.8					
Terphenyl-d14 (Surr)	1.3011	1.2383	1.0998	1.0338	1.0473	Ave		1.1441				10.4					

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 31833

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2010 12:03 Calibration End Date: 03/09/2010 13:41 Calibration ID: 5329

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-31833/4	z8584.d
Level 2	IC 460-31833/6	z8586.d
Level 3	ICIS 460-31833/2	z8582.d
Level 4	IC 460-31833/5	z8585.d
Level 5	IC 460-31833/3	z8583.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Benzaldehyde	DCB	Ave	175694	627263	1190686	1772045	2490474	5.00	20.0	50.0	80.0	120
Nitrobenzene-d5 (Surr)	NPT	Ave	204232	784072	1519027	2255915	3223026	5.00	20.0	50.0	80.0	120
2-Fluorobiphenyl	ANT	Ave	295720	1043400	1925625	3007796	4458319	5.00	20.0	50.0	80.0	120
Terphenyl-d14 (Surr)	CRY	Ave	140426	476573	1051412	1574857	2317921	5.00	20.0	50.0	80.0	120

Curve Type Legend:
Ave = Average ISTD

Data File: /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/z8582.d
Report Date: 10-Mar-2010 10:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/z8582.d
Lab Smp Id: ICIS-396218
Inj Date : 09-MAR-2010 12:03
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : ICIS-396218
Misc Info : 50ppm 4446
Comment :
Method : /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/8270del_Benz.m
Meth Date : 10-Mar-2010 10:07 croccom Quant Type: ISTD
Cal Date : 09-MAR-2010 12:03 Cal File: z8582.d
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

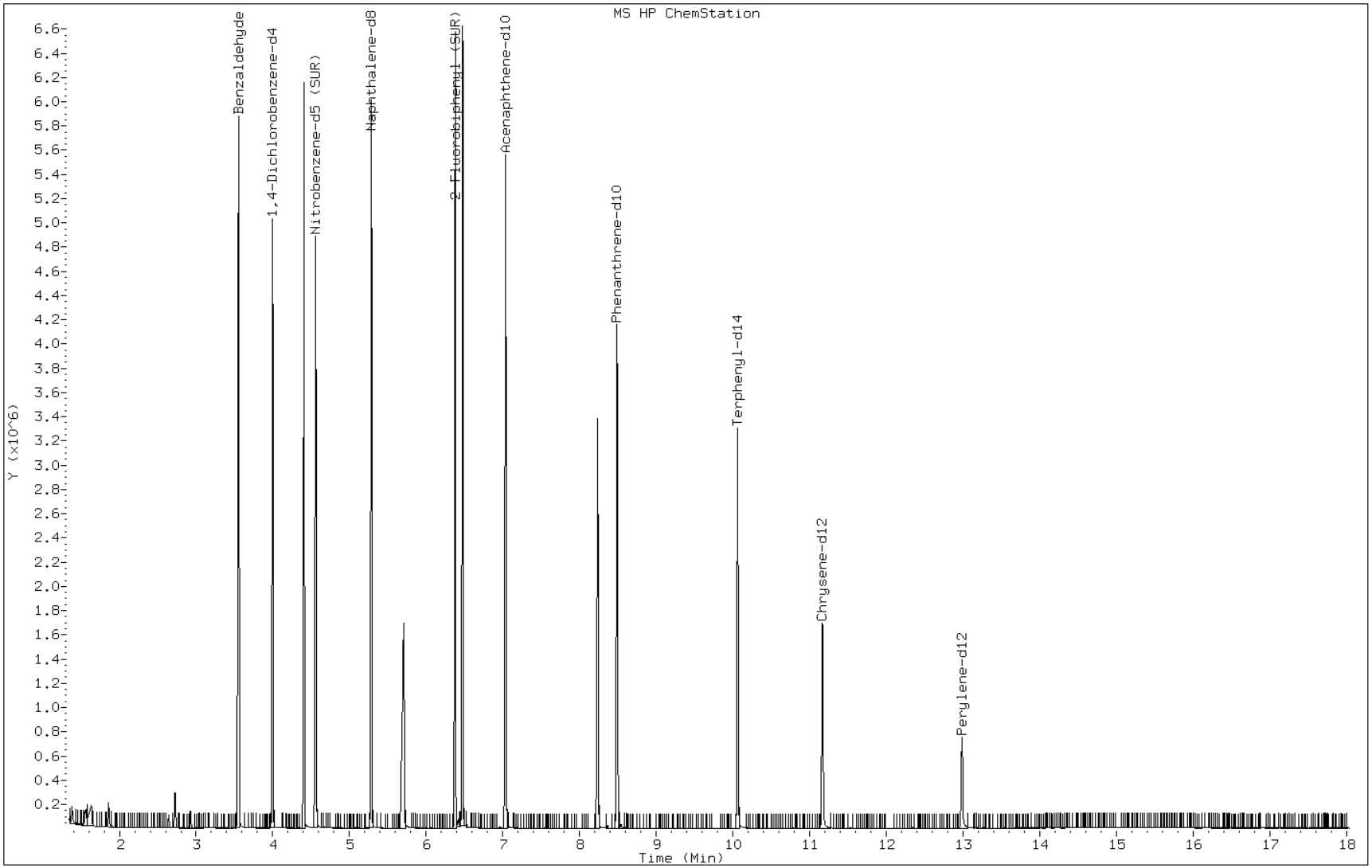
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
110 Benzaldehyde	77	3.554	3.554	(0.890)	1190686	50.0000	48
* 79 1,4-Dichlorobenzene-d4	152	3.995	3.995	(1.000)	653640	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.560	4.560	(0.863)	1519027	50.0000	50
* 80 Naphthalene-d8	136	5.284	5.284	(1.000)	2467937	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.378	6.378	(0.906)	1925625	50.0000	46
* 82 Acenaphthene-d10	164	7.036	7.036	(1.000)	1202762	40.0000	
* 83 Phenanthrene-d10	188	8.489	8.489	(1.000)	1524206	40.0000	
$ 78 Terphenyl-d14	244	10.066	10.066	(0.901)	1051412	50.0000	48
* 81 Chrysene-d12	240	11.171	11.171	(1.000)	764795	40.0000	
* 84 Perylene-d12	264	12.989	12.989	(1.000)	434489	40.0000	

Data File: z8582.d

Date: 09-MAR-2010 12:03

Client ID: Instrument: BNAMS11.i

Sample Info: ICIS-396218 Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/z8583.d
Report Date: 10-Mar-2010 10:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/z8583.d
Lab Smp Id: IC-396216
Inj Date : 09-MAR-2010 12:27
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-396216
Misc Info : 120ppm 4446
Comment :
Method : /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/8270del_Benz.m
Meth Date : 10-Mar-2010 10:07 croccom Quant Type: ISTD
Cal Date : 09-MAR-2010 12:03 Cal File: z8582.d
Als bottle: 8 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

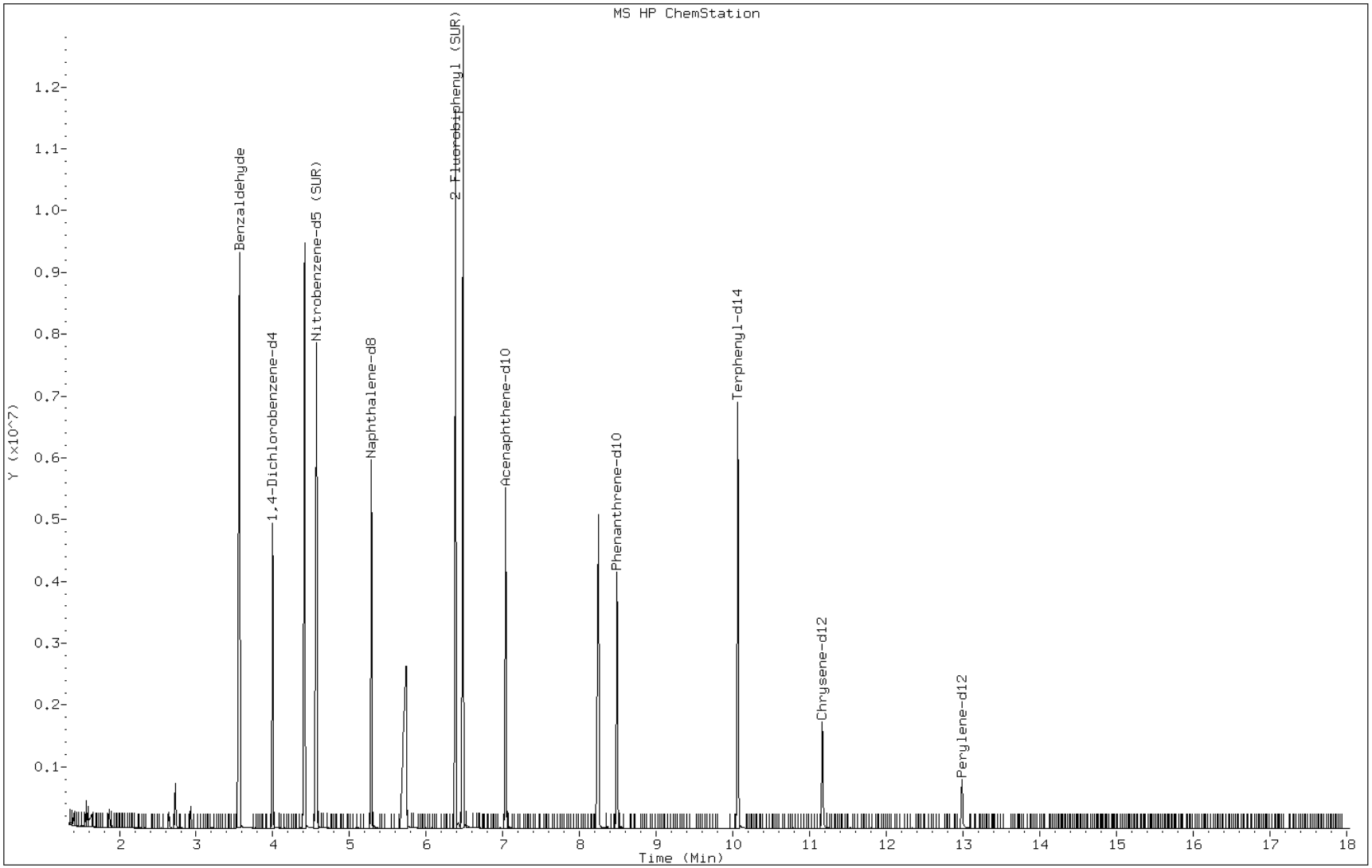
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
110 Benzaldehyde	77	3.566	3.566	(0.893)	2490474	120.000	100
* 79 1,4-Dichlorobenzene-d4	152	3.995	3.995	(1.000)	661518	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.572	4.572	(0.865)	3223026	120.000	100
* 80 Naphthalene-d8	136	5.284	5.284	(1.000)	2485063	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.383	6.383	(0.907)	4458319	120.000	110
* 82 Acenaphthene-d10	164	7.036	7.036	(1.000)	1177022	40.0000	
* 83 Phenanthrene-d10	188	8.489	8.489	(1.000)	1475355	40.0000	
$ 78 Terphenyl-d14	244	10.066	10.066	(0.901)	2317921	120.000	110
* 81 Chrysene-d12	240	11.166	11.166	(1.000)	737724	40.0000	
* 84 Perylene-d12	264	12.983	12.983	(1.000)	438697	40.0000	

Data File: z8583.d

Date: 09-MAR-2010 12:27

Client ID: Instrument: BNAMS11.i

Sample Info: IC-396216 Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/z8584.d
Report Date: 10-Mar-2010 10:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/z8584.d
Lab Smp Id: IC-396252
Inj Date : 09-MAR-2010 12:52
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-396252
Misc Info : 5ppm 4446
Comment :
Method : /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/8270del_Benz.m
Meth Date : 10-Mar-2010 10:07 croccom Quant Type: ISTD
Cal Date : 09-MAR-2010 12:03 Cal File: z8582.d
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

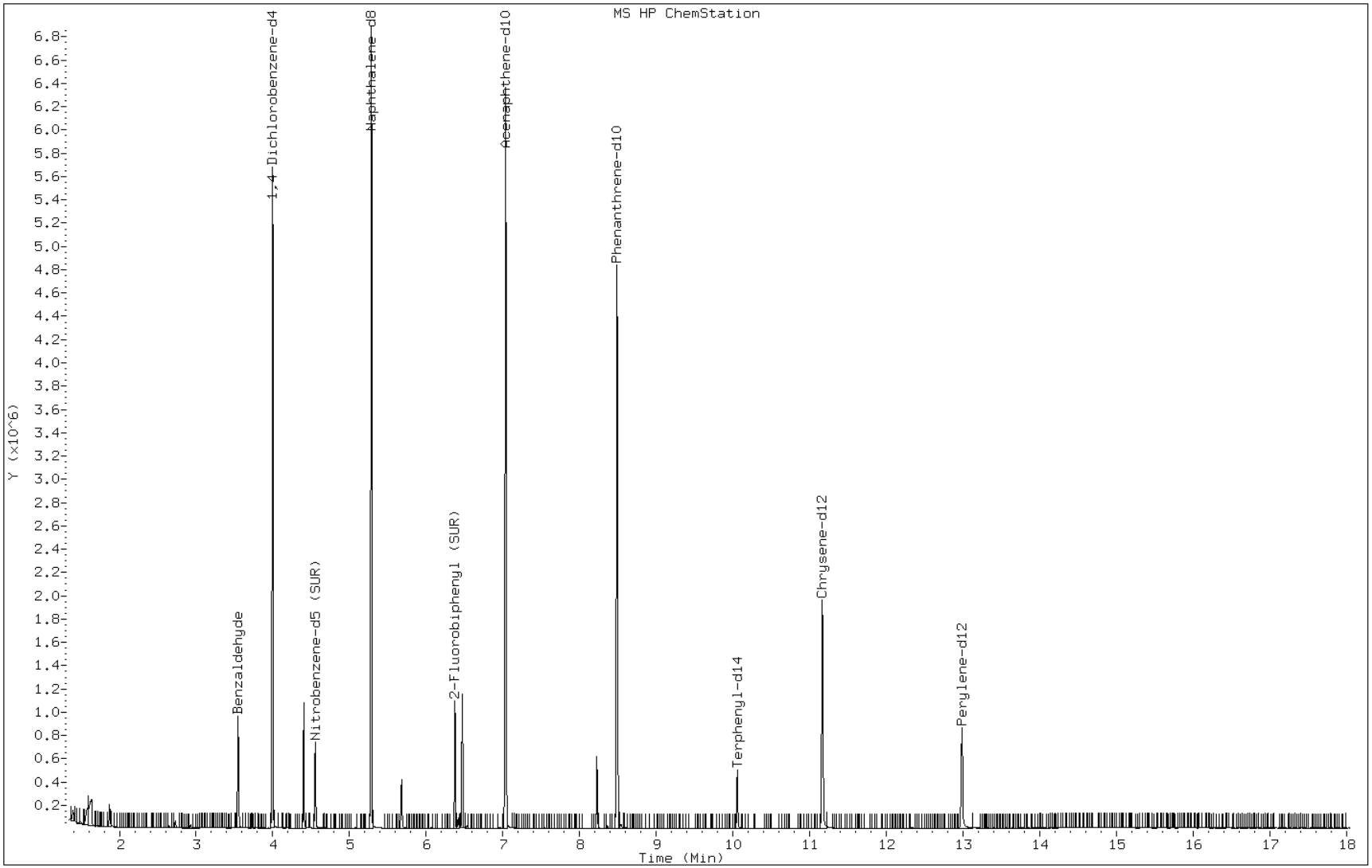
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
110 Benzaldehyde	77	3.548	3.548	(0.888)	175694	5.00000	6.0
* 79 1,4-Dichlorobenzene-d4	152	3.995	3.995	(1.000)	772757	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.554	4.554	(0.862)	204232	5.00000	5.6
* 80 Naphthalene-d8	136	5.284	5.284	(1.000)	2991711	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.372	6.372	(0.906)	295720	5.00000	5.9
* 82 Acenaphthene-d10	164	7.036	7.036	(1.000)	1422142	40.0000	
* 83 Phenanthrene-d10	188	8.489	8.489	(1.000)	1798627	40.0000	
$ 78 Terphenyl-d14	244	10.060	10.060	(0.901)	140426	5.00000	5.7
* 81 Chrysene-d12	240	11.166	11.166	(1.000)	863451	40.0000	
* 84 Perylene-d12	264	12.983	12.983	(1.000)	478167	40.0000	

Data File: z8584.d

Date: 09-MAR-2010 12:52

Client ID: Instrument: BNAMS11.i

Sample Info: IC-396252 Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/z8585.d
Report Date: 10-Mar-2010 10:08

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/z8585.d
Lab Smp Id: IC-396217
Inj Date : 09-MAR-2010 13:16
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-396217
Misc Info : 80ppm 4446
Comment :
Method : /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/8270del_Benz.m
Meth Date : 10-Mar-2010 10:07 croccom Quant Type: ISTD
Cal Date : 09-MAR-2010 12:03 Cal File: z8582.d
Als bottle: 10 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

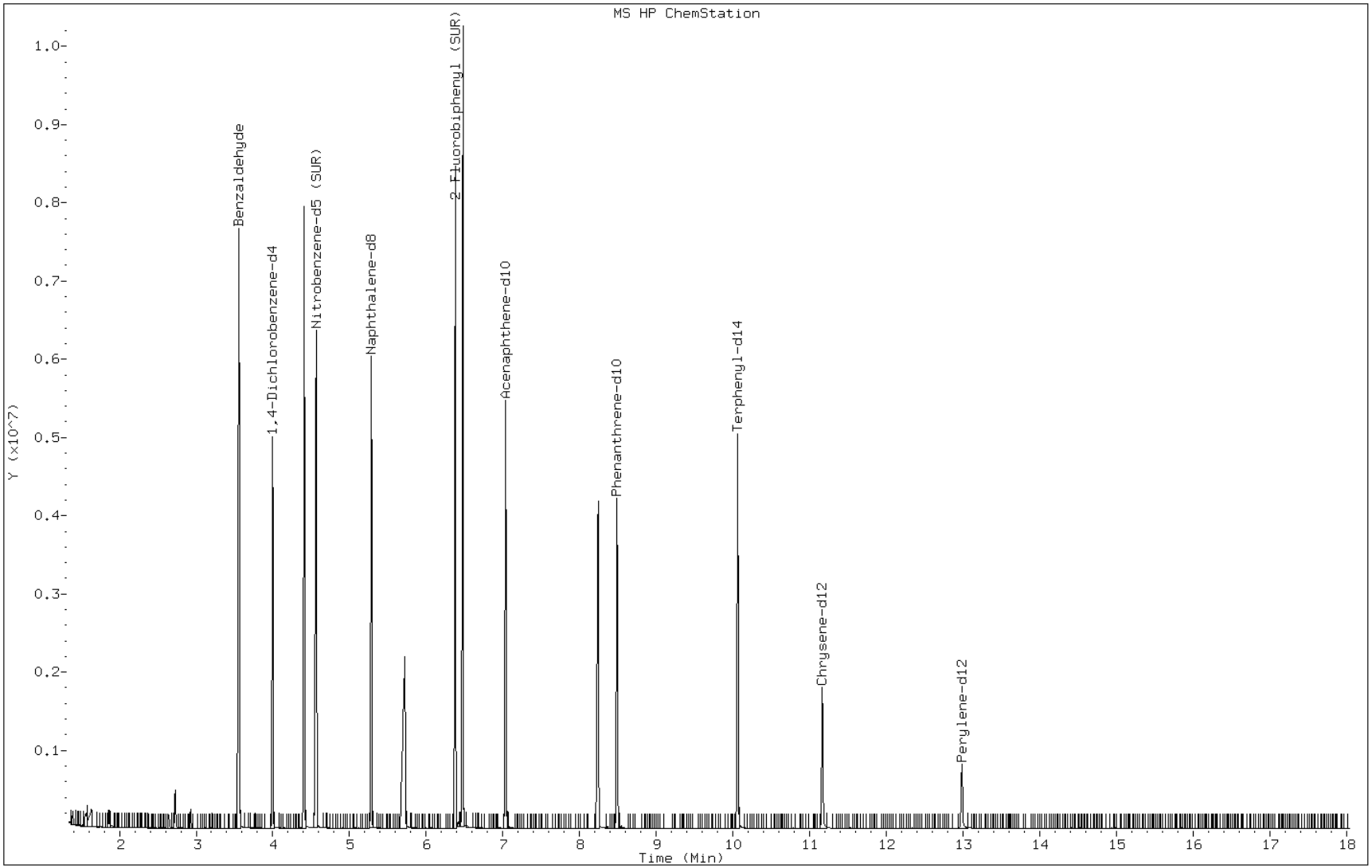
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
110 Benzaldehyde	77	3.560	3.560	(0.891)	1772045	80.0000	72
* 79 1,4-Dichlorobenzene-d4	152	3.995	3.995	(1.000)	651567	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.566	4.566	(0.864)	2255915	80.0000	73
* 80 Naphthalene-d8	136	5.284	5.284	(1.000)	2504489	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.383	6.383	(0.907)	3007796	80.0000	73
* 82 Acenaphthene-d10	164	7.036	7.036	(1.000)	1170749	40.0000	
* 83 Phenanthrene-d10	188	8.489	8.489	(1.000)	1473842	40.0000	
$ 78 Terphenyl-d14	244	10.066	10.066	(0.901)	1574857	80.0000	72
* 81 Chrysene-d12	240	11.165	11.165	(1.000)	761650	40.0000	
* 84 Perylene-d12	264	12.983	12.983	(1.000)	447255	40.0000	

Data File: z8585.d

Date: 09-MAR-2010 13:16

Client ID: Instrument: BNAMS11.i

Sample Info: IC-396217 Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/z8586.d
Report Date: 10-Mar-2010 10:08

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/z8586.d
Lab Smp Id: IC-396253
Inj Date : 09-MAR-2010 13:41
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-396253
Misc Info : 20ppm 4446
Comment :
Method : /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/8270del_Benz.m
Meth Date : 10-Mar-2010 10:08 croccom Quant Type: ISTD
Cal Date : 09-MAR-2010 12:03 Cal File: z8582.d
Als bottle: 11 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

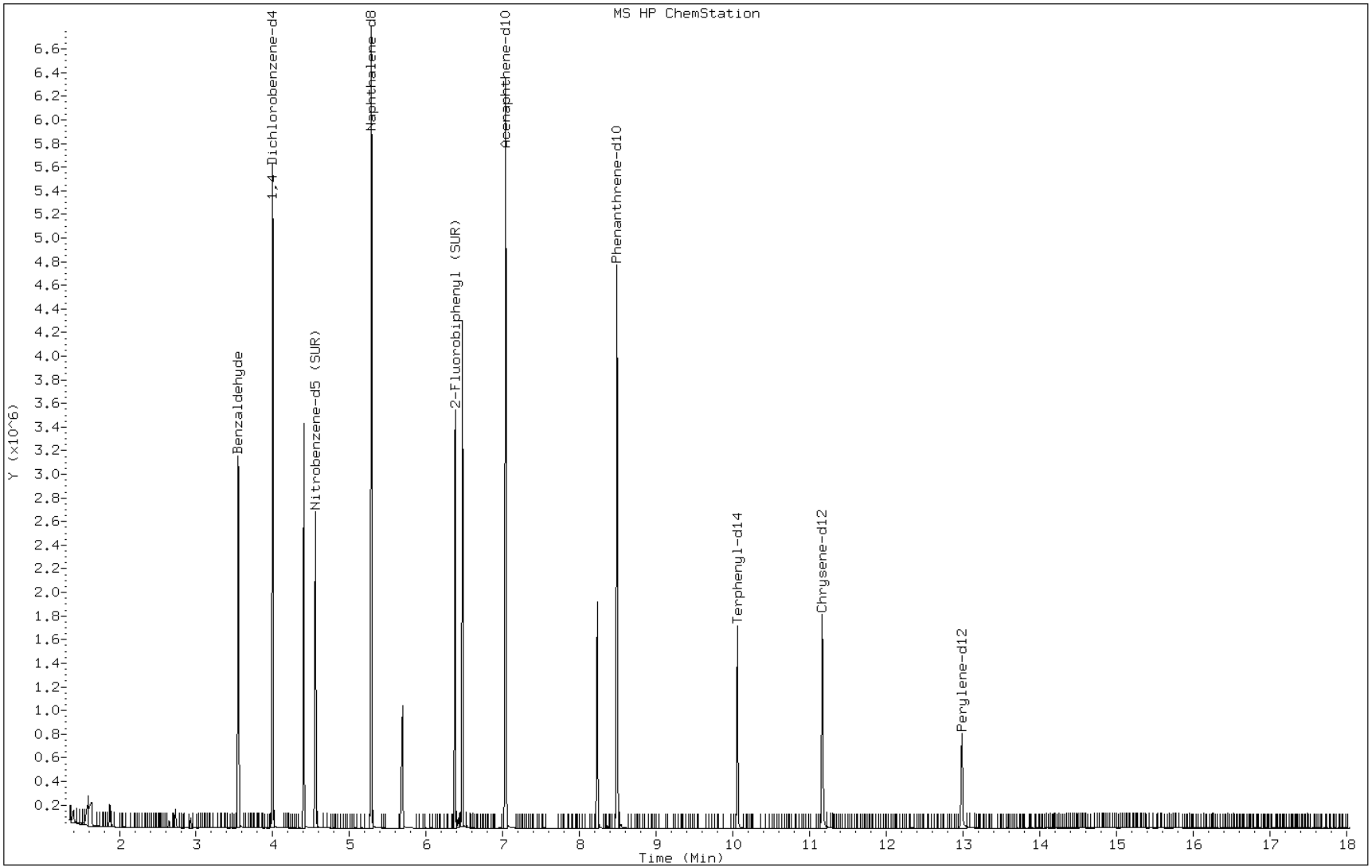
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
110 Benzaldehyde	77	3.548	3.548	(0.888)	627263	20.0000	22
* 79 1,4-Dichlorobenzene-d4	152	3.995	3.995	(1.000)	770251	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.554	4.554	(0.862)	784072	20.0000	22
* 80 Naphthalene-d8	136	5.284	5.284	(1.000)	2915052	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.378	6.378	(0.906)	1043400	20.0000	22
* 82 Acenaphthene-d10	164	7.036	7.036	(1.000)	1382123	40.0000	
* 83 Phenanthrene-d10	188	8.489	8.489	(1.000)	1668779	40.0000	
$ 78 Terphenyl-d14	244	10.060	10.060	(0.901)	476573	20.0000	22
* 81 Chrysene-d12	240	11.166	11.166	(1.000)	769692	40.0000	
* 84 Perylene-d12	264	12.983	12.983	(1.000)	433838	40.0000	

Data File: z8586.d

Date: 09-MAR-2010 13:41

Client ID: Instrument: BNAMS11.i

Sample Info: IC-396253 Operator: BNAMS 4



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 32805

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/22/2010 14:34 Calibration End Date: 03/22/2010 16:13 Calibration ID: 5422

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-32805/4	z8975.d
Level 2	IC 460-32805/6	z8977.d
Level 3	ICIS 460-32805/2	z8973.d
Level 4	IC 460-32805/5	z8976.d
Level 5	IC 460-32805/3	z8974.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzaldehyde	1.4362	1.4418	1.3474	1.2808	1.2870	Ave		1.3586				5.7					
Nitrobenzene-d5 (Surr)	0.4855	0.4940	0.4657	0.4522	0.4355	Ave		0.4666				5.1					
2-Fluorobiphenyl	1.4686	1.4036	1.3396	1.3443	1.3573	Ave		1.3827				3.9					
Terphenyl-d14 (Surr)	1.1282	1.0903	1.0250	1.0457	1.0581	Ave		1.0695				3.8					

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 32805

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/22/2010 14:34 Calibration End Date: 03/22/2010 16:13 Calibration ID: 5422

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-32805/4	z8975.d
Level 2	IC 460-32805/6	z8977.d
Level 3	ICIS 460-32805/2	z8973.d
Level 4	IC 460-32805/5	z8976.d
Level 5	IC 460-32805/3	z8974.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Benzaldehyde	DCB	Ave	96153	425281	1049560	1504903	2161042	5.00	20.0	50.0	80.0	120
Nitrobenzene-d5 (Surr)	NPT	Ave	119391	540836	1333862	1933117	2719926	5.00	20.0	50.0	80.0	120
2-Fluorobiphenyl	ANT	Ave	167445	728199	1785255	2679843	3942603	5.00	20.0	50.0	80.0	120
Terphenyl-d14 (Surr)	CRY	Ave	105139	447730	1087767	1551450	2426714	5.00	20.0	50.0	80.0	120

Curve Type Legend:
Ave = Average ISTD

Data File: /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8973.d
Report Date: 23-Mar-2010 13:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8973.d
Lab Smp Id: ICIS-396218
Inj Date : 22-MAR-2010 14:34
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : ICIS-396218
Misc Info : 50 ppm bna 4446
Comment :
Method : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/8270del_Benz.m
Meth Date : 23-Mar-2010 13:16 croccom Quant Type: ISTD
Cal Date : 22-MAR-2010 14:34 Cal File: z8973.d
Als bottle: 9 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

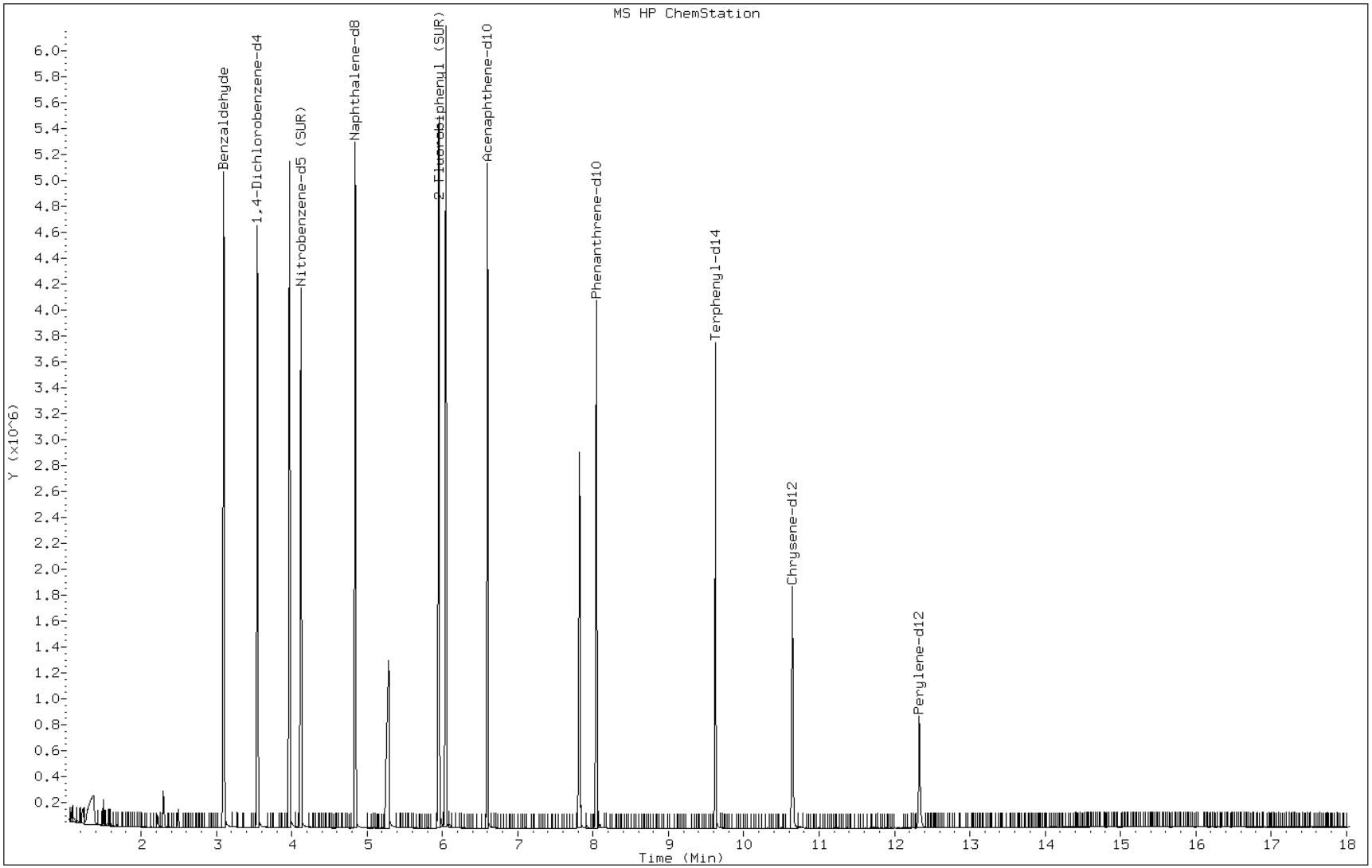
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
110 Benzaldehyde	77	3.095	3.095	(0.874)	1049560	50.0000	50
* 79 1,4-Dichlorobenzene-d4	152	3.542	3.542	(1.000)	623173	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.119	4.119	(0.851)	1333862	50.0000	50
* 80 Naphthalene-d8	136	4.842	4.842	(1.000)	2291229	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.954	5.954	(0.903)	1785255	50.0000	48
* 82 Acenaphthene-d10	164	6.595	6.595	(1.000)	1066117	40.0000	
* 83 Phenanthrene-d10	188	8.042	8.042	(1.000)	1394225	40.0000	
$ 78 Terphenyl-d14	244	9.624	9.624	(0.904)	1087767	50.0000	48
* 81 Chrysene-d12	240	10.648	10.648	(1.000)	848978	40.0000	
* 84 Perylene-d12	264	12.330	12.330	(1.000)	524129	40.0000	

Data File: z8973.d

Date: 22-MAR-2010 14:34

Client ID: Instrument: BNAMS11.i

Sample Info: ICIS-396218 Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8974.d
Report Date: 23-Mar-2010 13:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8974.d
Lab Smp Id: IC-396216
Inj Date : 22-MAR-2010 14:59
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-396216
Misc Info : 120 ppm bna 4446
Comment :
Method : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/8270del_Benz.m
Meth Date : 23-Mar-2010 13:16 croccom Quant Type: ISTD
Cal Date : 22-MAR-2010 14:34 Cal File: z8973.d
Als bottle: 10 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
110 Benzaldehyde	77	3.107	3.107	(0.877)	2161042	120.000	110
* 79 1,4-Dichlorobenzene-d4	152	3.542	3.542	(1.000)	559695	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.131	4.131	(0.853)	2719926	120.000	110
* 80 Naphthalene-d8	136	4.842	4.842	(1.000)	2081971	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.960	5.960	(0.904)	3942603	120.000	120
* 82 Acenaphthene-d10	164	6.595	6.595	(1.000)	968263	40.0000	
* 83 Phenanthrene-d10	188	8.042	8.042	(1.000)	1252390	40.0000	
$ 78 Terphenyl-d14	244	9.630	9.630	(0.904)	2426714	120.000	120
* 81 Chrysene-d12	240	10.648	10.648	(1.000)	764467	40.0000	
* 84 Perylene-d12	264	12.330	12.330	(1.000)	505458	40.0000	

Data File: z8974.d

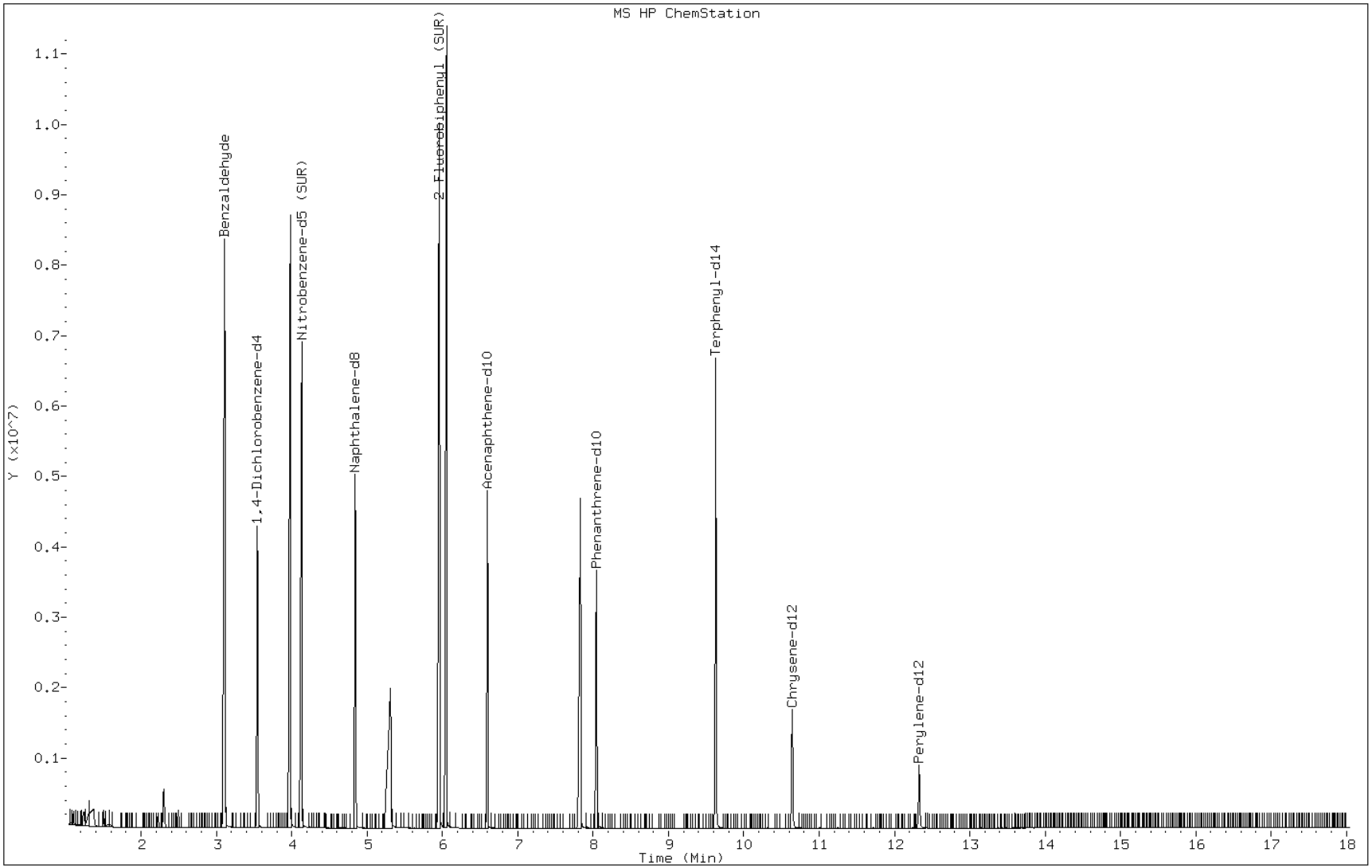
Date: 22-MAR-2010 14:59

Client ID:

Instrument: BNAMS11.i

Sample Info: IC-396216

Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8975.d
Report Date: 23-Mar-2010 13:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8975.d
Lab Smp Id: IC-396252
Inj Date : 22-MAR-2010 15:23
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-396252
Misc Info : 5 ppm bna 4446
Comment :
Method : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/8270del_Benz.m
Meth Date : 23-Mar-2010 13:16 croccom Quant Type: ISTD
Cal Date : 22-MAR-2010 14:34 Cal File: z8973.d
Als bottle: 11 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

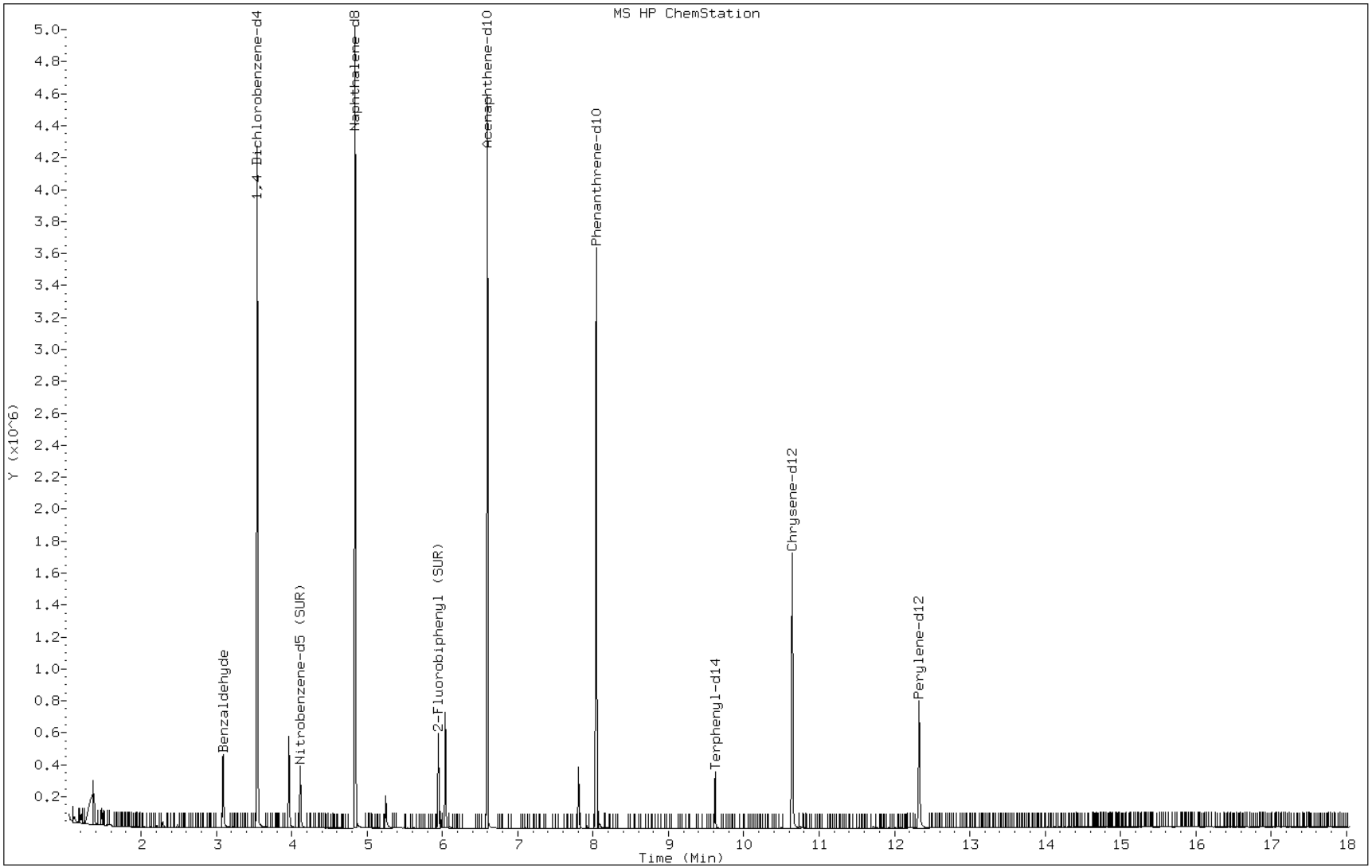
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	110 Benzaldehyde	77	3.090	3.090	(0.872)	96153	5.00000	5.3
*	79 1,4-Dichlorobenzene-d4	152	3.542	3.542	(1.000)	535586	40.0000	
$	76 Nitrobenzene-d5 (SUR)	82	4.113	4.113	(0.849)	119391	5.00000	5.2
*	80 Naphthalene-d8	136	4.842	4.842	(1.000)	1967240	40.0000	
$	77 2-Fluorobiphenyl (SUR)	172	5.948	5.948	(0.902)	167445	5.00000	5.3
*	82 Acenaphthene-d10	164	6.595	6.595	(1.000)	912116	40.0000	
*	83 Phenanthrene-d10	188	8.042	8.042	(1.000)	1205024	40.0000	
$	78 Terphenyl-d14	244	9.619	9.619	(0.903)	105139	5.00000	5.3
*	81 Chrysene-d12	240	10.648	10.648	(1.000)	745504	40.0000	
*	84 Perylene-d12	264	12.330	12.330	(1.000)	458224	40.0000	

Data File: z8975.d

Date: 22-MAR-2010 15:23

Client ID: Instrument: BNAMS11.i

Sample Info: IC-396252 Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8976.d
Report Date: 23-Mar-2010 13:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8976.d
Lab Smp Id: IC-396217
Inj Date : 22-MAR-2010 15:48
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-396217
Misc Info : 80 ppm bna 4446
Comment :
Method : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/8270del_Benz.m
Meth Date : 23-Mar-2010 13:16 croccom Quant Type: ISTD
Cal Date : 22-MAR-2010 14:34 Cal File: z8973.d
Als bottle: 12 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

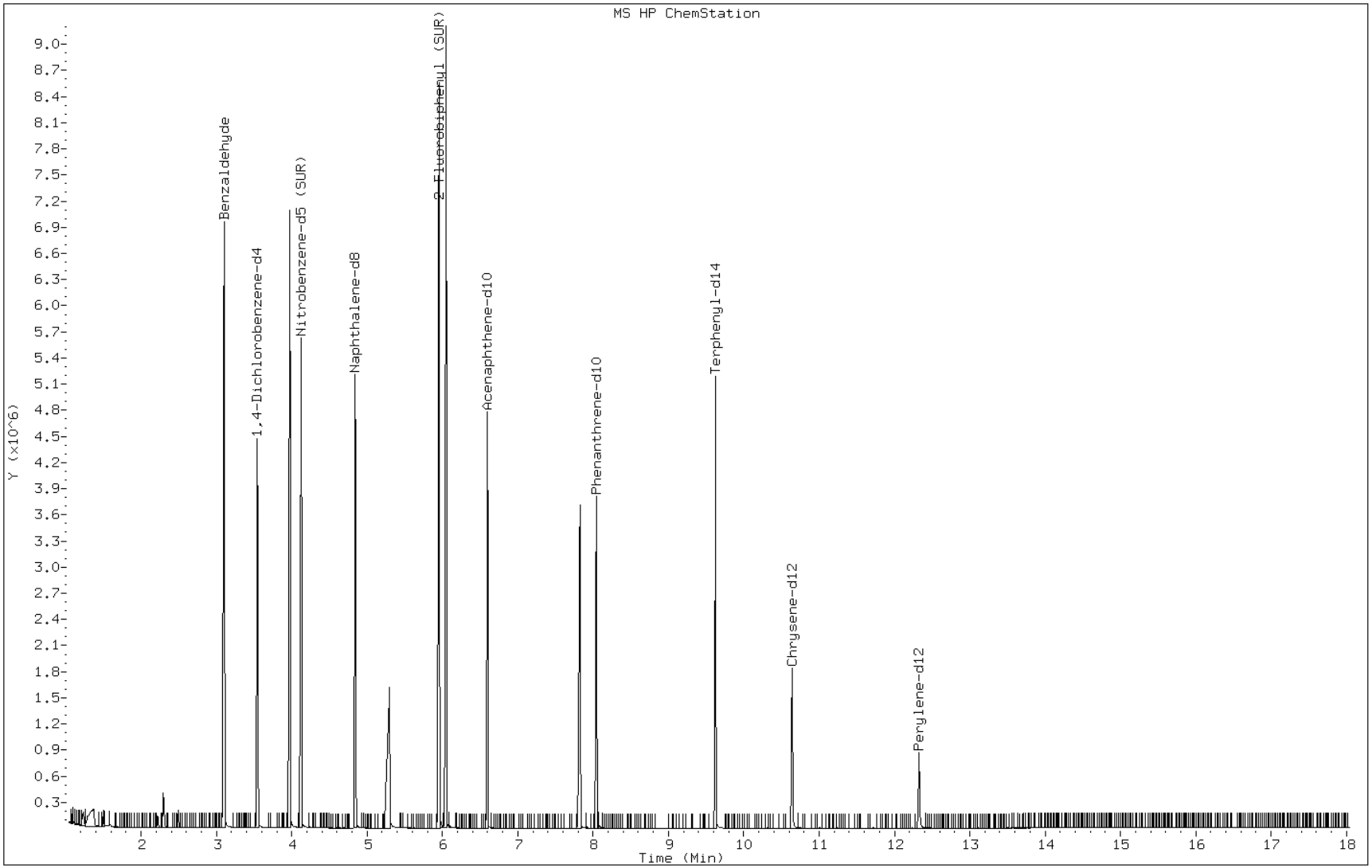
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
110 Benzaldehyde	77	3.102	3.102	(0.875)	1504903	80.0000	75
* 79 1,4-Dichlorobenzene-d4	152	3.543	3.543	(1.000)	587465	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.125	4.125	(0.852)	1933117	80.0000	78
* 80 Naphthalene-d8	136	4.843	4.843	(1.000)	2137318	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.954	5.954	(0.903)	2679843	80.0000	78
* 82 Acenaphthene-d10	164	6.595	6.595	(1.000)	996716	40.0000	
* 83 Phenanthrene-d10	188	8.042	8.042	(1.000)	1251934	40.0000	
$ 78 Terphenyl-d14	244	9.625	9.625	(0.904)	1551450	80.0000	78
* 81 Chrysene-d12	240	10.642	10.642	(1.000)	741849	40.0000	
* 84 Perylene-d12	264	12.324	12.324	(1.000)	496889	40.0000	

Data File: z8976.d

Date: 22-MAR-2010 15:48

Client ID: Instrument: BNAMS11.i

Sample Info: IC-396217 Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8977.d
Report Date: 23-Mar-2010 13:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8977.d
Lab Smp Id: IC-396219
Inj Date : 22-MAR-2010 16:13
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-396219
Misc Info : 20 ppm bna 4446
Comment :
Method : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/8270del_Benz.m
Meth Date : 23-Mar-2010 13:16 croccom Quant Type: ISTD
Cal Date : 22-MAR-2010 14:34 Cal File: z8973.d
Als bottle: 13 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
110 Benzaldehyde	77	3.090	3.090	(0.872)	425281	20.0000	21
* 79 1,4-Dichlorobenzene-d4	152	3.543	3.543	(1.000)	589949	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.113	4.113	(0.849)	540836	20.0000	21
* 80 Naphthalene-d8	136	4.843	4.843	(1.000)	2189606	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.948	5.948	(0.902)	728199	20.0000	20
* 82 Acenaphthene-d10	164	6.595	6.595	(1.000)	1037621	40.0000	
* 83 Phenanthrene-d10	188	8.042	8.042	(1.000)	1336103	40.0000	
$ 78 Terphenyl-d14	244	9.619	9.619	(0.904)	447730	20.0000	20
* 81 Chrysene-d12	240	10.642	10.642	(1.000)	821293	40.0000	
* 84 Perylene-d12	264	12.324	12.324	(1.000)	519240	40.0000	

Data File: z8977.d

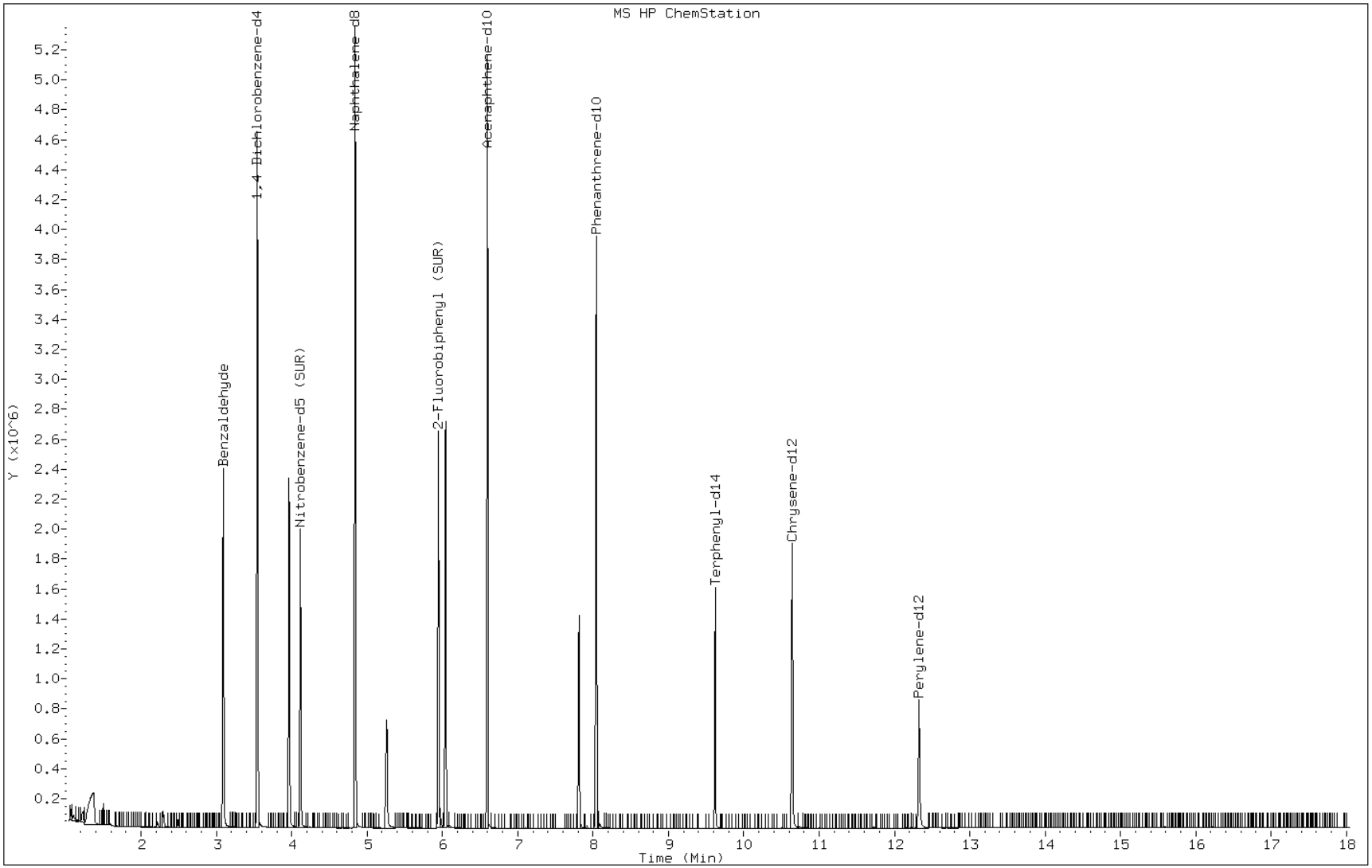
Date: 22-MAR-2010 16:13

Client ID:

Instrument: BNAMS11.i

Sample Info: IC-396219

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCV 460-31602/1 Calibration Date: 03/06/2010 07:30

Instrument ID: BNAMS11 Calib Start Date: 03/05/2010 20:33

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/05/2010 22:09

Lab File ID: z8530.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.8459	0.8380	0.0500	49500	50000	-0.9	25.0
N-Nitrosodimethylamine	Ave	1.166	1.144	0.0500	49000	50000	-1.9	25.0
Pyridine	Ave	1.991	1.931	0.0500	48500	50000	-3.0	25.0
Benzaldehyde	Ave	0.5722	0.5826	0.0500	50900	50000	1.8	25.0
Phenol	Ave	2.014	1.808	0.0500	44900	50000	-10.3	25.0
Aniline	Ave	2.290	2.309	0.0500	50400	50000	0.8	25.0
Bis(2-chloroethyl)ether	Ave	1.823	1.639	0.0500	44900	50000	-10.1	25.0
2-Chlorophenol	Ave	1.632	1.585	0.0500	48600	50000	-2.9	25.0
n-Decane	Ave	2.254	2.162	0.0500	47900	50000	-4.1	25.0
1,3-Dichlorobenzene	Ave	1.743	1.677	0.0500	48100	50000	-3.8	25.0
1,4-Dichlorobenzene	Ave	1.680	1.591	0.0500	47300	50000	-5.3	25.0
Benzyl alcohol	Ave	1.014	0.9707	0.0500	47900	50000	-4.2	25.0
1,2-Dichlorobenzene	Ave	1.591	1.523	0.0500	47900	50000	-4.2	25.0
2-Methylphenol	Ave	1.331	1.248	0.0500	46900	50000	-6.2	25.0
2,2'-oxybis[1-chloropropane]	Ave	2.900	2.834	0.0500	48900	50000	-2.3	25.0
Acetophenone	Ave	1.812	1.641	0.0500	45300	50000	-9.4	25.0
N-Nitrosodi-n-propylamine	Ave	0.9708	0.7569	0.0500	39000	50000	-22.0	25.0
3 & 4 Methylphenol	Ave	1.217	0.9937	0.0500	40800	50000	-18.3	25.0
4-Methylphenol	Ave	1.217	0.9937	0.0500	40800	50000	-18.3	25.0
Hexachloroethane	Ave	0.7519	0.7297	0.0500	48500	50000	-2.9	25.0
Nitrobenzene	Ave	0.6105	0.5690	0.0500	46600	50000	-6.8	25.0
n,n'-Dimethylaniline	Ave	2.122	1.884	0.0500	44400	50000	-11.2	25.0
Isophorone	Ave	0.7961	0.7743	0.0500	48600	50000	-2.7	25.0
2-Nitrophenol	Ave	0.2098	0.2084	0.0500	49700	50000	-0.7	25.0
2,4-Dimethylphenol	Ave	0.3348	0.3195	0.0500	47700	50000	-4.6	25.0
Bis(2-chloroethoxy)methane	Ave	0.4859	0.4697	0.0500	48300	50000	-3.3	25.0
2,4-Dichlorophenol	Ave	0.2786	0.2720	0.0500	48800	50000	-2.4	25.0
1,2,4-Trichlorobenzene	Ave	0.3488	0.3339	0.0500	47900	50000	-4.3	25.0
Naphthalene	Ave	1.093	1.053	0.0500	48200	50000	-3.7	25.0
4-Chloroaniline	Ave	0.4154	0.4022	0.0500	48400	50000	-3.2	25.0
Hexachlorobutadiene	Ave	0.2146	0.2081	0.0500	48500	50000	-3.0	25.0
Caprolactam	Ave	0.0858	0.0779	0.0500	45400	50000	-9.2	25.0
4-Chloro-3-methylphenol	Ave	0.2872	0.2636	0.0500	45900	50000	-8.2	25.0
2-Methylnaphthalene	Ave	0.6144	0.5716	0.0500	46500	50000	-7.0	25.0
1-Methylnaphthalene	Ave	0.5898	0.5530	0.0500	46900	50000	-6.2	25.0
Hexachlorocyclopentadiene	Ave	0.4915	0.4797	0.0500	48800	50000	-2.4	25.0
2,4,6-Trichlorophenol	Ave	0.3968	0.3833	0.0500	48300	50000	-3.4	25.0
2,4,5-Trichlorophenol	Ave	0.3999	0.3873	0.0500	48400	50000	-3.1	25.0
1,1'-Biphenyl	Ave	1.636	1.579	0.0500	48300	50000	-3.5	25.0
2-Chloronaphthalene	Ave	1.235	1.212	0.0500	49100	50000	-1.8	25.0
Phenyl ether	Ave	0.8529	0.8540	0.0500	50100	50000	0.1	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCV 460-31602/1 Calibration Date: 03/06/2010 07:30

Instrument ID: BNAMS11 Calib Start Date: 03/05/2010 20:33

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/05/2010 22:09

Lab File ID: z8530.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.5241	0.5239	0.0500	50000	50000	0.0	25.0
Dimethyl phthalate	Ave	1.113	1.056	0.0500	47500	50000	-5.1	25.0
Coumarin	Ave	0.1473	0.1311	0.0500	44500	50000	-11.0	25.0
2,6-Dinitrotoluene	Ave	0.2608	0.2554	0.0500	49000	50000	-2.1	25.0
Acenaphthylene	Ave	1.827	1.785	0.0500	48800	50000	-2.3	25.0
3-Nitroaniline	Ave	0.2859	0.2766	0.0500	48400	50000	-3.3	25.0
Acenaphthene	Ave	1.060	1.006	0.0500	47500	50000	-5.0	25.0
2,4-Dinitrophenol	Ave	0.1313	0.1088	0.0500	41400	50000	-17.2	25.0
4-Nitrophenol	Ave	0.2198	0.1996	0.0500	45400	50000	-9.2	25.0
2,4-Dinitrotoluene	Ave	0.2805	0.2601	0.0500	46400	50000	-7.3	25.0
Dibenzofuran	Ave	1.456	1.407	0.0500	48300	50000	-3.4	25.0
Diethyl phthalate	Ave	1.033	0.9552	0.0500	46200	50000	-7.6	25.0
Fluorene	Ave	1.078	1.007	0.0500	46700	50000	-6.7	25.0
4-Chlorophenyl phenyl ether	Ave	0.5357	0.5047	0.0500	47100	50000	-5.8	25.0
4-Nitroaniline	Ave	0.2326	0.2102	0.0500	45200	50000	-9.6	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1421	0.1367	0.0500	48100	50000	-3.8	25.0
N-Nitrosodiphenylamine	Ave	0.5983	0.6212	0.0500	51900	50000	3.8	25.0
1,2-Diphenylhydrazine	Ave	1.401	1.416	0.0500	50600	50000	1.1	25.0
4-Bromophenyl phenyl ether	Ave	0.2758	0.2735	0.0500	49600	50000	-0.9	25.0
Hexachlorobenzene	Ave	0.3132	0.3034	0.0500	48400	50000	-3.1	25.0
Atrazine	Ave	0.1972	0.1935	0.0500	49100	50000	-1.9	25.0
Pentachlorophenol	Ave	0.1575	0.1507	0.0500	47800	50000	-4.3	25.0
Phenanthrene	Ave	1.164	1.133	0.0500	48700	50000	-2.7	25.0
Anthracene	Ave	1.170	1.155	0.0500	49400	50000	-1.3	25.0
Carbazole	Ave	0.8892	0.8691	0.0500	48900	50000	-2.3	25.0
Di-n-butyl phthalate	Ave	1.114	1.096	0.0500	49200	50000	-1.6	25.0
Fluoranthene	Ave	0.9413	0.9182	0.0500	48800	50000	-2.5	25.0
Benzidine	Ave	0.0680	0.0890	0.0500	65400	50000	30.9*	25.0
Pyrene	Ave	1.755	1.709	0.0500	48700	50000	-2.6	25.0
Butyl benzyl phthalate	Ave	0.6309	0.6425	0.0500	50900	50000	1.8	25.0
3,3'-Dichlorobenzidine	Ave	0.3031	0.3126	0.0500	51600	50000	3.2	25.0
Benzo[a]anthracene	Ave	1.280	1.110	0.0500	43300	50000	-13.3	25.0
Chrysene	Ave	1.072	1.077	0.0500	50200	50000	0.5	25.0
Bis(2-ethylhexyl) phthalate	Ave	0.7923	0.8219	0.0500	51900	50000	3.7	25.0
Di-n-octyl phthalate	Ave	1.497	1.448	0.0500	48400	50000	-3.2	25.0
Benzo[b]fluoranthene	Ave	1.182	1.085	0.0500	45900	50000	-8.2	25.0
Benzo[k]fluoranthene	Ave	1.394	1.327	0.0500	47600	50000	-4.8	25.0
Benzo[a]pyrene	Ave	1.111	0.9894	0.0500	44500	50000	-10.9	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.8213	0.7925	0.0500	48200	50000	-3.5	25.0
Dibenz(a,h)anthracene	Ave	0.8545	0.8503	0.0500	49800	50000	-0.5	25.0
Benzo[g,h,i]perylene	Ave	0.8654	0.9292	0.0500	53700	50000	7.4	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCV 460-31602/1 Calibration Date: 03/06/2010 07:30

Instrument ID: BNAMS11 Calib Start Date: 03/05/2010 20:33

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/05/2010 22:09

Lab File ID: z8530.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Fluorophenol (Surr)	Ave	1.691	1.596	0.0500	47200	50000	-5.6	25.0
Phenol-d5 (Surr)	Ave	1.889	1.785	0.0500	47200	50000	-5.5	25.0
Nitrobenzene-d5 (Surr)	Ave	0.5058	0.5102	0.0500	50400	50000	0.9	25.0
2-Fluorobiphenyl	Ave	1.533	1.505	0.0500	49100	50000	-1.8	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1754	0.1649	0.0500	47000	50000	-6.0	25.0
Terphenyl-d14 (Surr)	Ave	1.264	1.262	0.0500	49900	50000	-0.1	25.0

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10abr.b/z8530.d
Report Date: 09-Mar-2010 16:29

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10abr.b/z8530.d
Lab Smp Id: CCV-376365
Inj Date : 06-MAR-2010 07:30
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : CCV-376365
Misc Info :
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/05mar10abr.b/8270Cdel_08.m
Meth Date : 09-Mar-2010 16:29 rusin Quant Type: ISTD
Cal Date : 06-MAR-2010 07:30 Cal File: z8530.d
Als bottle: 28 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.466	1.466	(0.360)	635375	50.0000	50
	19 N-Nitrosodimethylamine	74	1.684	1.684	(0.414)	867221	50.0000	49
	71 Pyridine	79	1.713	1.713	(0.421)	1464231	50.0000	48
$	16 2-Fluorophenol (SUR)	112	2.790	2.790	(0.685)	1210124	50.0000	47
	110 Benzaldehyde	77	3.619	3.619	(0.889)	441744	50.0000	51
$	17 Phenol-d5 (SUR)	99	3.719	3.719	(0.913)	1353045	50.0000	47
	1 Phenol	94	3.737	3.737	(0.918)	1370479	50.0000	45
	73 Aniline	93	3.743	3.743	(0.919)	1750343	50.0000	50
	20 bis(2-Chloroethyl)ether	93	3.813	3.813	(0.936)	1242425	50.0000	45
	113 n-decane	43	3.925	3.925	(0.964)	1639098	50.0000	48
	2 2-Chlorophenol	128	3.866	3.866	(0.949)	1202106	50.0000	48
	21 1,3-Dichlorobenzene	146	4.013	4.013	(0.986)	1271459	50.0000	48
*	79 1,4-Dichlorobenzene-d4	152	4.072	4.072	(1.000)	606566	40.0000	
	22 1,4-Dichlorobenzene	146	4.090	4.090	(1.004)	1206070	50.0000	47
	74 Benzyl Alcohol	108	4.219	4.219	(1.036)	736014	50.0000	48

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10abr.b/z8530.d
Report Date: 09-Mar-2010 16:29

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	23 1,2-Dichlorobenzene	146	4.243	4.243	(1.042)	1155117	50.0000	48
	3 2-Methylphenol	108	4.343	4.343	(1.066)	946068	50.0000	47
	24 bis (2-chloroisopropyl) ether	45	4.360	4.360	(1.071)	2148471	50.0000	49
	4 4-Methylphenol	108	4.507	4.507	(1.107)	753443	50.0000	41
	121 3 & 4 Methylphenol	108	4.507	4.507	(1.107)	753443	50.0000	41
	104 Acetophenone	105	4.490	4.490	(1.103)	1244476	50.0000	45
	25 N-Nitroso-di-n-propylamine	70	4.501	4.501	(1.105)	573917	50.0000	39
	26 Hexachloroethane	117	4.584	4.584	(1.126)	553288	50.0000	48
$	76 Nitrobenzene-d5 (SUR)	82	4.637	4.637	(0.865)	1326812	50.0000	50
	107 N,N-Dimethylaniline	120	4.666	4.666	(1.146)	1428825	50.0000	44
	27 Nitrobenzene	77	4.660	4.660	(0.869)	1479502	50.0000	46
	28 Isophorone	82	4.901	4.901	(0.914)	2013454	50.0000	49
	6 2,4-Dimethylphenol	122	5.037	5.037	(0.940)	830897	50.0000	48
	5 2-Nitrophenol	139	4.978	4.978	(0.929)	541886	50.0000	50
	29 bis(2-Chloroethoxy)methane	93	5.131	5.131	(0.957)	1221494	50.0000	48
	7 2,4-Dichlorophenol	162	5.231	5.231	(0.976)	707254	50.0000	49
	30 1,2,4-Trichlorobenzene	180	5.307	5.307	(0.990)	868177	50.0000	48
*	80 Naphthalene-d8	136	5.360	5.360	(1.000)	2080342	40.0000	
	31 Naphthalene	128	5.384	5.384	(1.004)	2737205	50.0000	48
	32 4-Chloroaniline	127	5.443	5.443	(1.015)	1045945	50.0000	48
	33 Hexachlorobutadiene	225	5.525	5.525	(1.031)	541234	50.0000	48
	111 Caprolactam	113	5.825	5.825	(1.087)	202532	50.0000	45
	8 4-Chloro-3-methylphenol	107	5.954	5.954	(1.111)	685347	50.0000	46
	34 2-Methylnaphthalene	142	6.084	6.084	(1.135)	1486439	50.0000	46
	120 1-Methylnaphthalene	142	6.178	6.178	(1.153)	1438092	50.0000	47
	35 Hexachlorocyclopentadiene	237	6.248	6.248	(0.878)	482066	50.0000	49
	9 2,4,6-Trichlorophenol	196	6.372	6.372	(0.895)	385174	50.0000	48
	10 2,4,5-Trichlorophenol	196	6.407	6.407	(0.900)	389182	50.0000	48
$	77 2-Fluorobiphenyl (SUR)	172	6.454	6.454	(0.907)	1511971	50.0000	49
	102 Diphenyl	154	6.554	6.554	(0.921)	1587076	50.0000	48
	36 2-Chloronaphthalene	162	6.566	6.566	(0.922)	1217697	50.0000	49
	103 Diphenyl Ether	170	6.660	6.660	(0.936)	858221	50.0000	50
	37 2-Nitroaniline	65	6.672	6.672	(0.937)	526449	50.0000	50
	38 Dimethylphthalate	163	6.866	6.866	(0.964)	1061562	50.0000	47
	114 Coumarin	146	6.878	6.878	(1.283)	340992	50.0000	44
	40 2,6-Dinitrotoluene	165	6.919	6.919	(0.972)	256638	50.0000	49
	39 Acenaphthylene	152	6.978	6.978	(0.980)	1793396	50.0000	49
	41 3-Nitroaniline	138	7.084	7.084	(0.995)	277924	50.0000	48
*	82 Acenaphthene-d10	164	7.119	7.119	(1.000)	803947	40.0000	
	42 Acenaphthene	154	7.148	7.148	(1.004)	1011321	50.0000	47
	11 2,4-Dinitrophenol	184	7.184	7.184	(1.009)	109331	50.0000	41
	12 4-Nitrophenol	65	7.260	7.260	(1.020)	200539	50.0000	45
	43 Dibenzofuran	168	7.319	7.319	(1.028)	1413996	50.0000	48
	44 2,4-Dinitrotoluene	165	7.313	7.313	(1.027)	261404	50.0000	46
	45 Diethylphthalate	149	7.566	7.566	(1.063)	959866	50.0000	46
	46 4-Chlorophenyl-phenylether	204	7.666	7.666	(1.077)	507224	50.0000	47
	47 Fluorene	166	7.660	7.660	(1.076)	1011603	50.0000	47

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10abr.b/z8530.d
Report Date: 09-Mar-2010 16:29

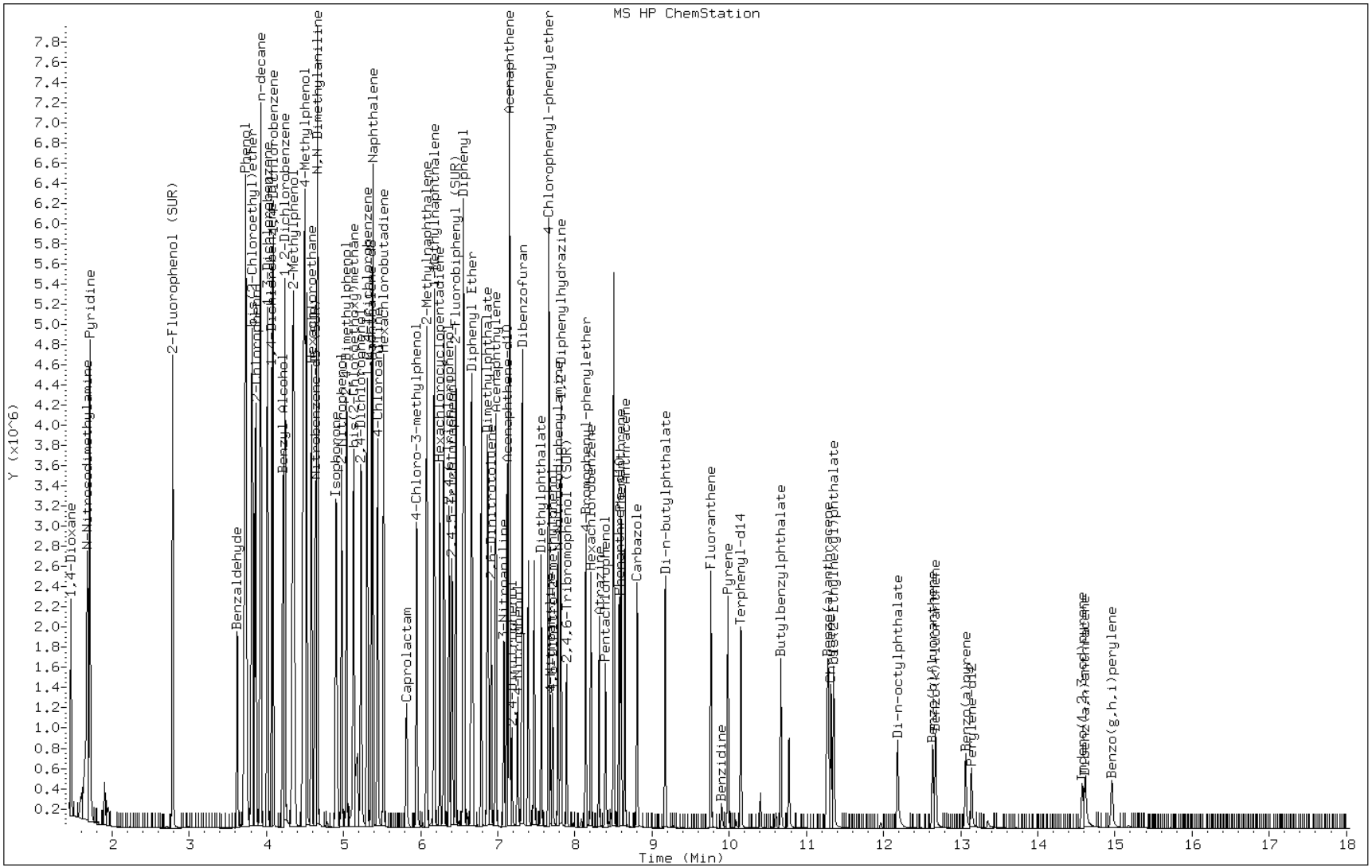
			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	48	4-Nitroaniline	138	7.684	7.684	(1.079)	211212	50.0000	45
	13	4,6-Dinitro-2-methylphenol	198	7.713	7.713	(0.899)	146347	50.0000	48
	49	N-Nitrosodiphenylamine	169	7.784	7.784	(0.907)	665058	50.0000	52
	75	1,2-Diphenylhydrazine	77	7.819	7.819	(0.912)	1516560	50.0000	50
$	18	2,4,6-Tribromophenol (SUR)	330	7.895	7.895	(1.109)	165687	50.0000	47
	50	4-Bromophenyl-phenylether	248	8.142	8.142	(0.949)	292798	50.0000	50
	112	Atrazine	200	8.313	8.313	(0.969)	207127	50.0000	49
	51	Hexachlorobenzene	284	8.207	8.207	(0.957)	324826	50.0000	48
	14	Pentachlorophenol	266	8.395	8.395	(0.979)	161382	50.0000	48
*	83	Phenanthrene-d10	188	8.578	8.578	(1.000)	856551	40.0000	
	52	Phenanthrene	178	8.601	8.601	(1.003)	1212728	50.0000	49
	53	Anthracene	178	8.648	8.648	(1.008)	1236621	50.0000	49
	54	Carbazole	167	8.807	8.807	(1.027)	930496	50.0000	49
	55	Di-n-butylphthalate	149	9.172	9.172	(1.069)	1173351	50.0000	49
	56	Fluoranthene	202	9.766	9.766	(1.139)	983057	50.0000	49
	58	Benzidine	184	9.901	9.901	(1.154)	95282	50.0000	65
	57	Pyrene	202	9.983	9.983	(0.884)	951293	50.0000	49
$	78	Terphenyl-d14	244	10.154	10.154	(0.899)	702495	50.0000	50
	59	Butylbenzylphthalate	149	10.672	10.672	(0.945)	357586	50.0000	51
	109	2,3,7,8-TCDD (Screen)	320	10.766	10.766	(0.954)	1183	0.50000	0.54
	63	bis(2-Ethylhexyl)phthalate	149	11.354	11.354	(1.006)	457405	50.0000	52
	60	3,3'-Dichlorobenzidine	252	11.260	11.260	(0.997)	173982	50.0000	52
	61	Benzo(a)anthracene	228	11.277	11.277	(0.999)	617504	50.0000	43
*	81	Chrysene-d12	240	11.289	11.289	(1.000)	445219	40.0000	
	62	Chrysene	228	11.319	11.319	(1.003)	599429	50.0000	50
	64	Di-n-octylphthalate	149	12.183	12.183	(0.927)	597452	50.0000	48
	65	Benzo(b)fluoranthene	252	12.636	12.636	(0.962)	447754	50.0000	46
	66	Benzo(k)fluoranthene	252	12.672	12.672	(0.964)	547448	50.0000	48
	67	Benzo(a)pyrene	252	13.066	13.066	(0.994)	408166	50.0000	44
*	84	Perylene-d12	264	13.142	13.142	(1.000)	330026	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	14.577	14.577	(1.109)	326922	50.0000	48
	69	Dibenz(a,h)anthracene	278	14.618	14.618	(1.112)	350780	50.0000	50
	70	Benzo(g,h,i)perylene	276	14.960	14.960	(1.138)	383303	50.0000	54

Data File: z8530.d

Date: 06-MAR-2010 07:30

Client ID: Instrument: BNAMS11.i

Sample Info: CCV-376365 Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCVIS 460-31814/2 Calibration Date: 03/07/2010 15:08

Instrument ID: BNAMS11 Calib Start Date: 03/05/2010 20:33

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/05/2010 22:09

Lab File ID: z8549.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.8459	0.0000	0.0500	10.0	50000	-100.0*	25.0
N-Nitrosodimethylamine	Ave	1.166	1.117	0.0500	47900	50000	-4.2	25.0
Pyridine	Ave	1.991	1.837	0.0500	46100	50000	-7.8	25.0
Benzaldehyde	Ave	0.5722	0.3623	0.0500	31700	50000	-36.7*	25.0
Phenol	Ave	2.014	1.850	0.0500	45900	50000	-8.2	25.0
Aniline	Ave	2.290	2.317	0.0500	50600	50000	1.2	25.0
Bis(2-chloroethyl)ether	Ave	1.823	1.648	0.0500	45200	50000	-9.6	25.0
2-Chlorophenol	Ave	1.632	1.574	0.0500	48200	50000	-3.6	25.0
n-Decane	Ave	2.254	2.149	0.0500	47700	50000	-4.7	25.0
1,3-Dichlorobenzene	Ave	1.743	1.648	0.0500	47300	50000	-5.4	25.0
1,4-Dichlorobenzene	Ave	1.680	1.586	0.0500	47200	50000	-5.6	25.0
Benzyl alcohol	Ave	1.014	1.039	0.0500	51300	50000	2.5	25.0
1,2-Dichlorobenzene	Ave	1.591	1.494	0.0500	46900	50000	-6.1	25.0
2-Methylphenol	Ave	1.331	1.293	0.0500	48600	50000	-2.8	25.0
2,2'-oxybis[1-chloropropane]	Ave	2.900	2.817	0.0500	48600	50000	-2.8	25.0
Acetophenone	Ave	1.812	1.670	0.0500	46100	50000	-7.8	25.0
N-Nitrosodi-n-propylamine	Ave	0.9708	0.8920	0.0500	45900	50000	-8.1	25.0
3 & 4 Methylphenol	Ave	1.217	0.9975	0.0500	41000	50000	-18.0	25.0
4-Methylphenol	Ave	1.217	0.9975	0.0500	41000	50000	-18.0	25.0
Hexachloroethane	Ave	0.7519	0.7174	0.0500	47700	50000	-4.6	25.0
Nitrobenzene	Ave	0.6105	0.5672	0.0500	46500	50000	-7.1	25.0
n,n'-Dimethylaniline	Ave	2.122	1.885	0.0500	44400	50000	-11.2	25.0
Isophorone	Ave	0.7961	0.7805	0.0500	49000	50000	-2.0	25.0
2-Nitrophenol	Ave	0.2098	0.2078	0.0500	49500	50000	-1.0	25.0
2,4-Dimethylphenol	Ave	0.3348	0.3285	0.0500	49100	50000	-1.9	25.0
Bis(2-chloroethoxy)methane	Ave	0.4859	0.4746	0.0500	48800	50000	-2.3	25.0
2,4-Dichlorophenol	Ave	0.2786	0.2704	0.0500	48500	50000	-3.0	25.0
1,2,4-Trichlorobenzene	Ave	0.3488	0.3269	0.0500	46900	50000	-6.3	25.0
Naphthalene	Ave	1.093	1.042	0.0500	47700	50000	-4.7	25.0
4-Chloroaniline	Ave	0.4154	0.4152	0.0500	50000	50000	0.1	25.0
Hexachlorobutadiene	Ave	0.2146	0.1990	0.0500	46400	50000	-7.3	25.0
Caprolactam	Ave	0.0858	0.0904	0.0500	52700	50000	5.3	25.0
4-Chloro-3-methylphenol	Ave	0.2872	0.2916	0.0500	50800	50000	1.5	25.0
2-Methylnaphthalene	Ave	0.6144	0.5879	0.0500	47800	50000	-4.3	25.0
1-Methylnaphthalene	Ave	0.5898	0.5749	0.0500	48700	50000	-2.5	25.0
Hexachlorocyclopentadiene	Ave	0.4915	0.4629	0.0500	47100	50000	-5.8	25.0
2,4,6-Trichlorophenol	Ave	0.3968	0.3809	0.0500	48000	50000	-4.0	25.0
2,4,5-Trichlorophenol	Ave	0.3999	0.3832	0.0500	47900	50000	-4.2	25.0
1,1'-Biphenyl	Ave	1.636	1.480	0.0500	45200	50000	-9.6	25.0
2-Chloronaphthalene	Ave	1.235	1.164	0.0500	47100	50000	-5.7	25.0
Phenyl ether	Ave	0.8529	0.8280	0.0500	48500	50000	-2.9	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCVIS 460-31814/2 Calibration Date: 03/07/2010 15:08

Instrument ID: BNAMS11 Calib Start Date: 03/05/2010 20:33

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/05/2010 22:09

Lab File ID: z8549.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.5241	0.5289	0.0500	50500	50000	0.9	25.0
Dimethyl phthalate	Ave	1.113	1.106	0.0500	49700	50000	-0.6	25.0
Coumarin	Ave	0.1473	0.1564	0.0500	53100	50000	6.2	25.0
2,6-Dinitrotoluene	Ave	0.2608	0.2692	0.0500	51600	50000	3.2	25.0
Acenaphthylene	Ave	1.827	1.714	0.0500	46900	50000	-6.2	25.0
3-Nitroaniline	Ave	0.2859	0.2957	0.0500	51700	50000	3.4	25.0
Acenaphthene	Ave	1.060	0.9712	0.0500	45800	50000	-8.3	25.0
2,4-Dinitrophenol	Ave	0.1313	0.1316	0.0500	50100	50000	0.2	25.0
4-Nitrophenol	Ave	0.2198	0.2309	0.0500	52500	50000	5.0	25.0
2,4-Dinitrotoluene	Ave	0.2805	0.2778	0.0500	49500	50000	-1.0	25.0
Dibenzofuran	Ave	1.456	1.351	0.0500	46400	50000	-7.2	25.0
Diethyl phthalate	Ave	1.033	1.027	0.0500	49700	50000	-0.6	25.0
Fluorene	Ave	1.078	1.010	0.0500	46800	50000	-6.3	25.0
4-Chlorophenyl phenyl ether	Ave	0.5357	0.4994	0.0500	46600	50000	-6.8	25.0
4-Nitroaniline	Ave	0.2326	0.2419	0.0500	52000	50000	4.0	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1421	0.1442	0.0500	50800	50000	1.5	25.0
N-Nitrosodiphenylamine	Ave	0.5983	0.5862	0.0500	49000	50000	-2.0	25.0
1,2-Diphenylhydrazine	Ave	1.401	1.338	0.0500	47700	50000	-4.5	25.0
4-Bromophenyl phenyl ether	Ave	0.2758	0.2614	0.0500	47400	50000	-5.2	25.0
Hexachlorobenzene	Ave	0.3132	0.2932	0.0500	46800	50000	-6.4	25.0
Atrazine	Ave	0.1972	0.1930	0.0500	49000	50000	-2.1	25.0
Pentachlorophenol	Ave	0.1575	0.1579	0.0500	50100	50000	0.2	25.0
Phenanthrene	Ave	1.164	1.147	0.0500	49300	50000	-1.4	25.0
Anthracene	Ave	1.170	1.160	0.0500	49600	50000	-0.8	25.0
Carbazole	Ave	0.8892	0.9062	0.0500	51000	50000	1.9	25.0
Di-n-butyl phthalate	Ave	1.114	1.127	0.0500	50600	50000	1.2	25.0
Fluoranthene	Ave	0.9413	0.9844	0.0500	52300	50000	4.6	25.0
Benzidine	Ave	0.0680	0.0767	0.0500	56400	50000	12.7	25.0
Pyrene	Ave	1.755	1.670	0.0500	47600	50000	-4.8	25.0
Butyl benzyl phthalate	Ave	0.6309	0.6328	0.0500	50100	50000	0.3	25.0
3,3'-Dichlorobenzidine	Ave	0.3031	0.2792	0.0500	46100	50000	-7.9	25.0
Benzo[a]anthracene	Ave	1.280	1.111	0.0500	43400	50000	-13.2	25.0
Chrysene	Ave	1.072	1.077	0.0500	50200	50000	0.4	25.0
Bis(2-ethylhexyl) phthalate	Ave	0.7923	0.8070	0.0500	50900	50000	1.8	25.0
Di-n-octyl phthalate	Ave	1.497	1.604	0.0500	53600	50000	7.2	25.0
Benzo[b]fluoranthene	Ave	1.182	1.203	0.0500	50900	50000	1.7	25.0
Benzo[k]fluoranthene	Ave	1.394	1.289	0.0500	46200	50000	-7.5	25.0
Benzo[a]pyrene	Ave	1.111	1.024	0.0500	46100	50000	-7.8	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.8213	0.7783	0.0500	47400	50000	-5.2	25.0
Dibenz(a,h)anthracene	Ave	0.8545	0.8536	0.0500	49900	50000	-0.1	25.0
Benzo[g,h,i]perylene	Ave	0.8654	0.8768	0.0500	50700	50000	1.3	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCVIS 460-31814/2 Calibration Date: 03/07/2010 15:08

Instrument ID: BNAMS11 Calib Start Date: 03/05/2010 20:33

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/05/2010 22:09

Lab File ID: z8549.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Fluorophenol (Surr)	Ave	1.691	1.576	0.0500	46600	50000	-6.8	25.0
Phenol-d5 (Surr)	Ave	1.889	1.849	0.0500	48900	50000	-2.1	25.0
Nitrobenzene-d5 (Surr)	Ave	0.5058	0.5063	0.0500	50100	50000	0.1	25.0
2-Fluorobiphenyl	Ave	1.533	1.442	0.0500	47000	50000	-5.9	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1754	0.1763	0.0500	50300	50000	0.5	25.0
Terphenyl-d14 (Surr)	Ave	1.264	1.198	0.0500	47400	50000	-5.2	25.0

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8549.d
Report Date: 07-Mar-2010 15:29

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8549.d
Lab Smp Id: CCVIS-376365
Inj Date : 07-MAR-2010 15:08
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : CCVIS-376365
Misc Info : 50 ppm bna 4439
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/8270Cdel_08.m
Meth Date : 07-Mar-2010 15:29 asfawa Quant Type: ISTD
Cal Date : 07-MAR-2010 15:08 Cal File: z8549.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.660	1.660	(0.410)	785715	50.0000	48
	71 Pyridine	79	1.684	1.684	(0.416)	1291848	50.0000	46
$	16 2-Fluorophenol (SUR)	112	2.766	2.766	(0.683)	1108326	50.0000	46
	110 Benzaldehyde	77	3.601	3.601	(0.890)	254804	50.0000	32
$	17 Phenol-d5 (SUR)	99	3.701	3.701	(0.914)	1300047	50.0000	49
	1 Phenol	94	3.713	3.713	(0.917)	1301114	50.0000	46
	73 Aniline	93	3.719	3.719	(0.919)	1629703	50.0000	50
	20 bis(2-Chloroethyl)ether	93	3.790	3.790	(0.936)	1158679	50.0000	45
	113 n-decane	43	3.907	3.907	(0.965)	1511610	50.0000	48
	2 2-Chlorophenol	128	3.842	3.842	(0.949)	1106658	50.0000	48
	21 1,3-Dichlorobenzene	146	3.995	3.995	(0.987)	1159063	50.0000	47
*	79 1,4-Dichlorobenzene-d4	152	4.048	4.048	(1.000)	562625	40.0000	
	22 1,4-Dichlorobenzene	146	4.066	4.066	(1.004)	1115428	50.0000	47
	74 Benzyl Alcohol	108	4.195	4.195	(1.036)	730877	50.0000	51
	23 1,2-Dichlorobenzene	146	4.219	4.219	(1.042)	1050488	50.0000	47

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8549.d
Report Date: 07-Mar-2010 15:29

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	3	2-Methylphenol	108	4.319	4.319	(1.067)	909327	50.0000	48
	24	bis (2-chloroisopropyl) ether	45	4.337	4.337	(1.071)	1981253	50.0000	48
	4	4-Methylphenol	108	4.484	4.484	(1.107)	701518	50.0000	41
	121	3 & 4 Methylphenol	108	4.484	4.484	(1.107)	701518	50.0000	41
	104	Acetophenone	105	4.466	4.466	(1.103)	1174415	50.0000	46
	25	N-Nitroso-di-n-propylamine	70	4.478	4.478	(1.106)	627343	50.0000	46
	26	Hexachloroethane	117	4.560	4.560	(1.126)	504527	50.0000	48
$	76	Nitrobenzene-d5 (SUR)	82	4.613	4.613	(0.864)	1251313	50.0000	50
	107	N,N-Dimethylaniline	120	4.642	4.642	(1.147)	1325566	50.0000	44
	27	Nitrobenzene	77	4.637	4.637	(0.869)	1401662	50.0000	46
	28	Isophorone	82	4.878	4.878	(0.914)	1928853	50.0000	49
	6	2,4-Dimethylphenol	122	5.013	5.013	(0.939)	811914	50.0000	49
	5	2-Nitrophenol	139	4.954	4.954	(0.928)	513543	50.0000	50
	29	bis(2-Chloroethoxy)methane	93	5.107	5.107	(0.957)	1172925	50.0000	49
	7	2,4-Dichlorophenol	162	5.201	5.201	(0.975)	668156	50.0000	48
	30	1,2,4-Trichlorobenzene	180	5.284	5.284	(0.990)	807947	50.0000	47
*	80	Naphthalene-d8	136	5.337	5.337	(1.000)	1977059	40.0000	
	31	Naphthalene	128	5.360	5.360	(1.004)	2574409	50.0000	48
	32	4-Chloroaniline	127	5.419	5.419	(1.015)	1026028	50.0000	50
	33	Hexachlorobutadiene	225	5.495	5.495	(1.030)	491836	50.0000	46
	111	Caprolactam	113	5.795	5.795	(1.086)	223287	50.0000	53
	8	4-Chloro-3-methylphenol	107	5.925	5.925	(1.110)	720625	50.0000	51
	34	2-Methylnaphthalene	142	6.054	6.054	(1.134)	1452814	50.0000	48
	120	1-Methylnaphthalene	142	6.154	6.154	(1.153)	1420779	50.0000	49
	35	Hexachlorocyclopentadiene	237	6.225	6.225	(0.878)	485503	50.0000	47
	9	2,4,6-Trichlorophenol	196	6.342	6.342	(0.895)	399519	50.0000	48
	10	2,4,5-Trichlorophenol	196	6.383	6.383	(0.900)	401876	50.0000	48
$	77	2-Fluorobiphenyl (SUR)	172	6.431	6.431	(0.907)	1512219	50.0000	47
	102	Diphenyl	154	6.525	6.525	(0.920)	1551786	50.0000	45
	36	2-Chloronaphthalene	162	6.536	6.536	(0.922)	1220758	50.0000	47
	103	Diphenyl Ether	170	6.631	6.631	(0.935)	868419	50.0000	48
	37	2-Nitroaniline	65	6.648	6.648	(0.938)	554693	50.0000	50
	38	Dimethylphthalate	163	6.836	6.836	(0.964)	1159826	50.0000	50
	114	Coumarin	146	6.848	6.848	(1.283)	386468	50.0000	53
	40	2,6-Dinitrotoluene	165	6.889	6.889	(0.972)	282353	50.0000	52
	39	Acenaphthylene	152	6.948	6.948	(0.980)	1797343	50.0000	47
	41	3-Nitroaniline	138	7.054	7.054	(0.995)	310183	50.0000	52
*	82	Acenaphthene-d10	164	7.089	7.089	(1.000)	839067	40.0000	
	42	Acenaphthene	154	7.119	7.119	(1.004)	1018627	50.0000	46
	11	2,4-Dinitrophenol	184	7.154	7.154	(1.009)	137994	50.0000	50
	12	4-Nitrophenol	65	7.231	7.231	(1.020)	242155	50.0000	52
	43	Dibenzofuran	168	7.289	7.289	(1.028)	1417434	50.0000	46
	44	2,4-Dinitrotoluene	165	7.283	7.283	(1.027)	291353	50.0000	50
	45	Diethylphthalate	149	7.536	7.536	(1.063)	1076815	50.0000	50
	46	4-Chlorophenyl-phenylether	204	7.636	7.636	(1.077)	523830	50.0000	47
	47	Fluorene	166	7.625	7.625	(1.075)	1059315	50.0000	47
	48	4-Nitroaniline	138	7.654	7.654	(1.080)	253692	50.0000	52

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8549.d
Report Date: 07-Mar-2010 15:29

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
13	4,6-Dinitro-2-methylphenol	198	7.683	7.683	(0.899)	175076	50.0000	51
49	N-Nitrosodiphenylamine	169	7.754	7.754	(0.908)	711599	50.0000	49
75	1,2-Diphenylhydrazine	77	7.789	7.789	(0.912)	1623827	50.0000	48
$ 18	2,4,6-Tribromophenol (SUR)	330	7.866	7.866	(1.110)	184900	50.0000	50
50	4-Bromophenyl-phenylether	248	8.113	8.113	(0.950)	317288	50.0000	47(H)
112	Atrazine	200	8.283	8.283	(0.970)	234338	50.0000	49(H)
51	Hexachlorobenzene	284	8.178	8.178	(0.957)	355884	50.0000	47(H)
14	Pentachlorophenol	266	8.366	8.366	(0.979)	191651	50.0000	50(H)
* 83	Phenanthrene-d10	188	8.542	8.542	(1.000)	971137	40.0000	
52	Phenanthrene	178	8.566	8.566	(1.003)	1392597	50.0000	49(H)
53	Anthracene	178	8.619	8.619	(1.009)	1408749	50.0000	50
54	Carbazole	167	8.777	8.777	(1.028)	1100097	50.0000	51(H)
55	Di-n-butylphthalate	149	9.136	9.136	(1.070)	1367571	50.0000	50
56	Fluoranthene	202	9.730	9.730	(1.139)	1194982	50.0000	52
58	Benzidine	184	9.866	9.866	(1.155)	93059	50.0000	56(H)
57	Pyrene	202	9.948	9.948	(0.885)	1163621	50.0000	48
$ 78	Terphenyl-d14	244	10.113	10.113	(0.900)	834877	50.0000	47
59	Butylbenzylphthalate	149	10.624	10.624	(0.946)	440846	50.0000	50
109	2,3,7,8-TCDD (Screen)	320	10.713	10.713	(0.953)	1574	0.50000	0.57
63	bis(2-Ethylhexyl)phthalate	149	11.289	11.289	(1.005)	562249	50.0000	51
60	3,3'-Dichlorobenzidine	252	11.201	11.201	(0.997)	194517	50.0000	46
61	Benzo(a)anthracene	228	11.218	11.218	(0.998)	774064	50.0000	43
* 81	Chrysene-d12	240	11.236	11.236	(1.000)	557373	40.0000	
62	Chrysene	228	11.266	11.266	(1.003)	750116	50.0000	50
64	Di-n-octylphthalate	149	12.113	12.113	(0.927)	756143	50.0000	54
65	Benzo(b)fluoranthene	252	12.565	12.565	(0.962)	566880	50.0000	51
66	Benzo(k)fluoranthene	252	12.601	12.601	(0.964)	607482	50.0000	46
67	Benzo(a)pyrene	252	12.989	12.989	(0.994)	482645	50.0000	46
* 84	Perylene-d12	264	13.065	13.065	(1.000)	377079	40.0000	
68	Indeno(1,2,3-cd)pyrene	276	14.483	14.483	(1.108)	366863	50.0000	47
69	Dibenz(a,h)anthracene	278	14.518	14.518	(1.111)	402333	50.0000	50
70	Benzo(g,h,i)perylene	276	14.854	14.854	(1.137)	413254	50.0000	51

QC Flag Legend

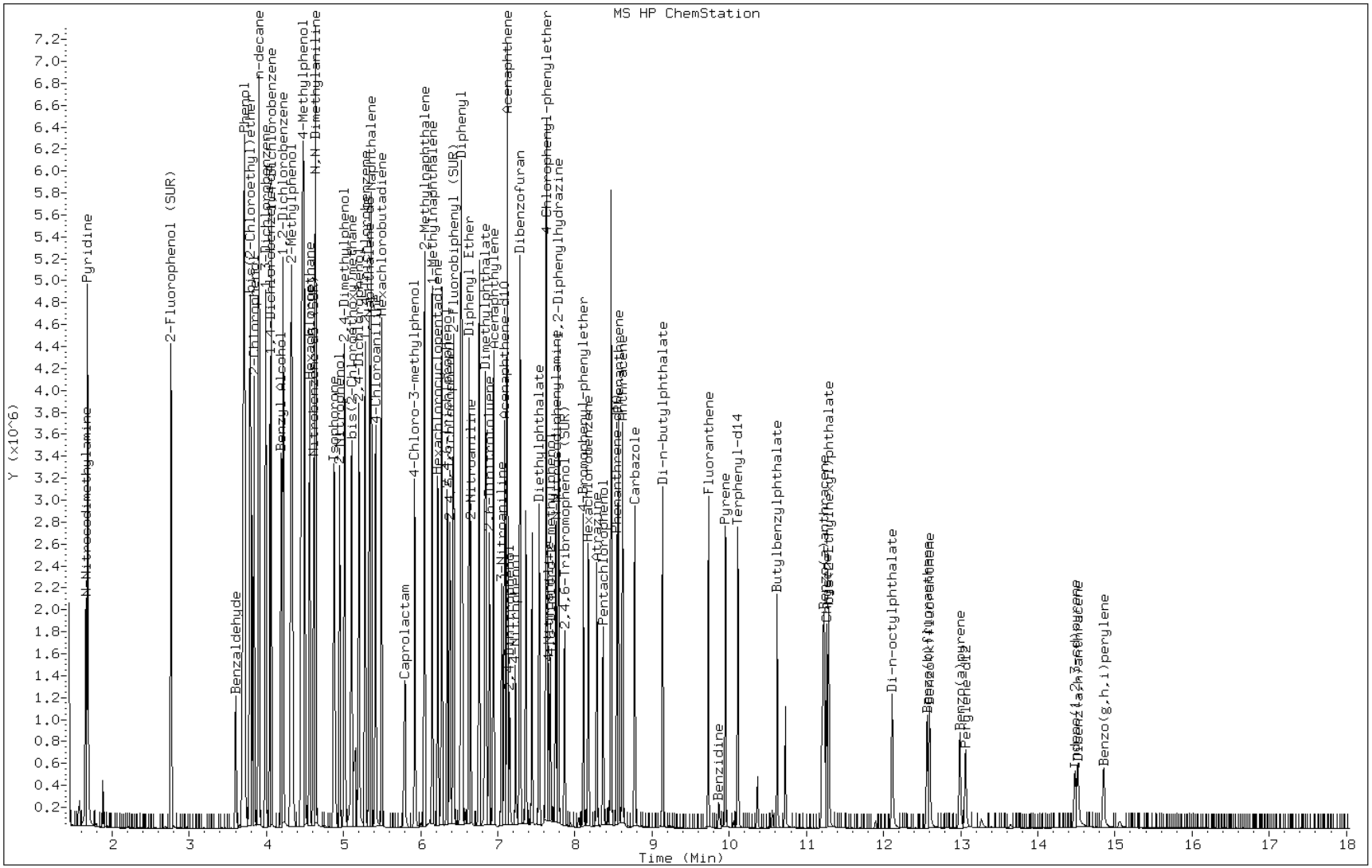
H - Operator selected an alternate compound hit.

Data File: z8549.d

Date: 07-MAR-2010 15:08

Client ID: Instrument: BNAMS11.i

Sample Info: CCVIS-376365 Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCV 460-31815/1 Calibration Date: 03/07/2010 19:17

Instrument ID: BNAMS11 Calib Start Date: 03/05/2010 20:33

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/05/2010 22:09

Lab File ID: z8559.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.8459	0.0000	0.0500	10.0	50000	-100.0*	25.0
N-Nitrosodimethylamine	Ave	1.166	1.127	0.0500	48300	50000	-3.3	25.0
Pyridine	Ave	1.991	1.862	0.0500	46700	50000	-6.5	25.0
Benzaldehyde	Ave	0.5722	0.5218	0.0500	45600	50000	-8.8	25.0
Phenol	Ave	2.014	1.859	0.0500	46200	50000	-7.7	25.0
Aniline	Ave	2.290	2.306	0.0500	50300	50000	0.7	25.0
Bis(2-chloroethyl)ether	Ave	1.823	1.671	0.0500	45800	50000	-8.4	25.0
2-Chlorophenol	Ave	1.632	1.569	0.0500	48100	50000	-3.8	25.0
n-Decane	Ave	2.254	2.141	0.0500	47500	50000	-5.0	25.0
1,3-Dichlorobenzene	Ave	1.743	1.667	0.0500	47800	50000	-4.4	25.0
1,4-Dichlorobenzene	Ave	1.680	1.625	0.0500	48400	50000	-3.3	25.0
Benzyl alcohol	Ave	1.014	1.012	0.0500	49900	50000	-0.1	25.0
1,2-Dichlorobenzene	Ave	1.591	1.538	0.0500	48300	50000	-3.3	25.0
2-Methylphenol	Ave	1.331	1.311	0.0500	49300	50000	-1.5	25.0
2,2'-oxybis[1-chloropropane]	Ave	2.900	2.802	0.0500	48300	50000	-3.4	25.0
Acetophenone	Ave	1.812	1.771	0.0500	48900	50000	-2.3	25.0
N-Nitrosodi-n-propylamine	Ave	0.9708	0.8996	0.0500	46300	50000	-7.3	25.0
3 & 4 Methylphenol	Ave	1.217	1.053	0.0500	43300	50000	-13.5	25.0
4-Methylphenol	Ave	1.217	1.053	0.0500	43300	50000	-13.5	25.0
Hexachloroethane	Ave	0.7519	0.7167	0.0500	47700	50000	-4.7	25.0
Nitrobenzene	Ave	0.6105	0.5714	0.0500	46800	50000	-6.4	25.0
n,n'-Dimethylaniline	Ave	2.122	1.968	0.0500	46400	50000	-7.3	25.0
Isophorone	Ave	0.7961	0.7776	0.0500	48800	50000	-2.3	25.0
2-Nitrophenol	Ave	0.2098	0.2081	0.0500	49600	50000	-0.8	25.0
2,4-Dimethylphenol	Ave	0.3348	0.3251	0.0500	48500	50000	-2.9	25.0
Bis(2-chloroethoxy)methane	Ave	0.4859	0.4741	0.0500	48800	50000	-2.4	25.0
2,4-Dichlorophenol	Ave	0.2786	0.2738	0.0500	49100	50000	-1.7	25.0
1,2,4-Trichlorobenzene	Ave	0.3488	0.3350	0.0500	48000	50000	-4.0	25.0
Naphthalene	Ave	1.093	1.054	0.0500	48200	50000	-3.5	25.0
4-Chloroaniline	Ave	0.4154	0.4109	0.0500	49500	50000	-1.1	25.0
Hexachlorobutadiene	Ave	0.2146	0.2085	0.0500	48600	50000	-2.9	25.0
Caprolactam	Ave	0.0858	0.0870	0.0500	50700	50000	1.4	25.0
4-Chloro-3-methylphenol	Ave	0.2872	0.2857	0.0500	49700	50000	-0.5	25.0
2-Methylnaphthalene	Ave	0.6144	0.5933	0.0500	48300	50000	-3.4	25.0
1-Methylnaphthalene	Ave	0.5898	0.5840	0.0500	49500	50000	-1.0	25.0
Hexachlorocyclopentadiene	Ave	0.4915	0.4433	0.0500	45100	50000	-9.8	25.0
2,4,6-Trichlorophenol	Ave	0.3968	0.3745	0.0500	47200	50000	-5.6	25.0
2,4,5-Trichlorophenol	Ave	0.3999	0.3877	0.0500	48500	50000	-3.0	25.0
1,1'-Biphenyl	Ave	1.636	1.537	0.0500	47000	50000	-6.1	25.0
2-Chloronaphthalene	Ave	1.235	1.182	0.0500	47900	50000	-4.2	25.0
Phenyl ether	Ave	0.8529	0.8368	0.0500	49100	50000	-1.9	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCV 460-31815/1 Calibration Date: 03/07/2010 19:17

Instrument ID: BNAMS11 Calib Start Date: 03/05/2010 20:33

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/05/2010 22:09

Lab File ID: z8559.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.5241	0.5298	0.0500	50500	50000	1.1	25.0
Dimethyl phthalate	Ave	1.113	1.115	0.0500	50100	50000	0.2	25.0
Coumarin	Ave	0.1473	0.1507	0.0500	51200	50000	2.3	25.0
2,6-Dinitrotoluene	Ave	0.2608	0.2691	0.0500	51600	50000	3.2	25.0
Acenaphthylene	Ave	1.827	1.772	0.0500	48500	50000	-3.0	25.0
3-Nitroaniline	Ave	0.2859	0.2884	0.0500	50400	50000	0.9	25.0
Acenaphthene	Ave	1.060	1.017	0.0500	48000	50000	-4.0	25.0
2,4-Dinitrophenol	Ave	0.1313	0.1022	0.0500	38900	50000	-22.2	25.0
4-Nitrophenol	Ave	0.2198	0.2155	0.0500	49000	50000	-2.0	25.0
2,4-Dinitrotoluene	Ave	0.2805	0.2818	0.0500	50200	50000	0.5	25.0
Dibenzofuran	Ave	1.456	1.411	0.0500	48500	50000	-3.1	25.0
Diethyl phthalate	Ave	1.033	1.047	0.0500	50700	50000	1.3	25.0
Fluorene	Ave	1.078	1.055	0.0500	48900	50000	-2.2	25.0
4-Chlorophenyl phenyl ether	Ave	0.5357	0.5197	0.0500	48500	50000	-3.0	25.0
4-Nitroaniline	Ave	0.2326	0.2454	0.0500	52800	50000	5.5	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1421	0.1283	0.0500	45100	50000	-9.7	25.0
N-Nitrosodiphenylamine	Ave	0.5983	0.5821	0.0500	48600	50000	-2.7	25.0
1,2-Diphenylhydrazine	Ave	1.401	1.327	0.0500	47400	50000	-5.3	25.0
4-Bromophenyl phenyl ether	Ave	0.2758	0.2620	0.0500	47500	50000	-5.0	25.0
Hexachlorobenzene	Ave	0.3132	0.2978	0.0500	47500	50000	-4.9	25.0
Atrazine	Ave	0.1972	0.1957	0.0500	49600	50000	-0.8	25.0
Pentachlorophenol	Ave	0.1575	0.1371	0.0500	43500	50000	-13.0	25.0
Phenanthrene	Ave	1.164	1.134	0.0500	48700	50000	-2.5	25.0
Anthracene	Ave	1.170	1.142	0.0500	48800	50000	-2.4	25.0
Carbazole	Ave	0.8892	0.8713	0.0500	49000	50000	-2.0	25.0
Di-n-butyl phthalate	Ave	1.114	1.141	0.0500	51200	50000	2.4	25.0
Fluoranthene	Ave	0.9413	0.9464	0.0500	50300	50000	0.5	25.0
Benzidine	Ave	0.0680	0.0963	0.0500	70800	50000	41.7*	25.0
Pyrene	Ave	1.755	1.689	0.0500	48100	50000	-3.7	25.0
Butyl benzyl phthalate	Ave	0.6309	0.6485	0.0500	51400	50000	2.8	25.0
3,3'-Dichlorobenzidine	Ave	0.3031	0.3118	0.0500	51400	50000	2.9	25.0
Benzo[a]anthracene	Ave	1.280	1.099	0.0500	42900	50000	-14.1	25.0
Chrysene	Ave	1.072	1.105	0.0500	51500	50000	3.0	25.0
Bis(2-ethylhexyl) phthalate	Ave	0.7923	0.8451	0.0500	53300	50000	6.7	25.0
Di-n-octyl phthalate	Ave	1.497	1.590	0.0500	53100	50000	6.3	25.0
Benzo[b]fluoranthene	Ave	1.182	1.178	0.0500	49800	50000	-0.4	25.0
Benzo[k]fluoranthene	Ave	1.394	1.251	0.0500	44900	50000	-10.3	25.0
Benzo[a]pyrene	Ave	1.111	1.022	0.0500	46000	50000	-7.9	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.8213	0.9134	0.0500	55600	50000	11.2	25.0
Dibenz(a,h)anthracene	Ave	0.8545	0.9012	0.0500	52700	50000	5.5	25.0
Benzo[g,h,i]perylene	Ave	0.8654	0.9609	0.0500	55500	50000	11.0	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCV 460-31815/1 Calibration Date: 03/07/2010 19:17

Instrument ID: BNAMS11 Calib Start Date: 03/05/2010 20:33

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/05/2010 22:09

Lab File ID: z8559.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Fluorophenol (Surr)	Ave	1.691	1.585	0.0500	46800	50000	-6.3	25.0
Phenol-d5 (Surr)	Ave	1.889	1.827	0.0500	48400	50000	-3.3	25.0
Nitrobenzene-d5 (Surr)	Ave	0.5058	0.5032	0.0500	49700	50000	-0.5	25.0
2-Fluorobiphenyl	Ave	1.533	1.473	0.0500	48000	50000	-3.9	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1754	0.1788	0.0500	51000	50000	1.9	25.0
Terphenyl-d14 (Surr)	Ave	1.264	1.229	0.0500	48600	50000	-2.8	25.0

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10bbr.b/z8559.d
Report Date: 11-Mar-2010 14:05

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10bbr.b/z8559.d
Lab Smp Id: CCV-376365
Inj Date : 07-MAR-2010 19:17
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : CCV-376365
Misc Info : 50 ug/ul BNA 4439
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/07mar10bbr.b/8270Cdel_08.m
Meth Date : 11-Mar-2010 14:05 rusin Quant Type: ISTD
Cal Date : 07-MAR-2010 19:17 Cal File: z8559.d
Als bottle: 12 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.672	1.672	(0.413)	794857	50.0000	48
	71 Pyridine	79	1.696	1.696	(0.419)	1312649	50.0000	47
$	16 2-Fluorophenol (SUR)	112	2.772	2.772	(0.685)	1117291	50.0000	47
	110 Benzaldehyde	77	3.601	3.601	(0.890)	367951	50.0000	46
$	17 Phenol-d5 (SUR)	99	3.701	3.701	(0.914)	1288237	50.0000	48
	1 Phenol	94	3.713	3.713	(0.917)	1311015	50.0000	46
	73 Aniline	93	3.719	3.719	(0.919)	1625834	50.0000	50
	20 bis(2-Chloroethyl)ether	93	3.790	3.790	(0.936)	1177997	50.0000	46
	113 n-decane	43	3.907	3.907	(0.965)	1509818	50.0000	47
	2 2-Chlorophenol	128	3.843	3.843	(0.949)	1106550	50.0000	48
	21 1,3-Dichlorobenzene	146	3.995	3.995	(0.987)	1175212	50.0000	48
*	79 1,4-Dichlorobenzene-d4	152	4.048	4.048	(1.000)	564094	40.0000	
	22 1,4-Dichlorobenzene	146	4.066	4.066	(1.004)	1146116	50.0000	48
	74 Benzyl Alcohol	108	4.201	4.201	(1.038)	713784	50.0000	50
	23 1,2-Dichlorobenzene	146	4.219	4.219	(1.042)	1084475	50.0000	48

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10bbr.b/z8559.d
Report Date: 11-Mar-2010 14:05

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	3 2-Methylphenol	108	4.319	4.319	(1.067)	924568	50.0000	49
	24 bis (2-chloroisopropyl) ether	45	4.337	4.337	(1.071)	1975924	50.0000	48
	4 4-Methylphenol	108	4.484	4.484	(1.107)	742381	50.0000	43
	121 3 & 4 Methylphenol	108	4.484	4.484	(1.107)	742381	50.0000	43
	104 Acetophenone	105	4.466	4.466	(1.103)	1248697	50.0000	49
	25 N-Nitroso-di-n-propylamine	70	4.478	4.478	(1.106)	634328	50.0000	46
	26 Hexachloroethane	117	4.560	4.560	(1.126)	505342	50.0000	48
$	76 Nitrobenzene-d5 (SUR)	82	4.613	4.613	(0.864)	1268864	50.0000	50
	107 N,N-Dimethylaniline	120	4.643	4.643	(1.147)	1387901	50.0000	46
	27 Nitrobenzene	77	4.637	4.637	(0.869)	1440912	50.0000	47
	28 Isophorone	82	4.878	4.878	(0.914)	1961045	50.0000	49
	6 2,4-Dimethylphenol	122	5.013	5.013	(0.939)	819722	50.0000	48
	5 2-Nitrophenol	139	4.954	4.954	(0.928)	524664	50.0000	50
	29 bis(2-Chloroethoxy)methane	93	5.107	5.107	(0.957)	1195598	50.0000	49
	7 2,4-Dichlorophenol	162	5.201	5.201	(0.975)	690579	50.0000	49
	30 1,2,4-Trichlorobenzene	180	5.284	5.284	(0.990)	844753	50.0000	48
*	80 Naphthalene-d8	136	5.337	5.337	(1.000)	2017472	40.0000	
	31 Naphthalene	128	5.354	5.354	(1.003)	2658807	50.0000	48
	32 4-Chloroaniline	127	5.419	5.419	(1.015)	1036314	50.0000	49
	33 Hexachlorobutadiene	225	5.495	5.495	(1.030)	525808	50.0000	48
	111 Caprolactam	113	5.795	5.795	(1.086)	219282	50.0000	51
	8 4-Chloro-3-methylphenol	107	5.925	5.925	(1.110)	720460	50.0000	50
	34 2-Methylnaphthalene	142	6.054	6.054	(1.134)	1496228	50.0000	48
	120 1-Methylnaphthalene	142	6.148	6.148	(1.152)	1472830	50.0000	50
	35 Hexachlorocyclopentadiene	237	6.219	6.219	(0.878)	470833	50.0000	45
	9 2,4,6-Trichlorophenol	196	6.342	6.342	(0.895)	397789	50.0000	47
	10 2,4,5-Trichlorophenol	196	6.384	6.384	(0.901)	411777	50.0000	48
$	77 2-Fluorobiphenyl (SUR)	172	6.425	6.425	(0.907)	1564265	50.0000	48
	102 Diphenyl	154	6.525	6.525	(0.921)	1632211	50.0000	47
	36 2-Chloronaphthalene	162	6.536	6.536	(0.923)	1255976	50.0000	48
	103 Diphenyl Ether	170	6.631	6.631	(0.936)	888871	50.0000	49
	37 2-Nitroaniline	65	6.642	6.642	(0.938)	562737	50.0000	50
	38 Dimethylphthalate	163	6.836	6.836	(0.965)	1184385	50.0000	50
	114 Coumarin	146	6.848	6.848	(1.283)	380018	50.0000	51
	40 2,6-Dinitrotoluene	165	6.889	6.889	(0.973)	285849	50.0000	52
	39 Acenaphthylene	152	6.942	6.942	(0.980)	1881668	50.0000	48
	41 3-Nitroaniline	138	7.054	7.054	(0.996)	306323	50.0000	50
*	82 Acenaphthene-d10	164	7.084	7.084	(1.000)	849739	40.0000	
	42 Acenaphthene	154	7.119	7.119	(1.005)	1079924	50.0000	48
	11 2,4-Dinitrophenol	184	7.154	7.154	(1.010)	108521	50.0000	39
	12 4-Nitrophenol	65	7.231	7.231	(1.021)	228875	50.0000	49
	43 Dibenzofuran	168	7.289	7.289	(1.029)	1499038	50.0000	48
	44 2,4-Dinitrotoluene	165	7.284	7.284	(1.028)	299266	50.0000	50
	45 Diethylphthalate	149	7.531	7.531	(1.063)	1112098	50.0000	51
	46 4-Chlorophenyl-phenylether	204	7.631	7.631	(1.077)	552026	50.0000	48
	47 Fluorene	166	7.625	7.625	(1.076)	1120690	50.0000	49
	48 4-Nitroaniline	138	7.654	7.654	(1.081)	260701	50.0000	53

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10bbr.b/z8559.d
Report Date: 11-Mar-2010 14:05

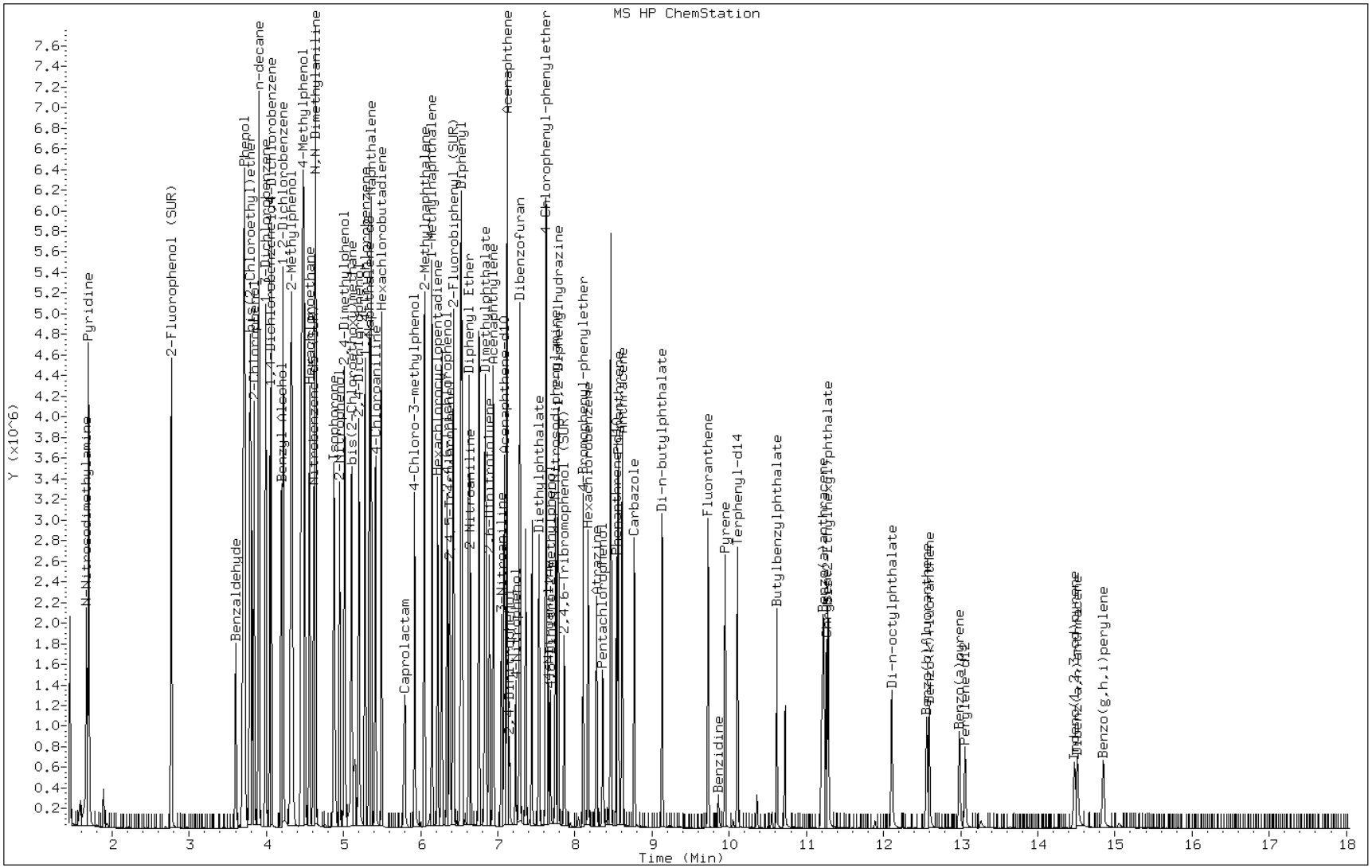
			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	13	4,6-Dinitro-2-methylphenol	198	7.683	7.683	(0.899)	160657	50.0000	45
	49	N-Nitrosodiphenylamine	169	7.748	7.748	(0.907)	728953	50.0000	49
	75	1,2-Diphenylhydrazine	77	7.783	7.783	(0.911)	1662126	50.0000	47
$	18	2,4,6-Tribromophenol (SUR)	330	7.860	7.860	(1.110)	189895	50.0000	51
	50	4-Bromophenyl-phenylether	248	8.107	8.107	(0.949)	328061	50.0000	47
	112	Atrazine	200	8.283	8.283	(0.970)	245058	50.0000	50
	51	Hexachlorobenzene	284	8.172	8.172	(0.957)	372932	50.0000	48
	14	Pentachlorophenol	266	8.366	8.366	(0.979)	171645	50.0000	44
*	83	Phenanthrene-d10	188	8.542	8.542	(1.000)	1001896	40.0000	
	52	Phenanthrene	178	8.566	8.566	(1.003)	1420623	50.0000	49
	53	Anthracene	178	8.613	8.613	(1.008)	1429669	50.0000	49
	54	Carbazole	167	8.772	8.772	(1.027)	1091156	50.0000	49
	55	Di-n-butylphthalate	149	9.130	9.130	(1.069)	1428713	50.0000	51
	56	Fluoranthene	202	9.725	9.725	(1.138)	1185240	50.0000	50
	58	Benzidine	184	9.860	9.860	(1.154)	120645	50.0000	71
	57	Pyrene	202	9.948	9.948	(0.886)	1174005	50.0000	48
$	78	Terphenyl-d14	244	10.107	10.107	(0.900)	853963	50.0000	49
	59	Butylbenzylphthalate	149	10.619	10.619	(0.946)	450753	50.0000	51
	109	2,3,7,8-TCDD (Screen)	320	10.713	10.713	(0.954)	1492	0.50000	0.54
	63	bis(2-Ethylhexyl)phthalate	149	11.283	11.283	(1.005)	587425	50.0000	53
	60	3,3'-Dichlorobenzidine	252	11.195	11.195	(0.997)	216694	50.0000	51
	61	Benzo(a)anthracene	228	11.219	11.219	(0.999)	763922	50.0000	43
*	81	Chrysene-d12	240	11.230	11.230	(1.000)	556067	40.0000	
	62	Chrysene	228	11.260	11.260	(1.003)	767887	50.0000	52
	64	Di-n-octylphthalate	149	12.107	12.107	(0.927)	815678	50.0000	53
	65	Benzo(b)fluoranthene	252	12.560	12.560	(0.962)	604000	50.0000	50
	66	Benzo(k)fluoranthene	252	12.595	12.595	(0.964)	641470	50.0000	45
	67	Benzo(a)pyrene	252	12.983	12.983	(0.994)	524470	50.0000	46
*	84	Perylene-d12	264	13.060	13.060	(1.000)	410360	40.0000	
	68	Indeno(1,2,3-cd)pyrene	276	14.477	14.477	(1.109)	468509	50.0000	56
	69	Dibenz(a,h)anthracene	278	14.512	14.512	(1.111)	462252	50.0000	53
	70	Benzo(g,h,i)perylene	276	14.848	14.848	(1.137)	492892	50.0000	56

Data File: z8559.d

Date: 07-MAR-2010 19:17

Client ID: Instrument: BNAMS11.i

Sample Info: CCV-376365 Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCV 460-31816/1 Calibration Date: 03/07/2010 20:54

Instrument ID: BNAMS11 Calib Start Date: 03/05/2010 20:33

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/05/2010 22:09

Lab File ID: z8563.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.8459	0.0000	0.0500	10.0	50000	-100.0*	25.0
N-Nitrosodimethylamine	Ave	1.166	1.140	0.0500	48900	50000	-2.2	25.0
Pyridine	Ave	1.991	1.868	0.0500	46900	50000	-6.2	25.0
Benzaldehyde	Ave	0.5722	0.5585	0.0500	48800	50000	-2.4	25.0
Phenol	Ave	2.014	1.797	0.0500	44600	50000	-10.8	25.0
Aniline	Ave	2.290	2.257	0.0500	49300	50000	-1.5	25.0
Bis(2-chloroethyl)ether	Ave	1.823	1.614	0.0500	44300	50000	-11.5	25.0
2-Chlorophenol	Ave	1.632	1.539	0.0500	47200	50000	-5.7	25.0
n-Decane	Ave	2.254	2.099	0.0500	46600	50000	-6.9	25.0
1,3-Dichlorobenzene	Ave	1.743	1.644	0.0500	47200	50000	-5.7	25.0
1,4-Dichlorobenzene	Ave	1.680	1.583	0.0500	47100	50000	-5.8	25.0
Benzyl alcohol	Ave	1.014	1.003	0.0500	49500	50000	-1.1	25.0
1,2-Dichlorobenzene	Ave	1.591	1.504	0.0500	47300	50000	-5.5	25.0
2-Methylphenol	Ave	1.331	1.265	0.0500	47500	50000	-4.9	25.0
2,2'-oxybis[1-chloropropane]	Ave	2.900	2.790	0.0500	48100	50000	-3.8	25.0
Acetophenone	Ave	1.812	1.672	0.0500	46100	50000	-7.7	25.0
N-Nitrosodi-n-propylamine	Ave	0.9708	0.8581	0.0500	44200	50000	-11.6	25.0
3 & 4 Methylphenol	Ave	1.217	1.013	0.0500	41600	50000	-16.7	25.0
4-Methylphenol	Ave	1.217	1.013	0.0500	41600	50000	-16.7	25.0
Hexachloroethane	Ave	0.7519	0.7185	0.0500	47800	50000	-4.4	25.0
Nitrobenzene	Ave	0.6105	0.5732	0.0500	46900	50000	-6.1	25.0
n,n'-Dimethylaniline	Ave	2.122	1.900	0.0500	44800	50000	-10.5	25.0
Isophorone	Ave	0.7961	0.7806	0.0500	49000	50000	-1.9	25.0
2-Nitrophenol	Ave	0.2098	0.2065	0.0500	49200	50000	-1.6	25.0
2,4-Dimethylphenol	Ave	0.3348	0.3261	0.0500	48700	50000	-2.6	25.0
Bis(2-chloroethoxy)methane	Ave	0.4859	0.4740	0.0500	48800	50000	-2.5	25.0
2,4-Dichlorophenol	Ave	0.2786	0.2693	0.0500	48300	50000	-3.3	25.0
1,2,4-Trichlorobenzene	Ave	0.3488	0.3309	0.0500	47400	50000	-5.1	25.0
Naphthalene	Ave	1.093	1.051	0.0500	48100	50000	-3.8	25.0
4-Chloroaniline	Ave	0.4154	0.4108	0.0500	49400	50000	-1.1	25.0
Hexachlorobutadiene	Ave	0.2146	0.2039	0.0500	47500	50000	-5.0	25.0
Caprolactam	Ave	0.0858	0.0849	0.0500	49500	50000	-1.1	25.0
4-Chloro-3-methylphenol	Ave	0.2872	0.2840	0.0500	49400	50000	-1.1	25.0
2-Methylnaphthalene	Ave	0.6144	0.5782	0.0500	47100	50000	-5.9	25.0
1-Methylnaphthalene	Ave	0.5898	0.5751	0.0500	48700	50000	-2.5	25.0
Hexachlorocyclopentadiene	Ave	0.4915	0.4373	0.0500	44500	50000	-11.0	25.0
2,4,6-Trichlorophenol	Ave	0.3968	0.3883	0.0500	48900	50000	-2.1	25.0
2,4,5-Trichlorophenol	Ave	0.3999	0.3881	0.0500	48500	50000	-2.9	25.0
1,1'-Biphenyl	Ave	1.636	1.549	0.0500	47300	50000	-5.3	25.0
2-Chloronaphthalene	Ave	1.235	1.209	0.0500	49000	50000	-2.1	25.0
Phenyl ether	Ave	0.8529	0.8251	0.0500	48400	50000	-3.3	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCV 460-31816/1 Calibration Date: 03/07/2010 20:54

Instrument ID: BNAMS11 Calib Start Date: 03/05/2010 20:33

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/05/2010 22:09

Lab File ID: z8563.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.5241	0.5312	0.0500	50700	50000	1.4	25.0
Dimethyl phthalate	Ave	1.113	1.093	0.0500	49100	50000	-1.7	25.0
Coumarin	Ave	0.1473	0.1493	0.0500	50700	50000	1.4	25.0
2,6-Dinitrotoluene	Ave	0.2608	0.2619	0.0500	50200	50000	0.4	25.0
Acenaphthylene	Ave	1.827	1.772	0.0500	48500	50000	-3.0	25.0
3-Nitroaniline	Ave	0.2859	0.2897	0.0500	50700	50000	1.3	25.0
Acenaphthene	Ave	1.060	0.9978	0.0500	47100	50000	-5.8	25.0
2,4-Dinitrophenol	Ave	0.1313	0.1059	0.0500	40300	50000	-19.4	25.0
4-Nitrophenol	Ave	0.2198	0.2177	0.0500	49500	50000	-1.0	25.0
2,4-Dinitrotoluene	Ave	0.2805	0.2779	0.0500	49500	50000	-0.9	25.0
Dibenzofuran	Ave	1.456	1.386	0.0500	47600	50000	-4.8	25.0
Diethyl phthalate	Ave	1.033	1.032	0.0500	49900	50000	-0.1	25.0
Fluorene	Ave	1.078	1.052	0.0500	48800	50000	-2.5	25.0
4-Chlorophenyl phenyl ether	Ave	0.5357	0.5114	0.0500	47700	50000	-4.5	25.0
4-Nitroaniline	Ave	0.2326	0.2320	0.0500	49900	50000	-0.3	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1421	0.1317	0.0500	46300	50000	-7.3	25.0
N-Nitrosodiphenylamine	Ave	0.5983	0.5962	0.0500	49800	50000	-0.4	25.0
1,2-Diphenylhydrazine	Ave	1.401	1.373	0.0500	49000	50000	-2.0	25.0
4-Bromophenyl phenyl ether	Ave	0.2758	0.2567	0.0500	46500	50000	-6.9	25.0
Hexachlorobenzene	Ave	0.3132	0.2963	0.0500	47300	50000	-5.4	25.0
Atrazine	Ave	0.1972	0.1926	0.0500	48800	50000	-2.3	25.0
Pentachlorophenol	Ave	0.1575	0.1420	0.0500	45100	50000	-9.9	25.0
Phenanthrene	Ave	1.164	1.130	0.0500	48500	50000	-2.9	25.0
Anthracene	Ave	1.170	1.152	0.0500	49200	50000	-1.5	25.0
Carbazole	Ave	0.8892	0.8908	0.0500	50100	50000	0.2	25.0
Di-n-butyl phthalate	Ave	1.114	1.145	0.0500	51400	50000	2.8	25.0
Fluoranthene	Ave	0.9413	0.9510	0.0500	50500	50000	1.0	25.0
Benzidine	Ave	0.0680	0.1000	0.0500	73600	50000	47.1*	25.0
Pyrene	Ave	1.755	1.677	0.0500	47800	50000	-4.4	25.0
Butyl benzyl phthalate	Ave	0.6309	0.6373	0.0500	50500	50000	1.0	25.0
3,3'-Dichlorobenzidine	Ave	0.3031	0.3122	0.0500	51500	50000	3.0	25.0
Benzo[a]anthracene	Ave	1.280	1.103	0.0500	43100	50000	-13.8	25.0
Chrysene	Ave	1.072	1.071	0.0500	49900	50000	-0.1	25.0
Bis(2-ethylhexyl) phthalate	Ave	0.7923	0.8174	0.0500	51600	50000	3.2	25.0
Di-n-octyl phthalate	Ave	1.497	1.562	0.0500	52200	50000	4.4	25.0
Benzo[b]fluoranthene	Ave	1.182	1.128	0.0500	47700	50000	-4.6	25.0
Benzo[k]fluoranthene	Ave	1.394	1.363	0.0500	48900	50000	-2.2	25.0
Benzo[a]pyrene	Ave	1.111	1.038	0.0500	46700	50000	-6.5	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.8213	0.9290	0.0500	56600	50000	13.1	25.0
Dibenz(a,h)anthracene	Ave	0.8545	0.9399	0.0500	55000	50000	10.0	25.0
Benzo[g,h,i]perylene	Ave	0.8654	1.020	0.0500	58900	50000	17.8	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCV 460-31816/1 Calibration Date: 03/07/2010 20:54

Instrument ID: BNAMS11 Calib Start Date: 03/05/2010 20:33

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/05/2010 22:09

Lab File ID: z8563.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Fluorophenol (Surr)	Ave	1.691	1.571	0.0500	46500	50000	-7.1	25.0
Phenol-d5 (Surr)	Ave	1.889	1.772	0.0500	46900	50000	-6.2	25.0
Nitrobenzene-d5 (Surr)	Ave	0.5058	0.5061	0.0500	50000	50000	0.1	25.0
2-Fluorobiphenyl	Ave	1.533	1.486	0.0500	48500	50000	-3.0	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1754	0.1745	0.0500	49700	50000	-0.5	25.0
Terphenyl-d14 (Surr)	Ave	1.264	1.206	0.0500	47700	50000	-4.6	25.0

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10cbr.b/z8563.d
Report Date: 11-Mar-2010 14:05

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10cbr.b/z8563.d
Lab Smp Id: CCV-376365
Inj Date : 07-MAR-2010 20:54
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : CCV-376365
Misc Info : 50 ug/ul BNA 4439
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/07mar10cbr.b/8270Cdel_08.m
Meth Date : 11-Mar-2010 14:05 rusin Quant Type: ISTD
Cal Date : 07-MAR-2010 20:54 Cal File: z8563.d
Als bottle: 16 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.666	1.666	(0.412)	831558	50.0000	49
	71 Pyridine	79	1.690	1.690	(0.417)	1362494	50.0000	47
$	16 2-Fluorophenol (SUR)	112	2.772	2.772	(0.685)	1146129	50.0000	46
	110 Benzaldehyde	77	3.601	3.601	(0.890)	407391	50.0000	49
$	17 Phenol-d5 (SUR)	99	3.701	3.701	(0.914)	1292837	50.0000	47
	1 Phenol	94	3.713	3.713	(0.917)	1310920	50.0000	45
	73 Aniline	93	3.719	3.719	(0.919)	1646211	50.0000	49
	20 bis(2-Chloroethyl)ether	93	3.790	3.790	(0.936)	1177340	50.0000	44
	113 n-decane	43	3.907	3.907	(0.965)	1531304	50.0000	46
	2 2-Chlorophenol	128	3.843	3.843	(0.949)	1122657	50.0000	47
	21 1,3-Dichlorobenzene	146	3.996	3.996	(0.987)	1199351	50.0000	47
*	79 1,4-Dichlorobenzene-d4	152	4.048	4.048	(1.000)	583519	40.0000	
	22 1,4-Dichlorobenzene	146	4.066	4.066	(1.004)	1154698	50.0000	47
	74 Benzyl Alcohol	108	4.196	4.196	(1.036)	731285	50.0000	49
	23 1,2-Dichlorobenzene	146	4.219	4.219	(1.042)	1097207	50.0000	47

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10cbr.b/z8563.d
Report Date: 11-Mar-2010 14:05

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	3 2-Methylphenol	108	4.319	4.319	(1.067)	922963	50.0000	48
	24 bis (2-chloroisopropyl) ether	45	4.337	4.337	(1.071)	2035242	50.0000	48
	4 4-Methylphenol	108	4.484	4.484	(1.107)	738913	50.0000	42
	121 3 & 4 Methylphenol	108	4.484	4.484	(1.107)	738913	50.0000	42
	104 Acetophenone	105	4.466	4.466	(1.103)	1219622	50.0000	46
	25 N-Nitroso-di-n-propylamine	70	4.478	4.478	(1.106)	625877	50.0000	44
	26 Hexachloroethane	117	4.560	4.560	(1.126)	524041	50.0000	48
$	76 Nitrobenzene-d5 (SUR)	82	4.613	4.613	(0.864)	1281477	50.0000	50
	107 N,N-Dimethylaniline	120	4.643	4.643	(1.147)	1385633	50.0000	45
	27 Nitrobenzene	77	4.637	4.637	(0.869)	1451207	50.0000	47
	28 Isophorone	82	4.878	4.878	(0.914)	1976357	50.0000	49
	6 2,4-Dimethylphenol	122	5.013	5.013	(0.939)	825756	50.0000	49
	5 2-Nitrophenol	139	4.954	4.954	(0.928)	522840	50.0000	49
	29 bis(2-Chloroethoxy)methane	93	5.107	5.107	(0.957)	1200134	50.0000	49
	7 2,4-Dichlorophenol	162	5.201	5.201	(0.975)	681781	50.0000	48
	30 1,2,4-Trichlorobenzene	180	5.284	5.284	(0.990)	837821	50.0000	47
*	80 Naphthalene-d8	136	5.337	5.337	(1.000)	2025583	40.0000	
	31 Naphthalene	128	5.354	5.354	(1.003)	2661057	50.0000	48
	32 4-Chloroaniline	127	5.419	5.419	(1.015)	1040171	50.0000	49
	33 Hexachlorobutadiene	225	5.495	5.495	(1.030)	516381	50.0000	48
	111 Caprolactam	113	5.795	5.795	(1.086)	214866	50.0000	49
	8 4-Chloro-3-methylphenol	107	5.925	5.925	(1.110)	719024	50.0000	49
	34 2-Methylnaphthalene	142	6.054	6.054	(1.134)	1463899	50.0000	47
	120 1-Methylnaphthalene	142	6.148	6.148	(1.152)	1456012	50.0000	49
	35 Hexachlorocyclopentadiene	237	6.219	6.219	(0.878)	453022	50.0000	44
	9 2,4,6-Trichlorophenol	196	6.342	6.342	(0.895)	402253	50.0000	49
	10 2,4,5-Trichlorophenol	196	6.384	6.384	(0.901)	402061	50.0000	48
$	77 2-Fluorobiphenyl (SUR)	172	6.425	6.425	(0.907)	1539713	50.0000	48
	102 Diphenyl	154	6.525	6.525	(0.921)	1604811	50.0000	47
	36 2-Chloronaphthalene	162	6.537	6.537	(0.923)	1252301	50.0000	49
	103 Diphenyl Ether	170	6.625	6.625	(0.935)	854764	50.0000	48
	37 2-Nitroaniline	65	6.642	6.642	(0.938)	550303	50.0000	51
	38 Dimethylphthalate	163	6.837	6.837	(0.965)	1132496	50.0000	49
	114 Coumarin	146	6.842	6.842	(1.282)	378106	50.0000	51
	40 2,6-Dinitrotoluene	165	6.889	6.889	(0.973)	271340	50.0000	50
	39 Acenaphthylene	152	6.942	6.942	(0.980)	1835987	50.0000	48
	41 3-Nitroaniline	138	7.048	7.048	(0.995)	300092	50.0000	51
*	82 Acenaphthene-d10	164	7.084	7.084	(1.000)	828786	40.0000	
	42 Acenaphthene	154	7.119	7.119	(1.005)	1033715	50.0000	47
	11 2,4-Dinitrophenol	184	7.154	7.154	(1.010)	109685	50.0000	40
	12 4-Nitrophenol	65	7.231	7.231	(1.021)	225501	50.0000	50
	43 Dibenzofuran	168	7.289	7.289	(1.029)	1436089	50.0000	48
	44 2,4-Dinitrotoluene	165	7.284	7.284	(1.028)	287875	50.0000	50
	45 Diethylphthalate	149	7.531	7.531	(1.063)	1069165	50.0000	50
	46 4-Chlorophenyl-phenylether	204	7.631	7.631	(1.077)	529746	50.0000	48
	47 Fluorene	166	7.625	7.625	(1.076)	1089579	50.0000	49
	48 4-Nitroaniline	138	7.648	7.648	(1.080)	240352	50.0000	50

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10cbr.b/z8563.d
Report Date: 11-Mar-2010 14:05

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	13 4,6-Dinitro-2-methylphenol	198	7.684	7.684	(0.900)	157022	50.0000	46
	49 N-Nitrosodiphenylamine	169	7.748	7.748	(0.908)	710816	50.0000	50
	75 1,2-Diphenylhydrazine	77	7.784	7.784	(0.912)	1636560	50.0000	49
$	18 2,4,6-Tribromophenol (SUR)	330	7.860	7.860	(1.110)	180735	50.0000	50
	50 4-Bromophenyl-phenylether	248	8.107	8.107	(0.950)	306129	50.0000	46
	112 Atrazine	200	8.278	8.278	(0.970)	229655	50.0000	49
	51 Hexachlorobenzene	284	8.172	8.172	(0.957)	353229	50.0000	47
	14 Pentachlorophenol	266	8.360	8.360	(0.979)	169306	50.0000	45
*	83 Phenanthrene-d10	188	8.536	8.536	(1.000)	953880	40.0000	
	52 Phenanthrene	178	8.560	8.560	(1.003)	1347201	50.0000	48
	53 Anthracene	178	8.613	8.613	(1.009)	1374021	50.0000	49
	54 Carbazole	167	8.772	8.772	(1.028)	1062176	50.0000	50
	55 Di-n-butylphthalate	149	9.130	9.130	(1.070)	1365415	50.0000	51
	56 Fluoranthene	202	9.725	9.725	(1.139)	1133865	50.0000	50
	58 Benzidine	184	9.860	9.860	(1.155)	119275	50.0000	74
	57 Pyrene	202	9.942	9.942	(0.886)	1115846	50.0000	48
$	78 Terphenyl-d14	244	10.107	10.107	(0.900)	802693	50.0000	48
	59 Butylbenzylphthalate	149	10.613	10.613	(0.946)	424017	50.0000	50
	109 2,3,7,8-TCDD (Screen)	320	10.713	10.713	(0.954)	1289	0.50000	0.49(a)
	63 bis(2-Ethylhexyl)phthalate	149	11.283	11.283	(1.005)	543882	50.0000	52
	60 3,3'-Dichlorobenzidine	252	11.195	11.195	(0.997)	207705	50.0000	52
	61 Benzo(a)anthracene	228	11.213	11.213	(0.999)	733950	50.0000	43
*	81 Chrysene-d12	240	11.224	11.224	(1.000)	532286	40.0000	
	62 Chrysene	228	11.254	11.254	(1.003)	712454	50.0000	50
	64 Di-n-octylphthalate	149	12.101	12.101	(0.927)	757084	50.0000	52
	65 Benzo(b)fluoranthene	252	12.560	12.560	(0.962)	546518	50.0000	48
	66 Benzo(k)fluoranthene	252	12.595	12.595	(0.964)	660732	50.0000	49
	67 Benzo(a)pyrene	252	12.983	12.983	(0.994)	503166	50.0000	47
*	84 Perylene-d12	264	13.060	13.060	(1.000)	387715	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.477	14.477	(1.109)	450233	50.0000	56
	69 Dibenz(a,h)anthracene	278	14.512	14.512	(1.111)	455535	50.0000	55
	70 Benzo(g,h,i)perylene	276	14.848	14.848	(1.137)	494129	50.0000	59

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: z8563.d

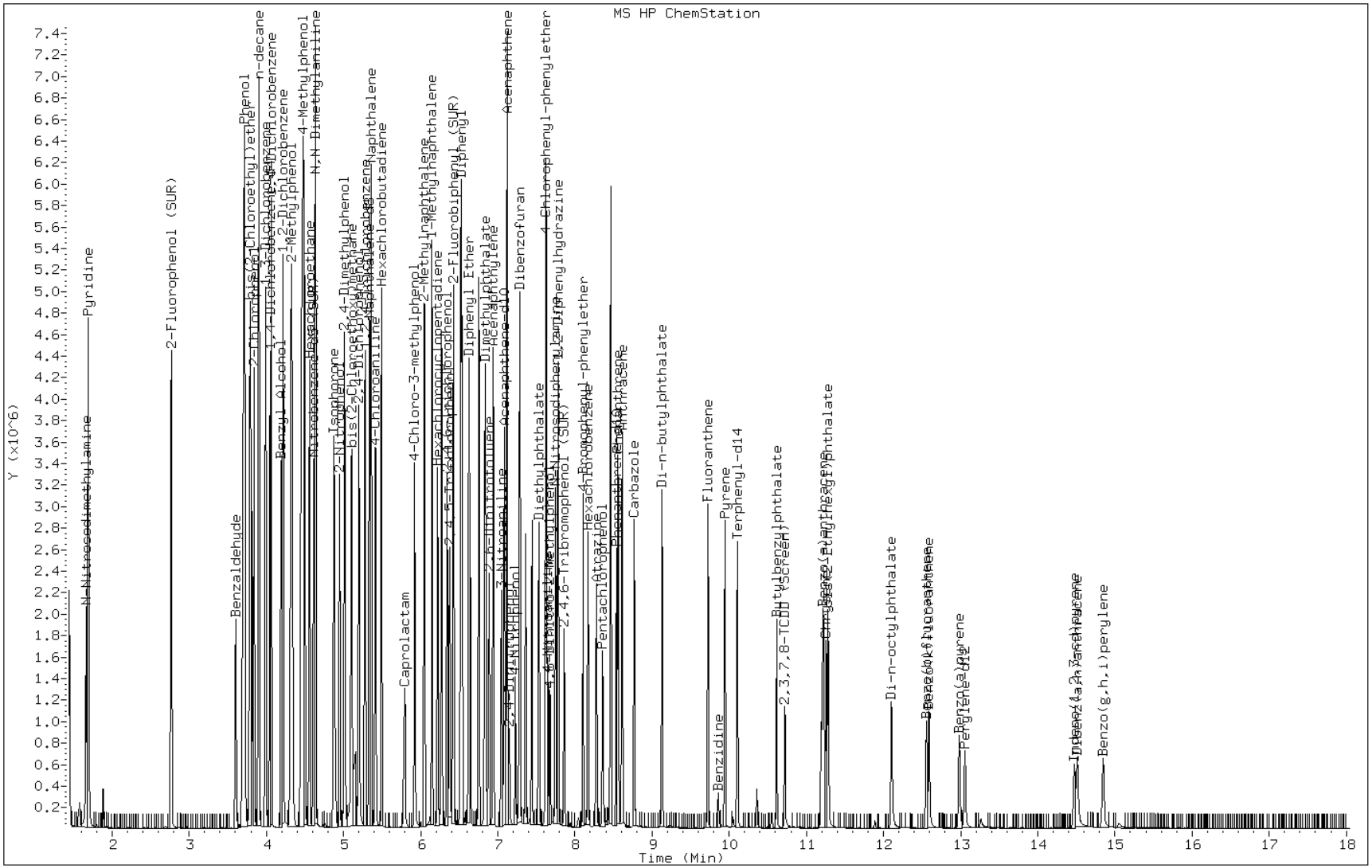
Date: 07-MAR-2010 20:54

Client ID:

Instrument: BNAMS11.i

Sample Info: CCV-376365

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCVIS 460-31823/2 Calibration Date: 03/08/2010 15:06

Instrument ID: BNAMS11 Calib Start Date: 03/05/2010 20:33

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/05/2010 22:09

Lab File ID: z8570.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.8459	0.7971	0.0500	47100	50000	-5.8	25.0
N-Nitrosodimethylamine	Ave	1.166	1.061	0.0500	45500	50000	-9.0	25.0
Pyridine	Ave	1.991	1.808	0.0500	45400	50000	-9.2	25.0
Benzaldehyde	Ave	0.5722	0.2776	0.0500	24300	50000	-51.5*	25.0
Phenol	Ave	2.014	1.807	0.0500	44900	50000	-10.3	25.0
Aniline	Ave	2.290	2.232	0.0500	48700	50000	-2.5	25.0
Bis(2-chloroethyl)ether	Ave	1.823	1.557	0.0500	42700	50000	-14.6	25.0
2-Chlorophenol	Ave	1.632	1.518	0.0500	46500	50000	-7.0	25.0
n-Decane	Ave	2.254	2.259	0.0500	50100	50000	0.2	25.0
1,3-Dichlorobenzene	Ave	1.743	1.664	0.0500	47700	50000	-4.5	25.0
1,4-Dichlorobenzene	Ave	1.680	1.617	0.0500	48100	50000	-3.8	25.0
Benzyl alcohol	Ave	1.014	0.9772	0.0500	48200	50000	-3.6	25.0
1,2-Dichlorobenzene	Ave	1.591	1.514	0.0500	47600	50000	-4.9	25.0
2-Methylphenol	Ave	1.331	1.213	0.0500	45600	50000	-8.9	25.0
2,2'-oxybis[1-chloropropane]	Ave	2.900	2.791	0.0500	48100	50000	-3.8	25.0
Acetophenone	Ave	1.812	1.609	0.0500	44400	50000	-11.2	25.0
3 & 4 Methylphenol	Ave	1.217	1.126	0.0500	46300	50000	-7.4	25.0
4-Methylphenol	Ave	1.217	1.126	0.0500	46300	50000	-7.4	25.0
N-Nitrosodi-n-propylamine	Ave	0.9708	0.8726	0.0500	44900	50000	-10.1	25.0
Hexachloroethane	Ave	0.7519	0.7210	0.0500	47900	50000	-4.1	25.0
Nitrobenzene	Ave	0.6105	0.5729	0.0500	46900	50000	-6.2	25.0
n,n'-Dimethylaniline	Ave	2.122	1.878	0.0500	44200	50000	-11.5	25.0
Isophorone	Ave	0.7961	0.7263	0.0500	45600	50000	-8.8	25.0
2-Nitrophenol	Ave	0.2098	0.2043	0.0500	48700	50000	-2.6	25.0
2,4-Dimethylphenol	Ave	0.3348	0.3169	0.0500	47300	50000	-5.3	25.0
Bis(2-chloroethoxy)methane	Ave	0.4859	0.4569	0.0500	47000	50000	-6.0	25.0
2,4-Dichlorophenol	Ave	0.2786	0.2620	0.0500	47000	50000	-6.0	25.0
1,2,4-Trichlorobenzene	Ave	0.3488	0.3269	0.0500	46900	50000	-6.3	25.0
Naphthalene	Ave	1.093	1.048	0.0500	48000	50000	-4.1	25.0
4-Chloroaniline	Ave	0.4154	0.3962	0.0500	47700	50000	-4.6	25.0
Hexachlorobutadiene	Ave	0.2146	0.2043	0.0500	47600	50000	-4.8	25.0
Caprolactam	Ave	0.0858	0.0766	0.0500	44700	50000	-10.7	25.0
4-Chloro-3-methylphenol	Ave	0.2872	0.2675	0.0500	46600	50000	-6.8	25.0
2-Methylnaphthalene	Ave	0.6144	0.5695	0.0500	46300	50000	-7.3	25.0
1-Methylnaphthalene	Ave	0.5898	0.5674	0.0500	48100	50000	-3.8	25.0
Hexachlorocyclopentadiene	Ave	0.4915	0.5216	0.0500	53100	50000	6.1	25.0
2,4,6-Trichlorophenol	Ave	0.3968	0.3867	0.0500	48700	50000	-2.5	25.0
2,4,5-Trichlorophenol	Ave	0.3999	0.3943	0.0500	49300	50000	-1.4	25.0
1,1'-Biphenyl	Ave	1.636	1.601	0.0500	48900	50000	-2.2	25.0
2-Chloronaphthalene	Ave	1.235	1.235	0.0500	50000	50000	0.0	25.0
Phenyl ether	Ave	0.8529	0.8566	0.0500	50200	50000	0.4	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCVIS 460-31823/2 Calibration Date: 03/08/2010 15:06

Instrument ID: BNAMS11 Calib Start Date: 03/05/2010 20:33

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/05/2010 22:09

Lab File ID: z8570.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.5241	0.5245	0.0500	50000	50000	0.1	25.0
Dimethyl phthalate	Ave	1.113	1.071	0.0500	48200	50000	-3.7	25.0
Coumarin	Ave	0.1473	0.1349	0.0500	45800	50000	-8.4	25.0
2,6-Dinitrotoluene	Ave	0.2608	0.2618	0.0500	50200	50000	0.4	25.0
Acenaphthylene	Ave	1.827	1.795	0.0500	49100	50000	-1.7	25.0
3-Nitroaniline	Ave	0.2859	0.2750	0.0500	48100	50000	-3.8	25.0
Acenaphthene	Ave	1.060	1.039	0.0500	49100	50000	-1.9	25.0
2,4-Dinitrophenol	Ave	0.1313	0.1255	0.0500	47800	50000	-4.4	25.0
4-Nitrophenol	Ave	0.2198	0.2051	0.0500	46700	50000	-6.7	25.0
2,4-Dinitrotoluene	Ave	0.2805	0.2660	0.0500	47400	50000	-5.2	25.0
Dibenzofuran	Ave	1.456	1.417	0.0500	48700	50000	-2.7	25.0
Diethyl phthalate	Ave	1.033	0.9919	0.0500	48000	50000	-4.0	25.0
Fluorene	Ave	1.078	1.042	0.0500	48300	50000	-3.3	25.0
4-Chlorophenyl phenyl ether	Ave	0.5357	0.5084	0.0500	47400	50000	-5.1	25.0
4-Nitroaniline	Ave	0.2326	0.2101	0.0500	45100	50000	-9.7	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1421	0.1450	0.0500	51000	50000	2.1	25.0
N-Nitrosodiphenylamine	Ave	0.5983	0.6008	0.0500	50200	50000	0.4	25.0
1,2-Diphenylhydrazine	Ave	1.401	1.416	0.0500	50500	50000	1.1	25.0
4-Bromophenyl phenyl ether	Ave	0.2758	0.2772	0.0500	50300	50000	0.5	25.0
Hexachlorobenzene	Ave	0.3132	0.3083	0.0500	49200	50000	-1.6	25.0
Atrazine	Ave	0.1972	0.1869	0.0500	47400	50000	-5.2	25.0
Pentachlorophenol	Ave	0.1575	0.1481	0.0500	47000	50000	-6.0	25.0
Phenanthrene	Ave	1.164	1.172	0.0500	50400	50000	0.7	25.0
Anthracene	Ave	1.170	1.152	0.0500	49200	50000	-1.5	25.0
Carbazole	Ave	0.8892	0.8541	0.0500	48000	50000	-4.0	25.0
Di-n-butyl phthalate	Ave	1.114	1.078	0.0500	48400	50000	-3.2	25.0
Fluoranthene	Ave	0.9413	0.8988	0.0500	47700	50000	-4.5	25.0
Benzidine	Ave	0.0680	0.0555	0.0500	40800	50000	-18.3	25.0
Pyrene	Ave	1.755	1.684	0.0500	48000	50000	-4.0	25.0
Butyl benzyl phthalate	Ave	0.6309	0.6181	0.0500	49000	50000	-2.0	25.0
3,3'-Dichlorobenzidine	Ave	0.3031	0.2824	0.0500	46600	50000	-6.8	25.0
Benzo[a]anthracene	Ave	1.280	1.115	0.0500	43600	50000	-12.9	25.0
Chrysene	Ave	1.072	1.071	0.0500	50000	50000	0.1	25.0
Bis(2-ethylhexyl) phthalate	Ave	0.7923	0.7901	0.0500	49900	50000	-0.3	25.0
Di-n-octyl phthalate	Ave	1.497	1.368	0.0500	45700	50000	-8.6	25.0
Benzo[b]fluoranthene	Ave	1.182	1.114	0.0500	47100	50000	-5.8	25.0
Benzo[k]fluoranthene	Ave	1.394	1.338	0.0500	48000	50000	-4.0	25.0
Benzo[a]pyrene	Ave	1.111	1.010	0.0500	45500	50000	-9.0	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.8213	0.8267	0.0500	50300	50000	0.7	25.0
Dibenz(a,h)anthracene	Ave	0.8545	0.9130	0.0500	53400	50000	6.9	25.0
Benzo[g,h,i]perylene	Ave	0.8654	0.9724	0.0500	56200	50000	12.4	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCVIS 460-31823/2 Calibration Date: 03/08/2010 15:06

Instrument ID: BNAMS11 Calib Start Date: 03/05/2010 20:33

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/05/2010 22:09

Lab File ID: z8570.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Fluorophenol (Surr)	Ave	1.691	1.550	0.0500	45800	50000	-8.4	25.0
Phenol-d5 (Surr)	Ave	1.889	1.743	0.0500	46100	50000	-7.7	25.0
Nitrobenzene-d5 (Surr)	Ave	0.5058	0.4969	0.0500	49100	50000	-1.8	25.0
2-Fluorobiphenyl	Ave	1.533	1.511	0.0500	49300	50000	-1.4	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1754	0.1651	0.0500	47100	50000	-5.9	25.0
Terphenyl-d14 (Surr)	Ave	1.264	1.200	0.0500	47500	50000	-5.0	25.0

Data File: /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/z8570.d
Report Date: 08-Mar-2010 15:27

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/z8570.d
Lab Smp Id: CCVIS-376365
Inj Date : 08-MAR-2010 15:06
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : CCVIS-376365
Misc Info : 50 ppm bna 4439
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/8270Cdel_08.m
Meth Date : 08-Mar-2010 15:27 croccom Quant Type: ISTD
Cal Date : 08-MAR-2010 15:06 Cal File: z8570.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.419	1.419	(0.354)	472946	50.0000	47
	19 N-Nitrosodimethylamine	74	1.631	1.631	(0.406)	629792	50.0000	46
	71 Pyridine	79	1.660	1.660	(0.414)	1072854	50.0000	45
$	16 2-Fluorophenol (SUR)	112	2.737	2.737	(0.682)	919617	50.0000	46
	110 Benzaldehyde	77	3.566	3.566	(0.889)	164707	50.0000	24
$	17 Phenol-d5 (SUR)	99	3.660	3.660	(0.912)	1033993	50.0000	46
	1 Phenol	94	3.678	3.678	(0.916)	1072374	50.0000	45
	73 Aniline	93	3.684	3.684	(0.918)	1324270	50.0000	49
	20 bis(2-Chloroethyl)ether	93	3.754	3.754	(0.936)	924063	50.0000	43
	113 n-decane	43	3.872	3.872	(0.965)	1340095	50.0000	50
	2 2-Chlorophenol	128	3.807	3.807	(0.949)	900658	50.0000	46
	21 1,3-Dichlorobenzene	146	3.960	3.960	(0.987)	987566	50.0000	48
*	79 1,4-Dichlorobenzene-d4	152	4.013	4.013	(1.000)	474651	40.0000	
	22 1,4-Dichlorobenzene	146	4.031	4.031	(1.004)	959476	50.0000	48
	74 Benzyl Alcohol	108	4.160	4.160	(1.037)	579759	50.0000	48

Data File: /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/z8570.d
Report Date: 08-Mar-2010 15:27

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	23 1,2-Dichlorobenzene	146	4.184	4.184	(1.042)	898007	50.0000	48
	3 2-Methylphenol	108	4.284	4.284	(1.067)	719511	50.0000	46
	24 bis (2-chloroisopropyl) ether	45	4.301	4.301	(1.072)	1655810	50.0000	48
	4 4-Methylphenol	108	4.442	4.442	(1.107)	668138	50.0000	46
	121 3 & 4 Methylphenol	108	4.442	4.442	(1.107)	668138	50.0000	46
	104 Acetophenone	105	4.431	4.431	(1.104)	954482	50.0000	44
	25 N-Nitroso-di-n-propylamine	70	4.442	4.442	(1.107)	517708	50.0000	45
	26 Hexachloroethane	117	4.525	4.525	(1.127)	427777	50.0000	48
$	76 Nitrobenzene-d5 (SUR)	82	4.578	4.578	(0.864)	1003527	50.0000	49
	107 N,N-Dimethylaniline	120	4.607	4.607	(1.148)	1114066	50.0000	44
	27 Nitrobenzene	77	4.601	4.601	(0.868)	1156970	50.0000	47
	28 Isophorone	82	4.842	4.842	(0.913)	1466793	50.0000	46
	6 2,4-Dimethylphenol	122	4.978	4.978	(0.939)	640014	50.0000	47
	5 2-Nitrophenol	139	4.919	4.919	(0.928)	412484	50.0000	49
	29 bis(2-Chloroethoxy)methane	93	5.072	5.072	(0.957)	922710	50.0000	47
	7 2,4-Dichlorophenol	162	5.166	5.166	(0.974)	529060	50.0000	47
	30 1,2,4-Trichlorobenzene	180	5.248	5.248	(0.990)	660189	50.0000	47
*	80 Naphthalene-d8	136	5.301	5.301	(1.000)	1615602	40.0000	
	31 Naphthalene	128	5.325	5.325	(1.004)	2116480	50.0000	48
	32 4-Chloroaniline	127	5.384	5.384	(1.016)	800158	50.0000	48
	33 Hexachlorobutadiene	225	5.466	5.466	(1.031)	412525	50.0000	48
	111 Caprolactam	113	5.754	5.754	(1.085)	154759	50.0000	45
	8 4-Chloro-3-methylphenol	107	5.889	5.889	(1.111)	540220	50.0000	46
	34 2-Methylnaphthalene	142	6.019	6.019	(1.135)	1150094	50.0000	46
	120 1-Methylnaphthalene	142	6.119	6.119	(1.154)	1145854	50.0000	48
	35 Hexachlorocyclopentadiene	237	6.189	6.189	(0.877)	413600	50.0000	53
	9 2,4,6-Trichlorophenol	196	6.313	6.313	(0.895)	306641	50.0000	49
	10 2,4,5-Trichlorophenol	196	6.348	6.348	(0.900)	312600	50.0000	49
$	77 2-Fluorobiphenyl (SUR)	172	6.395	6.395	(0.907)	1198181	50.0000	49
	102 Diphenyl	154	6.489	6.489	(0.920)	1269064	50.0000	49
	36 2-Chloronaphthalene	162	6.501	6.501	(0.922)	978828	50.0000	50
	103 Diphenyl Ether	170	6.595	6.595	(0.935)	679172	50.0000	50
	37 2-Nitroaniline	65	6.613	6.613	(0.937)	415837	50.0000	50
	38 Dimethylphthalate	163	6.801	6.801	(0.964)	849564	50.0000	48
	114 Coumarin	146	6.813	6.813	(1.285)	272453	50.0000	46
	40 2,6-Dinitrotoluene	165	6.854	6.854	(0.972)	207596	50.0000	50
	39 Acenaphthylene	152	6.913	6.913	(0.980)	1423440	50.0000	49
	41 3-Nitroaniline	138	7.019	7.019	(0.995)	218029	50.0000	48
*	82 Acenaphthene-d10	164	7.054	7.054	(1.000)	634312	40.0000	
	42 Acenaphthene	154	7.083	7.083	(1.004)	824146	50.0000	49
	11 2,4-Dinitrophenol	184	7.119	7.119	(1.009)	99539	50.0000	48
	12 4-Nitrophenol	65	7.195	7.195	(1.020)	162637	50.0000	47
	43 Dibenzofuran	168	7.254	7.254	(1.028)	1123733	50.0000	49
	44 2,4-Dinitrotoluene	165	7.248	7.248	(1.028)	210875	50.0000	47
	45 Diethylphthalate	149	7.501	7.501	(1.063)	786428	50.0000	48
	46 4-Chlorophenyl-phenylether	204	7.601	7.601	(1.078)	403083	50.0000	47
	47 Fluorene	166	7.589	7.589	(1.076)	826448	50.0000	48

Data File: /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/z8570.d
Report Date: 08-Mar-2010 15:27

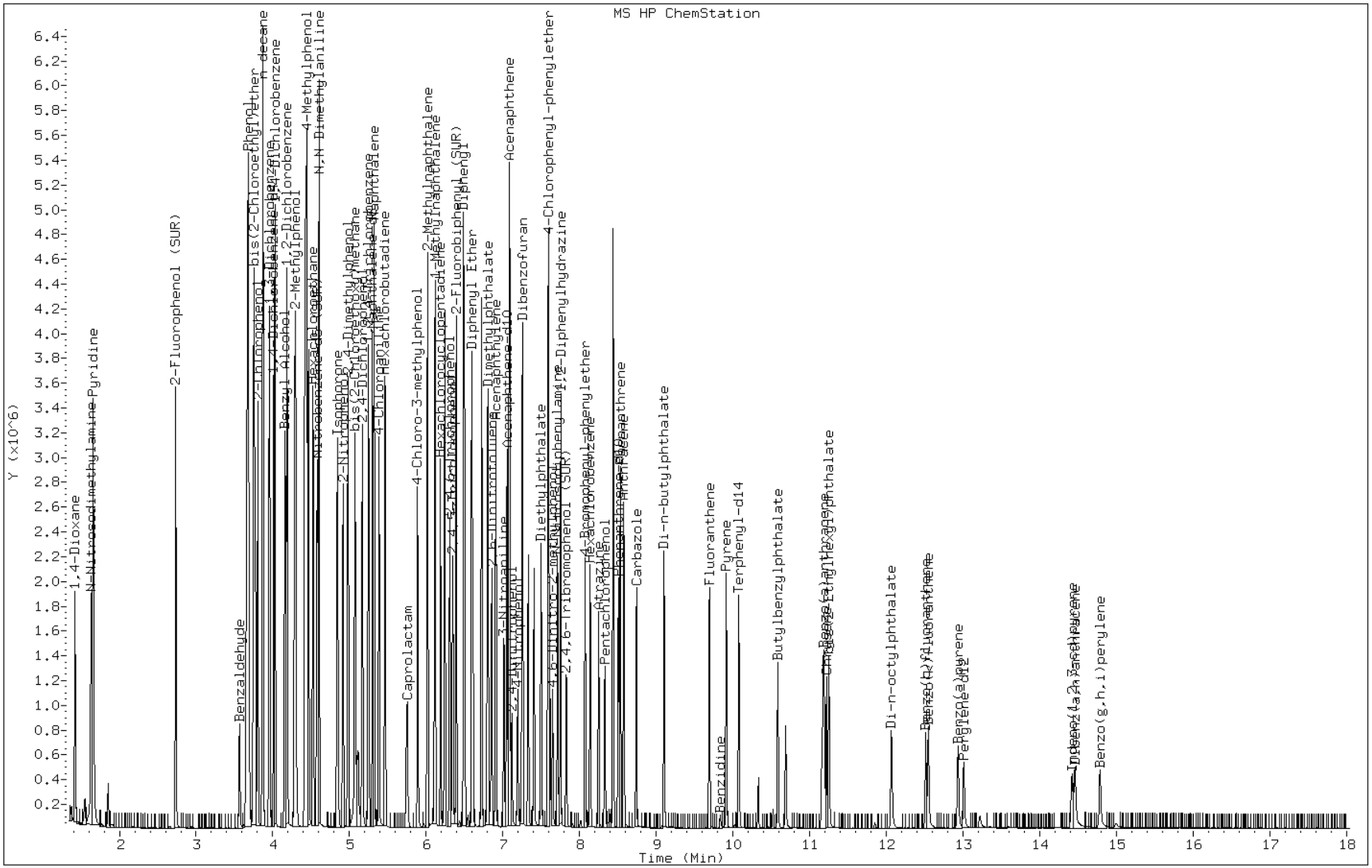
							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	48 4-Nitroaniline	138	7.619	7.619	(1.080)	166544	50.0000	45
	13 4,6-Dinitro-2-methylphenol	198	7.648	7.648	(0.899)	123880	50.0000	51
	49 N-Nitrosodiphenylamine	169	7.713	7.713	(0.907)	513170	50.0000	50
	75 1,2-Diphenylhydrazine	77	7.754	7.754	(0.911)	1209400	50.0000	50
$	18 2,4,6-Tribromophenol (SUR)	330	7.830	7.830	(1.110)	130919	50.0000	47
	50 4-Bromophenyl-phenylether	248	8.078	8.078	(0.950)	236798	50.0000	50
	112 Atrazine	200	8.248	8.248	(0.970)	159656	50.0000	47
	51 Hexachlorobenzene	284	8.136	8.136	(0.956)	263342	50.0000	49
	14 Pentachlorophenol	266	8.330	8.330	(0.979)	126463	50.0000	47
*	83 Phenanthrene-d10	188	8.507	8.507	(1.000)	683370	40.0000	
	52 Phenanthrene	178	8.530	8.530	(1.003)	1001261	50.0000	50
	53 Anthracene	178	8.578	8.578	(1.008)	984330	50.0000	49
	54 Carbazole	167	8.742	8.742	(1.028)	729580	50.0000	48
	55 Di-n-butylphthalate	149	9.101	9.101	(1.070)	921033	50.0000	48
	56 Fluoranthene	202	9.695	9.695	(1.140)	767723	50.0000	48
	58 Benzidine	184	9.830	9.830	(1.156)	47442	50.0000	41
	57 Pyrene	202	9.913	9.913	(0.886)	768906	50.0000	48
$	78 Terphenyl-d14	244	10.077	10.077	(0.901)	548128	50.0000	47
	59 Butylbenzylphthalate	149	10.583	10.583	(0.946)	282281	50.0000	49
	109 2,3,7,8-TCDD (Screen)	320	10.677	10.677	(0.954)	1001	0.50000	0.55
	63 bis(2-Ethylhexyl)phthalate	149	11.254	11.254	(1.006)	360808	50.0000	50
	60 3,3'-Dichlorobenzidine	252	11.160	11.160	(0.997)	128980	50.0000	46
	61 Benzo(a)anthracene	228	11.177	11.177	(0.999)	509088	50.0000	44
*	81 Chrysene-d12	240	11.189	11.189	(1.000)	365335	40.0000	
	62 Chrysene	228	11.219	11.219	(1.003)	489310	50.0000	50
	64 Di-n-octylphthalate	149	12.066	12.066	(0.927)	487877	50.0000	46
	65 Benzo(b)fluoranthene	252	12.513	12.513	(0.962)	397364	50.0000	47
	66 Benzo(k)fluoranthene	252	12.548	12.548	(0.964)	477239	50.0000	48
	67 Benzo(a)pyrene	252	12.936	12.936	(0.994)	360394	50.0000	45
*	84 Perylene-d12	264	13.013	13.013	(1.000)	285342	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.424	14.424	(1.108)	294879	50.0000	50
	69 Dibenz(a,h)anthracene	278	14.459	14.459	(1.111)	325655	50.0000	53
	70 Benzo(g,h,i)perylene	276	14.789	14.789	(1.137)	346823	50.0000	56

Data File: z8570.d

Date: 08-MAR-2010 15:06

Client ID: Instrument: BNAMS11.i

Sample Info: CCVIS-376365 Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCV 460-31824/1 Calibration Date: 03/08/2010 16:51

Instrument ID: BNAMS11 Calib Start Date: 03/05/2010 20:33

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/05/2010 22:09

Lab File ID: z8574.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.8459	0.6706	0.0500	39600	50000	-20.7	25.0
N-Nitrosodimethylamine	Ave	1.166	1.017	0.0500	43600	50000	-12.8	25.0
Pyridine	Ave	1.991	1.756	0.0500	44100	50000	-11.8	25.0
Benzaldehyde	Ave	0.5722	0.4089	0.0500	35700	50000	-28.5*	25.0
Aniline	Ave	2.290	2.160	0.0500	47200	50000	-5.7	25.0
Phenol	Ave	2.014	1.740	0.0500	43200	50000	-13.6	25.0
Bis(2-chloroethyl)ether	Ave	1.823	1.557	0.0500	42700	50000	-14.6	25.0
2-Chlorophenol	Ave	1.632	1.498	0.0500	45900	50000	-8.2	25.0
n-Decane	Ave	2.254	2.076	0.0500	46000	50000	-7.9	25.0
1,3-Dichlorobenzene	Ave	1.743	1.642	0.0500	47100	50000	-5.8	25.0
1,4-Dichlorobenzene	Ave	1.680	1.583	0.0500	47100	50000	-5.8	25.0
Benzyl alcohol	Ave	1.014	0.9328	0.0500	46000	50000	-8.0	25.0
1,2-Dichlorobenzene	Ave	1.591	1.494	0.0500	47000	50000	-6.1	25.0
2-Methylphenol	Ave	1.331	1.193	0.0500	44800	50000	-10.4	25.0
2,2'-oxybis[1-chloropropane]	Ave	2.900	2.590	0.0500	44700	50000	-10.7	25.0
Acetophenone	Ave	1.812	1.608	0.0500	44400	50000	-11.3	25.0
N-Nitrosodi-n-propylamine	Ave	0.9708	0.8673	0.0500	44700	50000	-10.7	25.0
3 & 4 Methylphenol	Ave	1.217	1.034	0.0500	42500	50000	-15.1	25.0
4-Methylphenol	Ave	1.217	1.034	0.0500	42500	50000	-15.1	25.0
Hexachloroethane	Ave	0.7519	0.7099	0.0500	47200	50000	-5.6	25.0
Nitrobenzene	Ave	0.6105	0.5843	0.0500	47900	50000	-4.3	25.0
n,n'-Dimethylaniline	Ave	2.122	1.857	0.0500	43800	50000	-12.5	25.0
Isophorone	Ave	0.7961	0.7441	0.0500	46700	50000	-6.5	25.0
2-Nitrophenol	Ave	0.2098	0.2058	0.0500	49100	50000	-1.9	25.0
2,4-Dimethylphenol	Ave	0.3348	0.3196	0.0500	47700	50000	-4.6	25.0
Bis(2-chloroethoxy)methane	Ave	0.4859	0.4627	0.0500	47600	50000	-4.8	25.0
2,4-Dichlorophenol	Ave	0.2786	0.2706	0.0500	48600	50000	-2.9	25.0
1,2,4-Trichlorobenzene	Ave	0.3488	0.3379	0.0500	48400	50000	-3.1	25.0
Naphthalene	Ave	1.093	1.065	0.0500	48700	50000	-2.5	25.0
4-Chloroaniline	Ave	0.4154	0.3916	0.0500	47100	50000	-5.7	25.0
Hexachlorobutadiene	Ave	0.2146	0.2117	0.0500	49300	50000	-1.4	25.0
Caprolactam	Ave	0.0858	0.0764	0.0500	44500	50000	-10.9	25.0
4-Chloro-3-methylphenol	Ave	0.2872	0.2686	0.0500	46800	50000	-6.5	25.0
2-Methylnaphthalene	Ave	0.6144	0.5807	0.0500	47300	50000	-5.5	25.0
1-Methylnaphthalene	Ave	0.5898	0.5749	0.0500	48700	50000	-2.5	25.0
Hexachlorocyclopentadiene	Ave	0.4915	0.4984	0.0500	50700	50000	1.4	25.0
2,4,6-Trichlorophenol	Ave	0.3968	0.3833	0.0500	48300	50000	-3.4	25.0
2,4,5-Trichlorophenol	Ave	0.3999	0.4015	0.0500	50200	50000	0.4	25.0
1,1'-Biphenyl	Ave	1.636	1.572	0.0500	48100	50000	-3.9	25.0
2-Chloronaphthalene	Ave	1.235	1.214	0.0500	49200	50000	-1.6	25.0
Phenyl ether	Ave	0.8529	0.8446	0.0500	49500	50000	-1.0	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCV 460-31824/1 Calibration Date: 03/08/2010 16:51

Instrument ID: BNAMS11 Calib Start Date: 03/05/2010 20:33

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/05/2010 22:09

Lab File ID: z8574.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.5241	0.5231	0.0500	49900	50000	-0.2	25.0
Dimethyl phthalate	Ave	1.113	1.082	0.0500	48600	50000	-2.8	25.0
Coumarin	Ave	0.1473	0.1337	0.0500	45400	50000	-9.2	25.0
2,6-Dinitrotoluene	Ave	0.2608	0.2614	0.0500	50100	50000	0.2	25.0
Acenaphthylene	Ave	1.827	1.782	0.0500	48800	50000	-2.5	25.0
3-Nitroaniline	Ave	0.2859	0.2765	0.0500	48400	50000	-3.3	25.0
Acenaphthene	Ave	1.060	1.032	0.0500	48700	50000	-2.6	25.0
2,4-Dinitrophenol	Ave	0.1313	0.1207	0.0500	45900	50000	-8.1	25.0
4-Nitrophenol	Ave	0.2198	0.2051	0.0500	46700	50000	-6.7	25.0
2,4-Dinitrotoluene	Ave	0.2805	0.2666	0.0500	47500	50000	-5.0	25.0
Dibenzofuran	Ave	1.456	1.402	0.0500	48100	50000	-3.7	25.0
Diethyl phthalate	Ave	1.033	0.9849	0.0500	47700	50000	-4.7	25.0
Fluorene	Ave	1.078	1.046	0.0500	48500	50000	-3.0	25.0
4-Chlorophenyl phenyl ether	Ave	0.5357	0.5200	0.0500	48500	50000	-2.9	25.0
4-Nitroaniline	Ave	0.2326	0.2166	0.0500	46500	50000	-6.9	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1421	0.1433	0.0500	50400	50000	0.9	25.0
N-Nitrosodiphenylamine	Ave	0.5983	0.6094	0.0500	50900	50000	1.9	25.0
1,2-Diphenylhydrazine	Ave	1.401	1.389	0.0500	49600	50000	-0.9	25.0
4-Bromophenyl phenyl ether	Ave	0.2758	0.2736	0.0500	49600	50000	-0.8	25.0
Hexachlorobenzene	Ave	0.3132	0.3119	0.0500	49800	50000	-0.4	25.0
Atrazine	Ave	0.1972	0.1908	0.0500	48400	50000	-3.3	25.0
Pentachlorophenol	Ave	0.1575	0.1516	0.0500	48100	50000	-3.8	25.0
Phenanthrene	Ave	1.164	1.127	0.0500	48400	50000	-3.2	25.0
Anthracene	Ave	1.170	1.153	0.0500	49300	50000	-1.5	25.0
Carbazole	Ave	0.8892	0.8653	0.0500	48700	50000	-2.7	25.0
Di-n-butyl phthalate	Ave	1.114	1.087	0.0500	48800	50000	-2.4	25.0
Fluoranthene	Ave	0.9413	0.8911	0.0500	47300	50000	-5.3	25.0
Benzidine	Ave	0.0680	0.0630	0.0500	46300	50000	-7.3	25.0
Pyrene	Ave	1.755	1.672	0.0500	47700	50000	-4.7	25.0
Butyl benzyl phthalate	Ave	0.6309	0.6110	0.0500	48400	50000	-3.2	25.0
3,3'-Dichlorobenzidine	Ave	0.3031	0.3061	0.0500	50500	50000	1.0	25.0
Benzo[a]anthracene	Ave	1.280	1.092	0.0500	42700	50000	-14.7	25.0
Chrysene	Ave	1.072	1.104	0.0500	51500	50000	3.0	25.0
Bis(2-ethylhexyl) phthalate	Ave	0.7923	0.7822	0.0500	49400	50000	-1.3	25.0
Di-n-octyl phthalate	Ave	1.497	1.365	0.0500	45600	50000	-8.8	25.0
Benzo[b]fluoranthene	Ave	1.182	1.132	0.0500	47900	50000	-4.3	25.0
Benzo[k]fluoranthene	Ave	1.394	1.267	0.0500	45400	50000	-9.1	25.0
Benzo[a]pyrene	Ave	1.111	0.9976	0.0500	44900	50000	-10.2	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.8213	0.8979	0.0500	54700	50000	9.3	25.0
Dibenz(a,h)anthracene	Ave	0.8545	0.9293	0.0500	54400	50000	8.8	25.0
Benzo[g,h,i]perylene	Ave	0.8654	0.9671	0.0500	55900	50000	11.8	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCV 460-31824/1 Calibration Date: 03/08/2010 16:51

Instrument ID: BNAMS11 Calib Start Date: 03/05/2010 20:33

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/05/2010 22:09

Lab File ID: z8574.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Fluorophenol (Surr)	Ave	1.691	1.506	0.0500	44500	50000	-11.0	25.0
Phenol-d5 (Surr)	Ave	1.889	1.699	0.0500	45000	50000	-10.1	25.0
Nitrobenzene-d5 (Surr)	Ave	0.5058	0.5033	0.0500	49800	50000	-0.5	25.0
2-Fluorobiphenyl	Ave	1.533	1.510	0.0500	49300	50000	-1.5	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1754	0.1733	0.0500	49400	50000	-1.2	25.0
Terphenyl-d14 (Surr)	Ave	1.264	1.207	0.0500	47700	50000	-4.5	25.0

Data File: /chem/BNAMS11.i/8270/03-05-10adel/08mar10abr.b/z8574.d
Report Date: 09-Mar-2010 09:15

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/08mar10abr.b/z8574.d
Lab Smp Id: CCV-376365
Inj Date : 08-MAR-2010 16:51
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : CCV-376365
Misc Info : 50 ug/ul BNA 4439
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/08mar10abr.b/8270Cdel_08.m
Meth Date : 09-Mar-2010 09:15 croccom Quant Type: ISTD
Cal Date : 08-MAR-2010 16:51 Cal File: z8574.d
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.437	1.437	(0.358)	491838	50.0000	40
	19 N-Nitrosodimethylamine	74	1.649	1.649	(0.411)	745983	50.0000	44
	71 Pyridine	79	1.672	1.672	(0.417)	1287662	50.0000	44
$	16 2-Fluorophenol (SUR)	112	2.743	2.743	(0.683)	1104603	50.0000	44
	110 Benzaldehyde	77	3.566	3.566	(0.889)	299932	50.0000	36
$	17 Phenol-d5 (SUR)	99	3.666	3.666	(0.914)	1246085	50.0000	45
	1 Phenol	94	3.684	3.684	(0.918)	1275931	50.0000	43
	73 Aniline	93	3.684	3.684	(0.918)	1584446	50.0000	47
	20 bis(2-Chloroethyl)ether	93	3.754	3.754	(0.936)	1142030	50.0000	43
	113 n-decane	43	3.872	3.872	(0.965)	1522594	50.0000	46
	2 2-Chlorophenol	128	3.807	3.807	(0.949)	1098783	50.0000	46
	21 1,3-Dichlorobenzene	146	3.960	3.960	(0.987)	1204674	50.0000	47
*	79 1,4-Dichlorobenzene-d4	152	4.013	4.013	(1.000)	586777	40.0000	
	22 1,4-Dichlorobenzene	146	4.031	4.031	(1.004)	1160906	50.0000	47
	74 Benzyl Alcohol	108	4.166	4.166	(1.038)	684204	50.0000	46

Data File: /chem/BNAMS11.i/8270/03-05-10adel/08mar10abr.b/z8574.d
Report Date: 09-Mar-2010 09:15

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	23 1,2-Dichlorobenzene	146	4.184	4.184	(1.042)	1096123	50.0000	47
	3 2-Methylphenol	108	4.290	4.290	(1.069)	874866	50.0000	45
	24 bis (2-chloroisopropyl) ether	45	4.301	4.301	(1.072)	1899838	50.0000	45
	4 4-Methylphenol	108	4.449	4.449	(1.108)	758128	50.0000	42
	121 3 & 4 Methylphenol	108	4.449	4.449	(1.108)	758128	50.0000	42
	104 Acetophenone	105	4.431	4.431	(1.104)	1179306	50.0000	44
	25 N-Nitroso-di-n-propylamine	70	4.443	4.443	(1.107)	636140	50.0000	45
	26 Hexachloroethane	117	4.525	4.525	(1.127)	520665	50.0000	47
$	76 Nitrobenzene-d5 (SUR)	82	4.584	4.584	(0.865)	1218760	50.0000	50
	107 N,N-Dimethylaniline	120	4.607	4.607	(1.148)	1362410	50.0000	44
	27 Nitrobenzene	77	4.601	4.601	(0.868)	1414872	50.0000	48
	28 Isophorone	82	4.849	4.849	(0.915)	1801923	50.0000	47
	6 2,4-Dimethylphenol	122	4.984	4.984	(0.940)	773862	50.0000	48
	5 2-Nitrophenol	139	4.919	4.919	(0.928)	498472	50.0000	49
	29 bis(2-Chloroethoxy)methane	93	5.072	5.072	(0.957)	1120440	50.0000	48
	7 2,4-Dichlorophenol	162	5.166	5.166	(0.974)	655230	50.0000	48
	30 1,2,4-Trichlorobenzene	180	5.248	5.248	(0.990)	818271	50.0000	48
*	80 Naphthalene-d8	136	5.301	5.301	(1.000)	1937317	40.0000	
	31 Naphthalene	128	5.325	5.325	(1.004)	2579166	50.0000	49
	32 4-Chloroaniline	127	5.384	5.384	(1.016)	948325	50.0000	47
	33 Hexachlorobutadiene	225	5.466	5.466	(1.031)	512700	50.0000	49
	111 Caprolactam	113	5.760	5.760	(1.087)	185027	50.0000	44
	8 4-Chloro-3-methylphenol	107	5.890	5.890	(1.111)	650331	50.0000	47
	34 2-Methylnaphthalene	142	6.019	6.019	(1.135)	1406332	50.0000	47
	120 1-Methylnaphthalene	142	6.119	6.119	(1.154)	1392258	50.0000	49
	35 Hexachlorocyclopentadiene	237	6.190	6.190	(0.877)	478610	50.0000	51
	9 2,4,6-Trichlorophenol	196	6.313	6.313	(0.895)	368105	50.0000	48
	10 2,4,5-Trichlorophenol	196	6.348	6.348	(0.900)	385606	50.0000	50
$	77 2-Fluorobiphenyl (SUR)	172	6.395	6.395	(0.907)	1450404	50.0000	49
	102 Diphenyl	154	6.490	6.490	(0.920)	1509941	50.0000	48
	36 2-Chloronaphthalene	162	6.501	6.501	(0.922)	1166270	50.0000	49
	103 Diphenyl Ether	170	6.595	6.595	(0.935)	811118	50.0000	50
	37 2-Nitroaniline	65	6.613	6.613	(0.937)	502368	50.0000	50
	38 Dimethylphthalate	163	6.801	6.801	(0.964)	1038954	50.0000	49
	114 Coumarin	146	6.813	6.813	(1.285)	323755	50.0000	45
	40 2,6-Dinitrotoluene	165	6.854	6.854	(0.972)	251017	50.0000	50
	39 Acenaphthylene	152	6.913	6.913	(0.980)	1711033	50.0000	49
	41 3-Nitroaniline	138	7.019	7.019	(0.995)	265555	50.0000	48
*	82 Acenaphthene-d10	164	7.054	7.054	(1.000)	768270	40.0000	
	42 Acenaphthene	154	7.084	7.084	(1.004)	991206	50.0000	49
	11 2,4-Dinitrophenol	184	7.119	7.119	(1.009)	115864	50.0000	46
	12 4-Nitrophenol	65	7.195	7.195	(1.020)	197000	50.0000	47
	43 Dibenzofuran	168	7.254	7.254	(1.028)	1346118	50.0000	48
	44 2,4-Dinitrotoluene	165	7.248	7.248	(1.028)	255975	50.0000	48
	45 Diethylphthalate	149	7.501	7.501	(1.063)	945805	50.0000	48
	46 4-Chlorophenyl-phenylether	204	7.595	7.595	(1.077)	499391	50.0000	48
	47 Fluorene	166	7.590	7.590	(1.076)	1004143	50.0000	48

Data File: /chem/BNAMS11.i/8270/03-05-10adel/08mar10abr.b/z8574.d
Report Date: 09-Mar-2010 09:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	48 4-Nitroaniline	138	7.619	7.619	(1.080)	207960	50.0000	46
	13 4,6-Dinitro-2-methylphenol	198	7.648	7.648	(0.899)	148609	50.0000	50
	49 N-Nitrosodiphenylamine	169	7.713	7.713	(0.907)	631967	50.0000	51
	75 1,2-Diphenylhydrazine	77	7.754	7.754	(0.911)	1440338	50.0000	50
$	18 2,4,6-Tribromophenol (SUR)	330	7.831	7.831	(1.110)	166432	50.0000	49
	50 4-Bromophenyl-phenylether	248	8.072	8.072	(0.949)	283691	50.0000	50
	112 Atrazine	200	8.248	8.248	(0.970)	197809	50.0000	48
	51 Hexachlorobenzene	284	8.137	8.137	(0.956)	323482	50.0000	50
	14 Pentachlorophenol	266	8.331	8.331	(0.979)	157187	50.0000	48
*	83 Phenanthrene-d10	188	8.507	8.507	(1.000)	829589	40.0000	
	52 Phenanthrene	178	8.531	8.531	(1.003)	1168266	50.0000	48
	53 Anthracene	178	8.578	8.578	(1.008)	1195381	50.0000	49
	54 Carbazole	167	8.736	8.736	(1.027)	897258	50.0000	49
	55 Di-n-butylphthalate	149	9.101	9.101	(1.070)	1127282	50.0000	49
	56 Fluoranthene	202	9.689	9.689	(1.139)	924050	50.0000	47
	58 Benzidine	184	9.831	9.831	(1.156)	65350	50.0000	46
	57 Pyrene	202	9.913	9.913	(0.886)	909486	50.0000	48
$	78 Terphenyl-d14	244	10.078	10.078	(0.901)	656459	50.0000	48
	59 Butylbenzylphthalate	149	10.583	10.583	(0.946)	332323	50.0000	48
	109 2,3,7,8-TCDD (Screen)	320	10.672	10.672	(0.954)	1177	0.50000	0.54
	63 bis(2-Ethylhexyl)phthalate	149	11.248	11.248	(1.005)	425395	50.0000	49
	60 3,3'-Dichlorobenzidine	252	11.160	11.160	(0.997)	166484	50.0000	50
	61 Benzo(a)anthracene	228	11.178	11.178	(0.999)	593796	50.0000	43
*	81 Chrysene-d12	240	11.189	11.189	(1.000)	435102	40.0000	
	62 Chrysene	228	11.219	11.219	(1.003)	600410	50.0000	51
	64 Di-n-octylphthalate	149	12.066	12.066	(0.927)	602096	50.0000	46
	65 Benzo(b)fluoranthene	252	12.513	12.513	(0.962)	499377	50.0000	48
	66 Benzo(k)fluoranthene	252	12.548	12.548	(0.964)	558831	50.0000	45
	67 Benzo(a)pyrene	252	12.936	12.936	(0.994)	440123	50.0000	45
*	84 Perylene-d12	264	13.013	13.013	(1.000)	352945	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.418	14.418	(1.108)	396147	50.0000	55
	69 Dibenz(a,h)anthracene	278	14.454	14.454	(1.111)	409999	50.0000	54
	70 Benzo(g,h,i)perylene	276	14.789	14.789	(1.137)	426683	50.0000	56

Data File: z8574.d

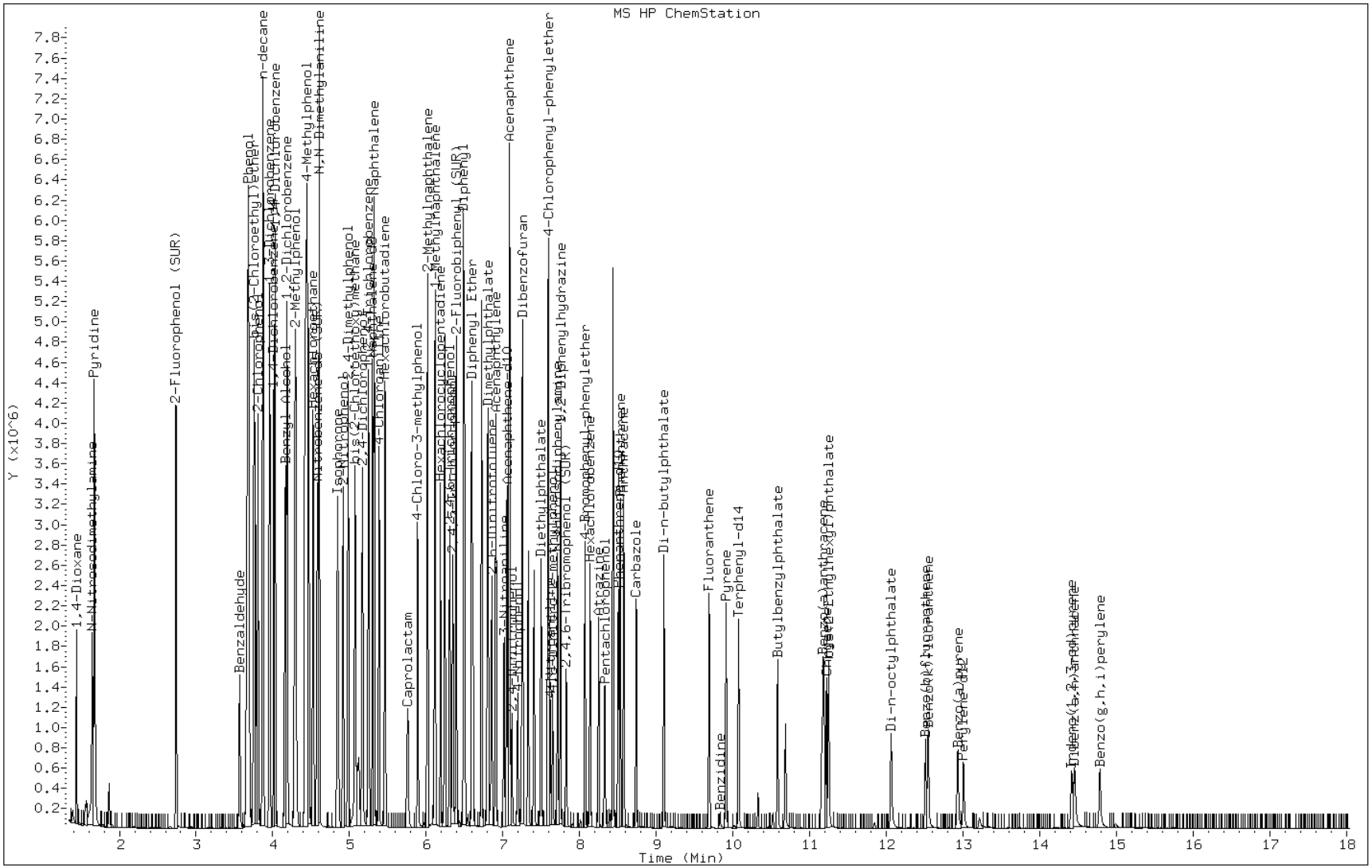
Date: 08-MAR-2010 16:51

Client ID:

Instrument: BNAMS11.i

Sample Info: CCV-376365

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCV 460-31835/1 Calibration Date: 03/09/2010 15:59

Instrument ID: BNAMS11 Calib Start Date: 03/09/2010 12:03

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/09/2010 13:41

Lab File ID: z8591.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.504	1.444	0.0500	48000	50000	-4.0	25.0
Nitrobenzene-d5 (Surr)	Ave	0.4918	0.4768	0.0500	48500	50000	-3.1	25.0
2-Fluorobiphenyl	Ave	1.400	1.326	0.0500	47400	50000	-5.3	25.0
Terphenyl-d14 (Surr)	Ave	1.144	1.072	0.0500	46800	50000	-6.3	25.0

Data File: z8591.d
Report Date: 10-Mar-2010 10:13

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10abr.b/z8591.d
Lab Smp Id: CCV-396218
Inj Date : 09-MAR-2010 15:59
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : CCV-396218
Misc Info : end check
Comment :
Method : /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10abr.b/8270del_Benz.m
Meth Date : 10-Mar-2010 10:13 croccom Quant Type: ISTD
Cal Date : 09-MAR-2010 15:59 Cal File: z8591.d
Als bottle: 16 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
110 Benzaldehyde	77	3.554	3.554	(0.890)	1221977	50.0000	48
* 79 1,4-Dichlorobenzene-d4	152	3.996	3.996	(1.000)	676874	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.560	4.560	(0.863)	1544011	50.0000	48
* 80 Naphthalene-d8	136	5.284	5.284	(1.000)	2590839	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.378	6.378	(0.906)	2038443	50.0000	47
* 82 Acenaphthene-d10	164	7.037	7.037	(1.000)	1229489	40.0000	
* 83 Phenanthrene-d10	188	8.489	8.489	(1.000)	1570310	40.0000	
$ 78 Terphenyl-d14	244	10.060	10.060	(0.901)	1131030	50.0000	47
* 81 Chrysene-d12	240	11.166	11.166	(1.000)	844333	40.0000	
* 84 Perylene-d12	264	12.983	12.983	(1.000)	493355	40.0000	

Data File: z8591.d

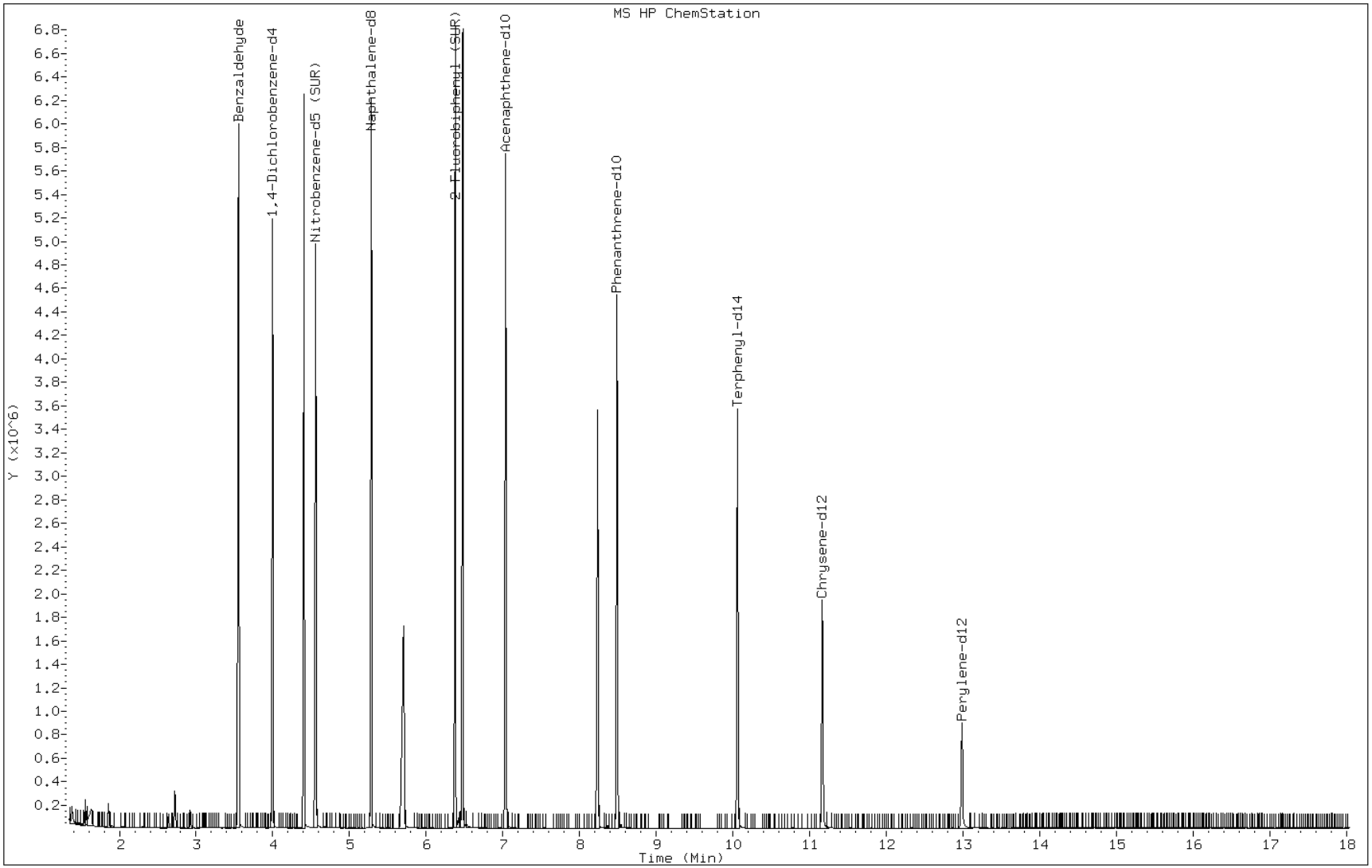
Date: 09-MAR-2010 15:59

Client ID:

Instrument: BNAMS11.i

Sample Info: CCV-396218

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCVIS 460-31837/2 Calibration Date: 03/10/2010 11:51

Instrument ID: BNAMS11 Calib Start Date: 03/09/2010 12:03

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/09/2010 13:41

Lab File ID: z8634.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.504	1.459	0.0500	48500	50000	-3.0	25.0
Nitrobenzene-d5 (Surr)	Ave	0.4918	0.4772	0.0500	48500	50000	-3.0	25.0
2-Fluorobiphenyl	Ave	1.400	1.307	0.0500	46700	50000	-6.7	25.0
Terphenyl-d14 (Surr)	Ave	1.144	1.015	0.0500	44300	50000	-11.3	25.0

Data File: /chem/BNAMS11.i/8270/03-09-10benzdel/10mar10.b/z8634.d
Report Date: 10-Mar-2010 12:08

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-09-10benzdel/10mar10.b/z8634.d
Lab Smp Id: CCVIS-396218
Inj Date : 10-MAR-2010 11:51
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : CCVIS-396218
Misc Info : 50 ppm 4446
Comment :
Method : /chem/BNAMS11.i/8270/03-09-10benzdel/10mar10.b/8270del_Benz.m
Meth Date : 10-Mar-2010 12:08 croccom Quant Type: ISTD
Cal Date : 10-MAR-2010 11:51 Cal File: z8634.d
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

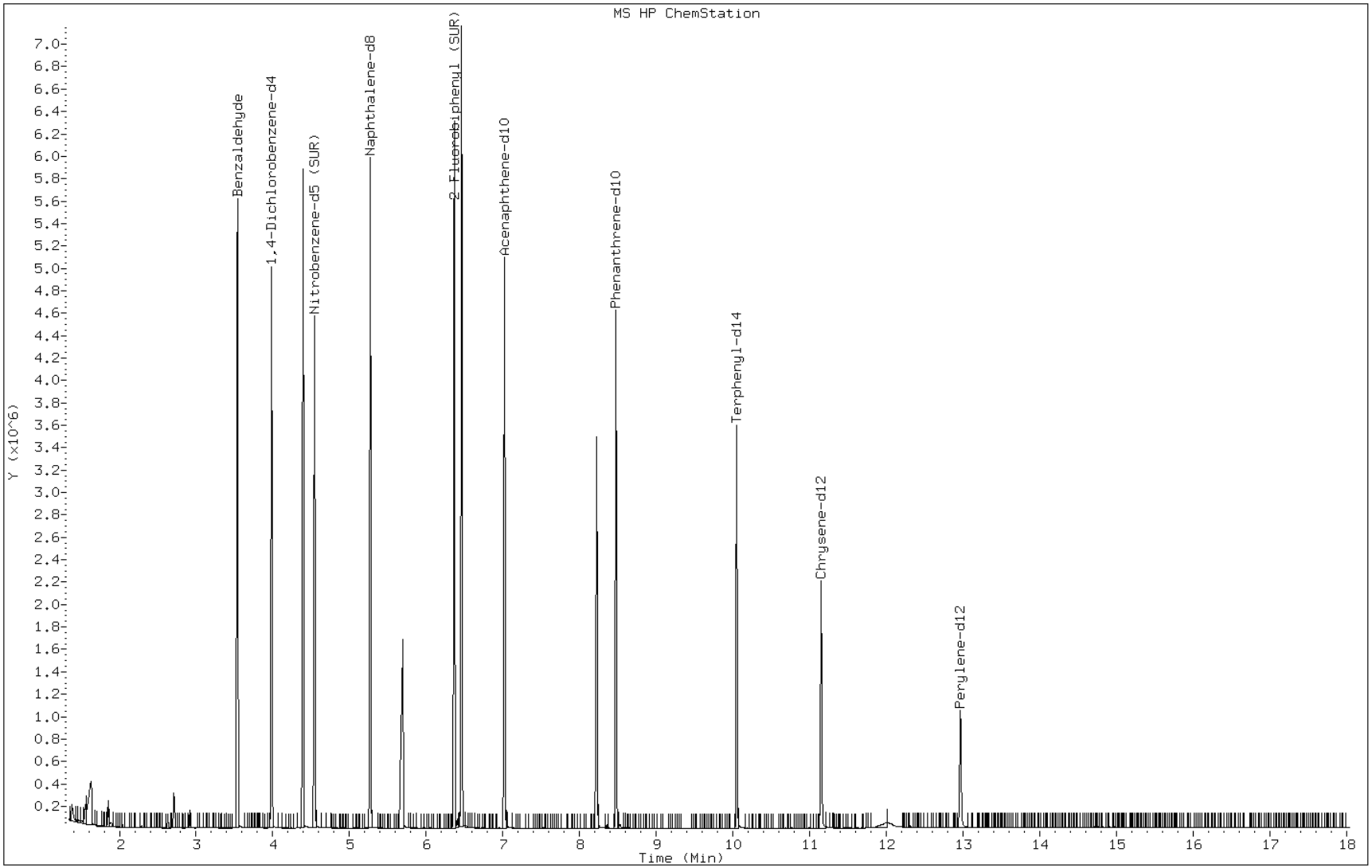
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	110 Benzaldehyde	77	3.543	3.543	(0.889)	1179330	50.0000	48
*	79 1,4-Dichlorobenzene-d4	152	3.984	3.984	(1.000)	646468	40.0000	
$	76 Nitrobenzene-d5 (SUR)	82	4.548	4.548	(0.863)	1477843	50.0000	48
*	80 Naphthalene-d8	136	5.272	5.272	(1.000)	2477794	40.0000	
$	77 2-Fluorobiphenyl (SUR)	172	6.366	6.366	(0.906)	1895650	50.0000	47
*	82 Acenaphthene-d10	164	7.025	7.025	(1.000)	1160453	40.0000	
*	83 Phenanthrene-d10	188	8.478	8.478	(1.000)	1557436	40.0000	
$	78 Terphenyl-d14	244	10.054	10.054	(0.901)	1158896	50.0000	44
*	81 Chrysene-d12	240	11.154	11.154	(1.000)	913655	40.0000	
*	84 Perylene-d12	264	12.966	12.966	(1.000)	549749	40.0000	

Data File: z8634.d

Date: 10-MAR-2010 11:51

Client ID: Instrument: BNAMS11.i

Sample Info: CCVIS-396218 Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCV 460-31838/1 Calibration Date: 03/10/2010 13:09

Instrument ID: BNAMS11 Calib Start Date: 03/09/2010 12:03

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/09/2010 13:41

Lab File ID: z8637.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.504	1.448	0.0500	48100	50000	-3.7	25.0
Nitrobenzene-d5 (Surr)	Ave	0.4918	0.4820	0.0500	49000	50000	-2.0	25.0
2-Fluorobiphenyl	Ave	1.400	1.318	0.0500	47100	50000	-5.9	25.0
Terphenyl-d14 (Surr)	Ave	1.144	1.029	0.0500	45000	50000	-10.0	25.0

Data File: z8637.d
Report Date: 10-Mar-2010 13:27

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-09-10benzdel/10mar10br.b/z8637.d
Lab Smp Id: CCV-396218
Inj Date : 10-MAR-2010 13:09
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : CCV-396218
Misc Info : end check
Comment :
Method : /chem/BNAMS11.i/8270/03-09-10benzdel/10mar10br.b/8270del_Benz.m
Meth Date : 10-Mar-2010 13:27 croccom Quant Type: ISTD
Cal Date : 10-MAR-2010 13:09 Cal File: z8637.d
Als bottle: 7 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
110 Benzaldehyde	77	3.542	3.542	(0.889)	1151817	50.0000	48
* 79 1,4-Dichlorobenzene-d4	152	3.984	3.984	(1.000)	636401	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.548	4.548	(0.863)	1432872	50.0000	49
* 80 Naphthalene-d8	136	5.272	5.272	(1.000)	2378480	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.366	6.366	(0.906)	1809363	50.0000	47
* 82 Acenaphthene-d10	164	7.025	7.025	(1.000)	1098321	40.0000	
* 83 Phenanthrene-d10	188	8.477	8.477	(1.000)	1400239	40.0000	
$ 78 Terphenyl-d14	244	10.048	10.048	(0.901)	1055419	50.0000	45
* 81 Chrysene-d12	240	11.154	11.154	(1.000)	820300	40.0000	
* 84 Perylene-d12	264	12.965	12.965	(1.000)	480777	40.0000	

Data File: z8637.d

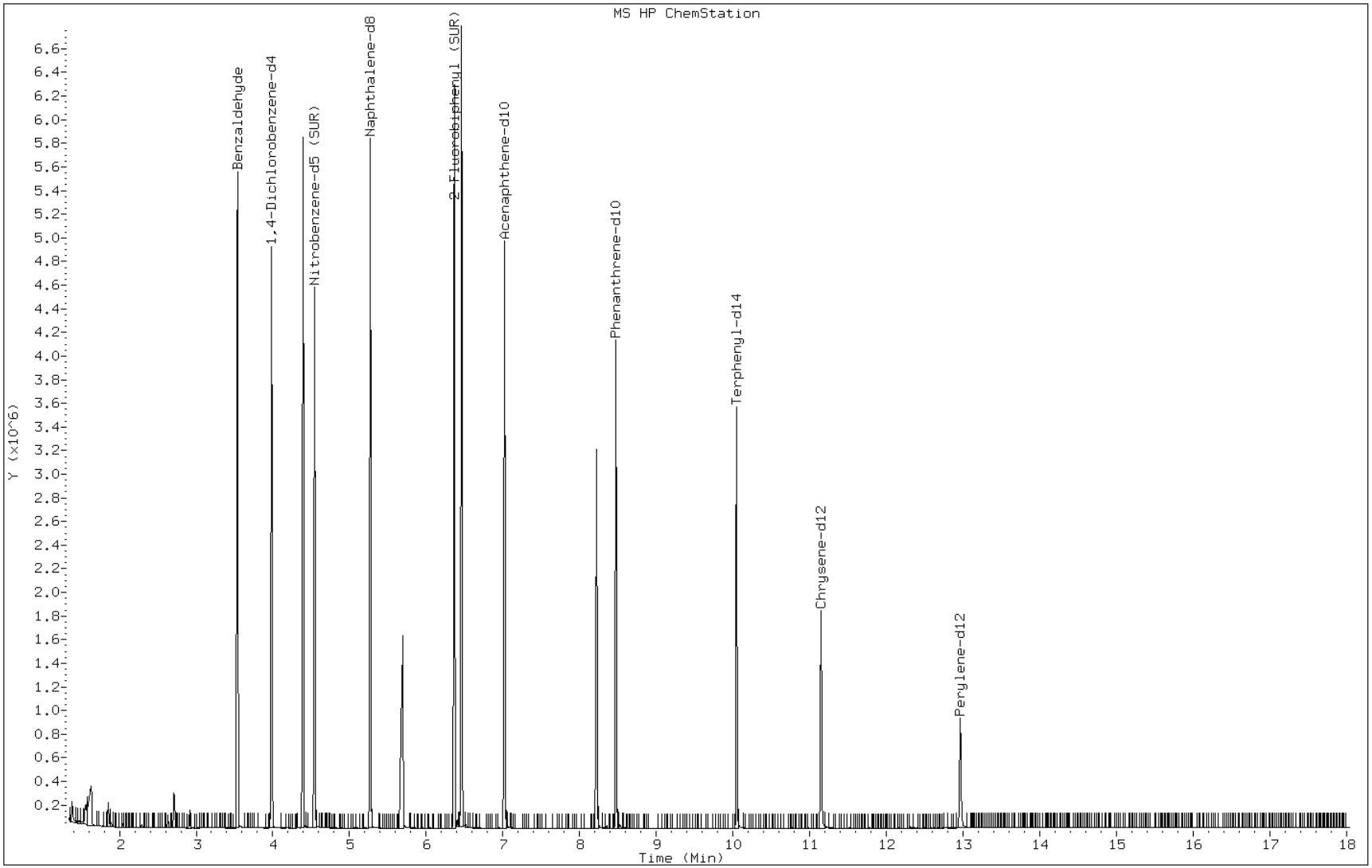
Date: 10-MAR-2010 13:09

Client ID:

Instrument: BNAMS11.i

Sample Info: CCV-396218

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCV 460-32807/1 Calibration Date: 03/22/2010 20:17

Instrument ID: BNAMS11 Calib Start Date: 03/22/2010 14:34

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/22/2010 16:13

Lab File ID: z8987.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.359	1.314	0.0500	48300	50000	-3.3	25.0
Nitrobenzene-d5 (Surr)	Ave	0.4666	0.4689	0.0500	50200	50000	0.5	25.0
2-Fluorobiphenyl	Ave	1.383	1.339	0.0500	48400	50000	-3.2	25.0
Terphenyl-d14 (Surr)	Ave	1.069	1.047	0.0500	49000	50000	-2.1	25.0

Data File: z8987.d
Report Date: 23-Mar-2010 17:43

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10br.b/z8987.d
Lab Smp Id: CCV-396218
Inj Date : 22-MAR-2010 20:17
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : CCV-396218
Misc Info : 50 ppm bna 4446
Comment :
Method : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10br.b/8270del_Benz.m
Meth Date : 23-Mar-2010 17:43 wahied Quant Type: ISTD
Cal Date : 22-MAR-2010 20:17 Cal File: z8987.d
Als bottle: 23 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

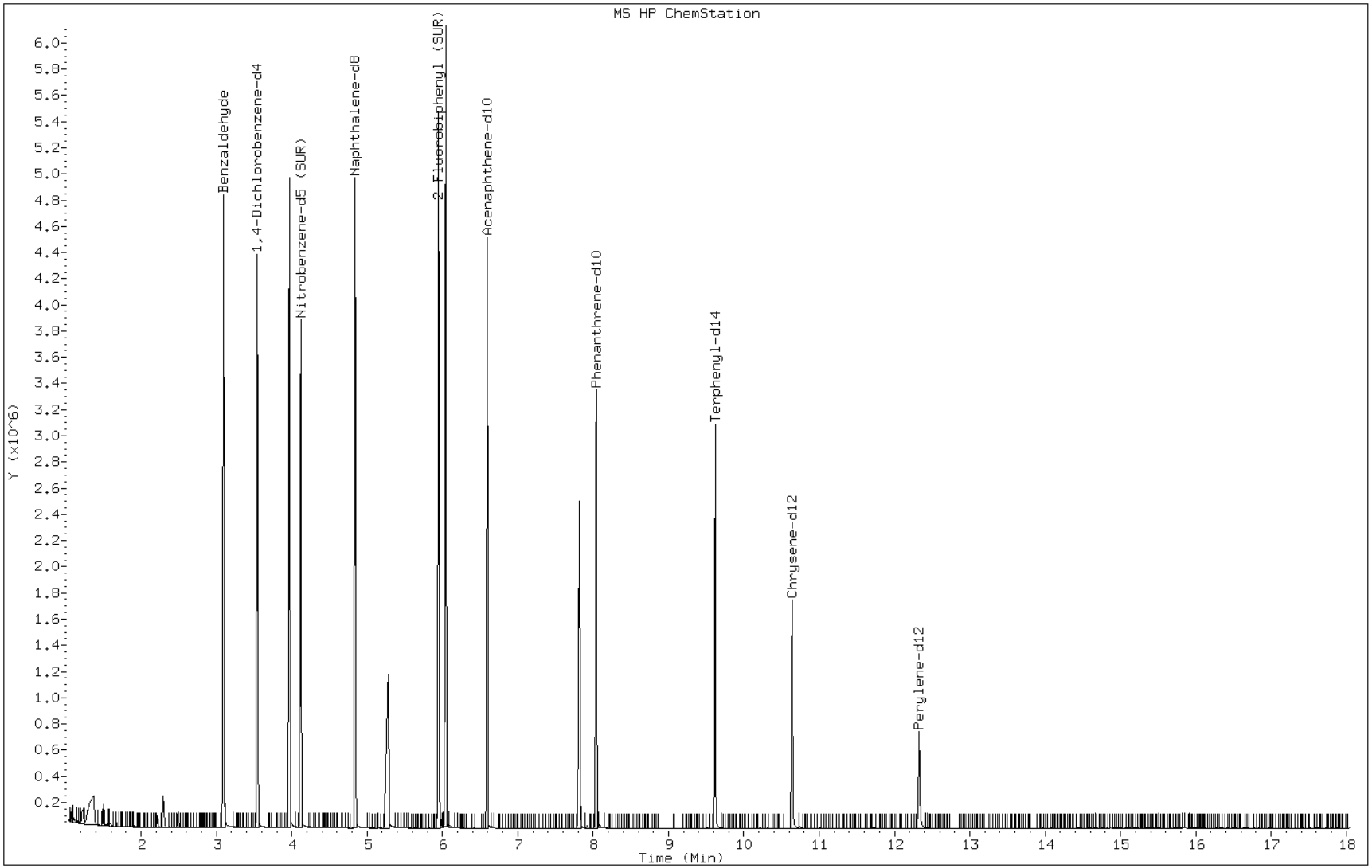
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	110 Benzaldehyde	77	3.095	3.095	(0.874)	916339	50.0000	48
*	79 1,4-Dichlorobenzene-d4	152	3.542	3.542	(1.000)	558073	40.0000	
$	76 Nitrobenzene-d5 (SUR)	82	4.119	4.119	(0.851)	1153409	50.0000	50
*	80 Naphthalene-d8	136	4.842	4.842	(1.000)	1968080	40.0000	
$	77 2-Fluorobiphenyl (SUR)	172	5.948	5.948	(0.902)	1531398	50.0000	48
*	82 Acenaphthene-d10	164	6.595	6.595	(1.000)	915194	40.0000	
*	83 Phenanthrene-d10	188	8.042	8.042	(1.000)	1160984	40.0000	
$	78 Terphenyl-d14	244	9.619	9.619	(0.904)	908405	50.0000	49
*	81 Chrysene-d12	240	10.642	10.642	(1.000)	693912	40.0000	
*	84 Perylene-d12	264	12.330	12.330	(1.000)	456733	40.0000	

Data File: z8987.d

Date: 22-MAR-2010 20:17

Client ID: Instrument: BNAMS11.i

Sample Info: CCV-396218 Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8503.d
Report Date: 05-Mar-2010 22:52

TestAmerica

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8503.d
Lab Smp Id: DFTPP-284095
Inj Date : 05-MAR-2010 20:11
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-284095
Misc Info : 25 ppm dftpp bna4426
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/DFTPP8270DEL.m
Meth Date : 26-Jan-2010 14:03 czhao Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.890	5.070	-0.180	198	47012			0.00- 100.00	100.00
4.890	5.070	-0.180	51	22874			30.00- 60.00	48.66
4.890	5.070	-0.180	68	207			0.00- 2.00	1.05
4.890	5.070	-0.180	69	19739			0.00- 0.00	41.99
4.890	5.070	-0.180	70	0			0.00- 2.00	0.00
4.890	5.070	-0.180	127	22468			40.00- 60.00	47.79
4.890	5.070	-0.180	197	0			0.00- 1.00	0.00
4.890	5.070	-0.180	199	3139			5.00- 9.00	6.68
4.890	5.070	-0.180	275	9811			10.00- 30.00	20.87
4.890	5.070	-0.180	365	1410			1.00- 0.00	3.00
4.890	5.070	-0.180	441	5601			0.01- 100.00	82.55
4.890	5.070	-0.180	442	35944			40.00- 110.00	76.46
4.890	5.070	-0.180	443	6785			17.00- 23.00	18.88

Data File: z8503.d

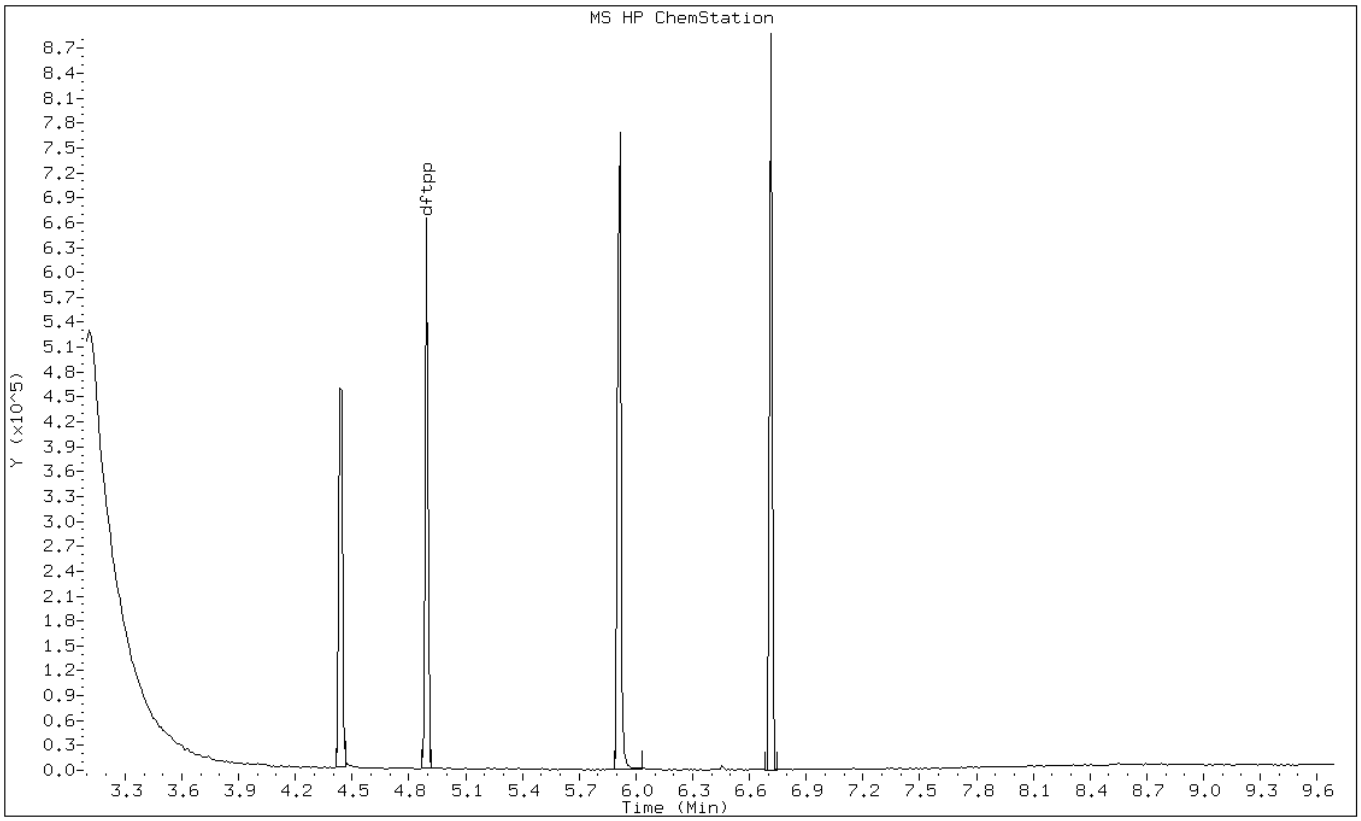
Date: 05-MAR-2010 20:11

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-284095

Operator: BNA2



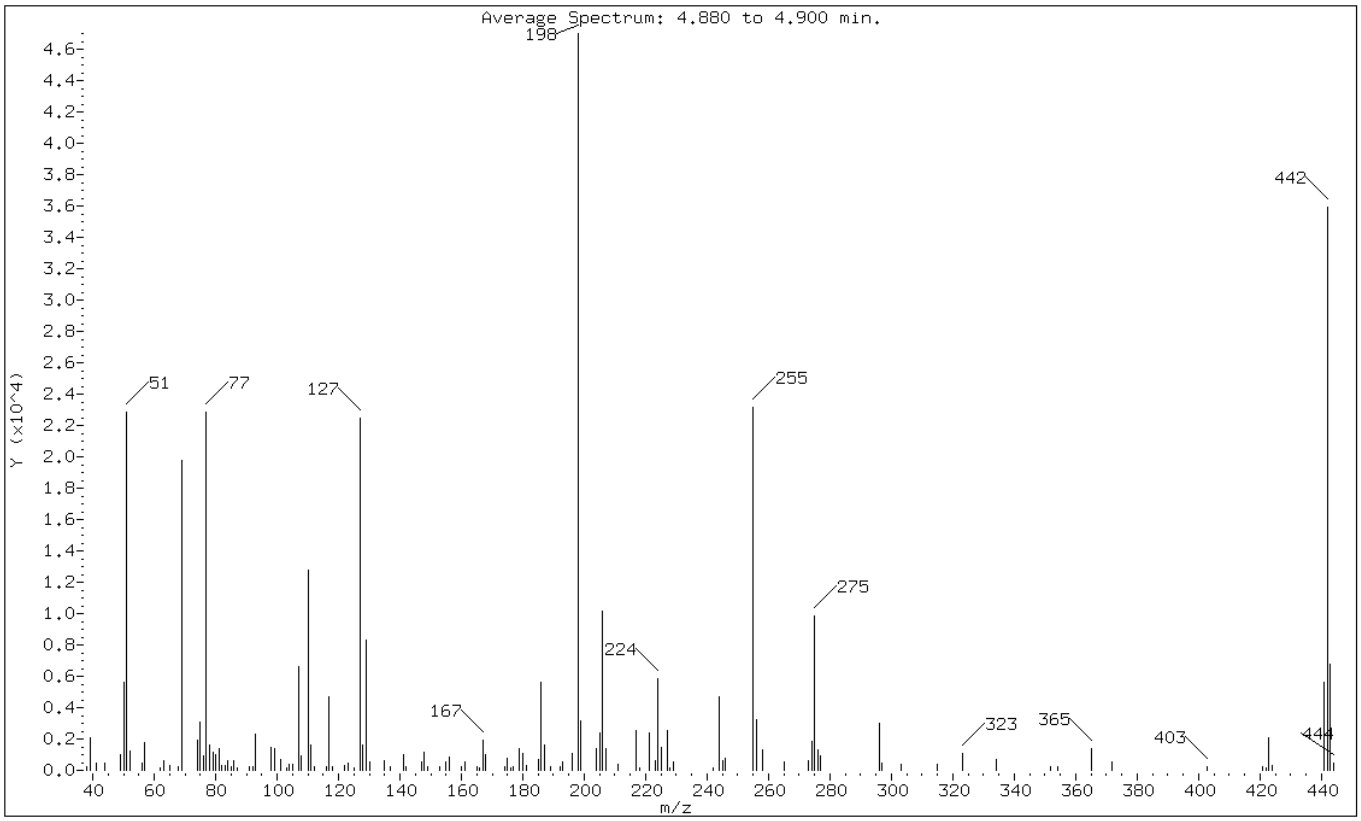
Data File: z8503.d

Date: 05-MAR-2010 20:11

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-284095 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	48.66
68	Less than 2.00% of mass 69	0.44 (1.05)
69	Mass 69 relative abundance	41.99
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	47.79
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.68
275	10.00 - 30.00% of mass 198	20.87
365	Greater than 1.00% of mass 198	3.00
441	0.01 - 100.00% of mass 443	11.91 (82.55)
442	40.00 - 110.00% of mass 198	76.46
443	17.00 - 23.00% of mass 442	14.43 (18.88)

Data File: z8503.d

Date: 05-MAR-2010 20:11

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-284095 Operator: BNA2

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8503.d
Spectrum: Average Spectrum: 4.880 to 4.900 min.
Location of Maximum: 198.00
Number of points: 131

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	212	99.00	1360	166.00	183	242.00	172
39.00	2040	101.00	713	167.00	1906	244.00	4688
41.00	441	103.00	180	168.00	970	245.00	620
44.00	430	104.00	405	174.00	258	246.00	788
49.00	968	105.00	348	175.00	748	255.00	23144
50.00	5645	107.00	6581	176.00	188	256.00	3224
51.00	22872	108.00	924	177.00	248	258.00	1328
52.00	1259	110.00	12777	179.00	1393	265.00	520
56.00	467	111.00	1607	180.00	1046	273.00	629
57.00	1748	112.00	197	181.00	321	274.00	1841
62.00	190	116.00	194	185.00	664	275.00	9811
63.00	592	117.00	4714	186.00	5635	276.00	1289
65.00	305	118.00	235	187.00	1588	277.00	903
68.00	207	122.00	283	189.00	197	296.00	2984
69.00	19736	123.00	442	192.00	260	297.00	432
74.00	1906	125.00	173	193.00	553	303.00	376
75.00	3061	127.00	22464	196.00	1077	315.00	369
76.00	950	128.00	1597	198.00	47008	323.00	1047
77.00	22824	129.00	8343	199.00	3139	334.00	668
78.00	1623	130.00	505	204.00	1376	352.00	201
79.00	1127	135.00	610	205.00	2354	354.00	211
80.00	1031	137.00	234	206.00	10179	365.00	1410
81.00	1370	141.00	1029	207.00	1409	372.00	574
82.00	308	142.00	202	211.00	366	403.00	248
83.00	298	147.00	531	217.00	2548	421.00	218
84.00	581	148.00	1116	218.00	191	422.00	186
85.00	234	149.00	220	221.00	2348	423.00	2055
86.00	598	153.00	228	223.00	606	424.00	303
87.00	174	155.00	520	224.00	5870	441.00	5601
91.00	266	156.00	855	225.00	1497	442.00	35944
92.00	242	160.00	220	227.00	2522	443.00	6785
93.00	2286	161.00	520	228.00	181	444.00	493
98.00	1480	165.00	245	229.00	506		

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8548.d
Report Date: 07-Mar-2010 15:02

TestAmerica

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8548.d
Lab Smp Id: DFTPP-284095
Inj Date : 07-MAR-2010 14:47
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-284095
Misc Info : 25 ppm dftpp bna4426
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/DFTPP8270DEL.m
Meth Date : 26-Jan-2010 14:03 czhao Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.900	5.070	-0.170	198	39463			0.00- 100.00	100.00
4.900	5.070	-0.170	51	19861			30.00- 60.00	50.33
4.900	5.070	-0.170	68	171			0.00- 2.00	1.03
4.900	5.070	-0.170	69	16549			0.00- 0.00	41.94
4.900	5.070	-0.170	70	0			0.00- 2.00	0.00
4.900	5.070	-0.170	127	18967			40.00- 60.00	48.06
4.900	5.070	-0.170	197	0			0.00- 1.00	0.00
4.900	5.070	-0.170	199	2700			5.00- 9.00	6.84
4.900	5.070	-0.170	275	8077			10.00- 30.00	20.47
4.900	5.070	-0.170	365	1162			1.00- 0.00	2.94
4.900	5.070	-0.170	441	4461			0.01- 100.00	82.26
4.900	5.070	-0.170	442	30379			40.00- 110.00	76.98
4.900	5.070	-0.170	443	5423			17.00- 23.00	17.85

Data File: z8548.d

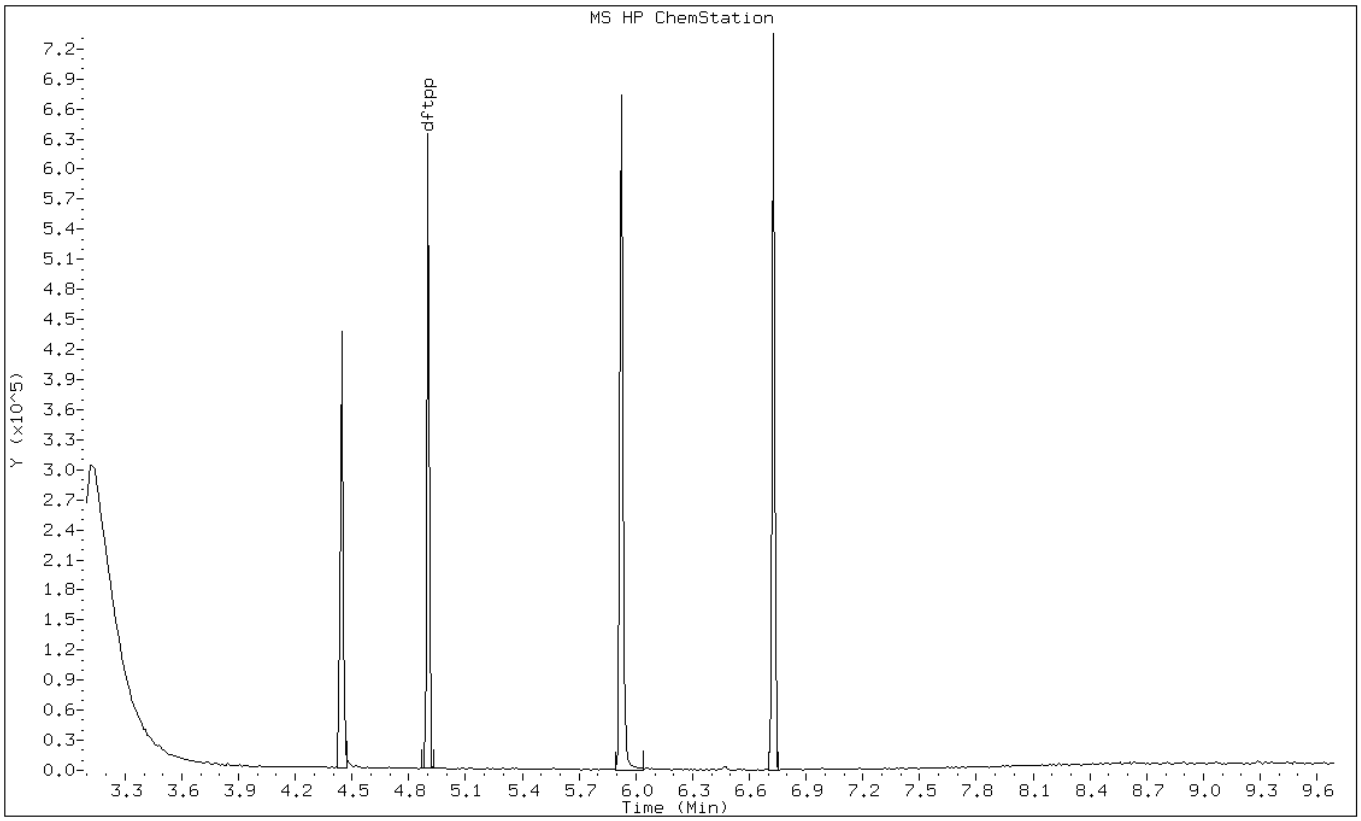
Date: 07-MAR-2010 14:47

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-284095

Operator: BNA2



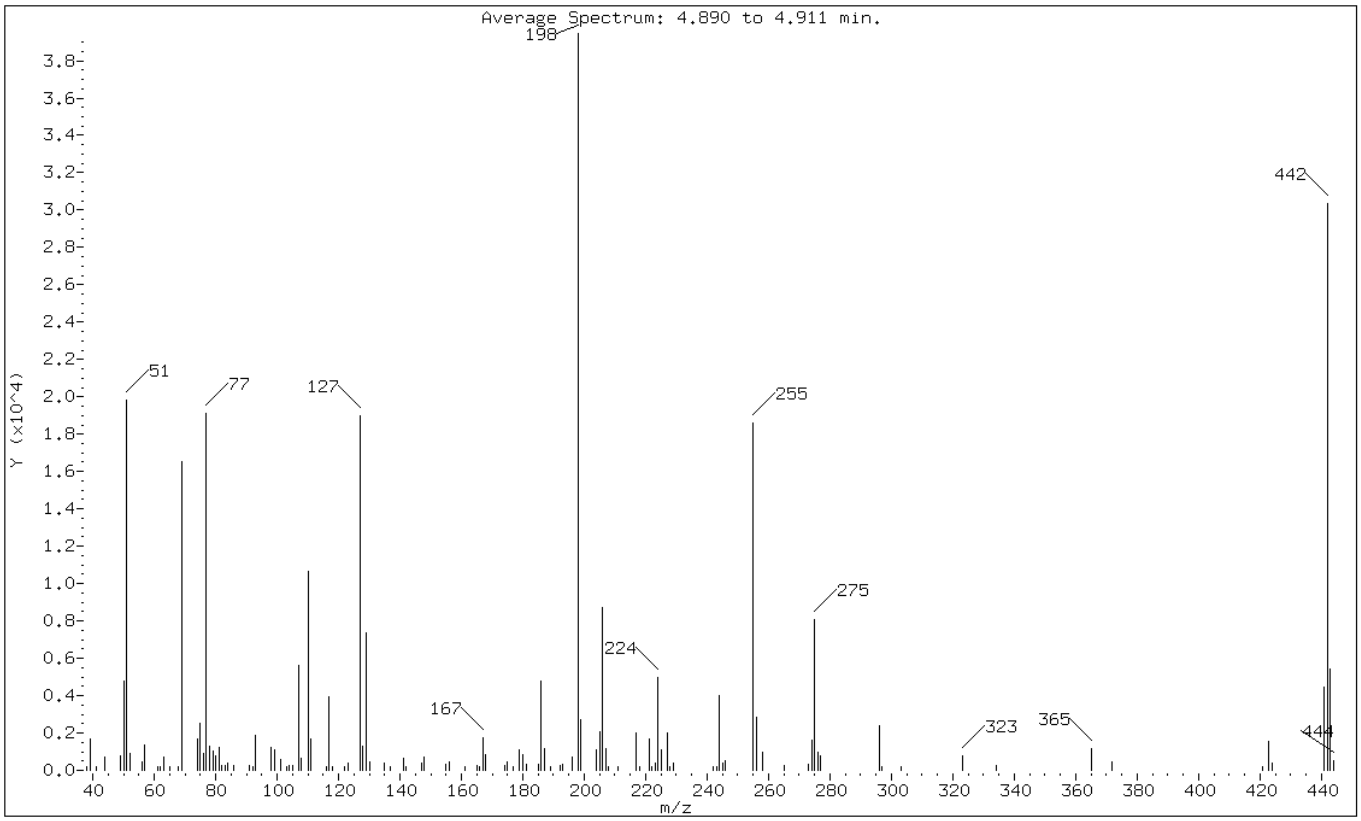
Data File: z8548.d

Date: 07-MAR-2010 14:47

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-284095 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	50.33
68	Less than 2.00% of mass 69	0.43 (1.03)
69	Mass 69 relative abundance	41.94
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	48.06
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.84
275	10.00 - 30.00% of mass 198	20.47
365	Greater than 1.00% of mass 198	2.94
441	0.01 - 100.00% of mass 443	11.30 (82.26)
442	40.00 - 110.00% of mass 198	76.98
443	17.00 - 23.00% of mass 442	13.74 (17.85)

Data File: z8548.d

Date: 07-MAR-2010 14:47

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-284095

Operator: BNA2

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8548.d
Spectrum: Average Spectrum: 4.890 to 4.911 min.
Location of Maximum: 198.00
Number of points: 122

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	200	98.00	1216	168.00	824	229.00	367
39.00	1680	99.00	1129	174.00	259	242.00	182
41.00	175	101.00	587	175.00	424	243.00	181
44.00	725	103.00	207	177.00	205	244.00	3974
49.00	793	104.00	261	179.00	1102	245.00	395
50.00	4790	105.00	266	180.00	853	246.00	489
51.00	19856	107.00	5594	181.00	327	255.00	18616
52.00	935	108.00	639	185.00	344	256.00	2819
56.00	449	110.00	10685	186.00	4757	258.00	964
57.00	1351	111.00	1652	187.00	1170	265.00	274
61.00	170	116.00	178	189.00	174	273.00	334
62.00	172	117.00	3970	192.00	244	274.00	1592
63.00	701	118.00	180	193.00	293	275.00	8077
65.00	205	122.00	181	196.00	705	276.00	1000
68.00	171	123.00	388	198.00	39456	277.00	794
69.00	16544	127.00	18960	199.00	2700	296.00	2369
74.00	1665	128.00	1303	204.00	1119	297.00	199
75.00	2525	129.00	7366	205.00	2068	303.00	214
76.00	899	130.00	479	206.00	8697	323.00	778
77.00	19096	135.00	413	207.00	1152	334.00	265
78.00	1309	137.00	198	208.00	218	365.00	1162
79.00	1010	141.00	649	211.00	197	372.00	465
80.00	800	142.00	202	217.00	1979	421.00	167
81.00	1224	147.00	358	218.00	187	423.00	1542
82.00	265	148.00	680	221.00	1688	424.00	379
83.00	257	155.00	306	222.00	214	441.00	4461
84.00	363	156.00	461	223.00	370	442.00	30376
86.00	288	161.00	203	224.00	4946	443.00	5423
91.00	283	165.00	257	225.00	1116	444.00	500
92.00	216	166.00	215	227.00	2012		
93.00	1881	167.00	1725	228.00	226		

Data File: /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/z8569.d
Report Date: 08-Mar-2010 14:59

TestAmerica

Data file : /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/z8569.d
Lab Smp Id: DFTPP-284095
Inj Date : 08-MAR-2010 14:52
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-284095
Misc Info : 25 ppm dftpp bna4426
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/DFTPP8270DEL.m
Meth Date : 26-Jan-2010 14:03 czhao Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.869	5.070	-0.201	198	34571			0.00- 100.00	100.00
4.869	5.070	-0.201	51	16803			30.00- 60.00	48.60
4.869	5.070	-0.201	68	0			0.00- 2.00	0.00
4.869	5.070	-0.201	69	13828			0.00- 0.00	40.00
4.869	5.070	-0.201	70	0			0.00- 2.00	0.00
4.869	5.070	-0.201	127	16179			40.00- 60.00	46.80
4.869	5.070	-0.201	197	0			0.00- 1.00	0.00
4.869	5.070	-0.201	199	2281			5.00- 9.00	6.60
4.869	5.070	-0.201	275	7443			10.00- 30.00	21.53
4.869	5.070	-0.201	365	967			1.00- 0.00	2.80
4.869	5.070	-0.201	441	3697			0.01- 100.00	69.30
4.869	5.070	-0.201	442	27737			40.00- 110.00	80.23
4.869	5.070	-0.201	443	5335			17.00- 23.00	19.23

Data File: z8569.d

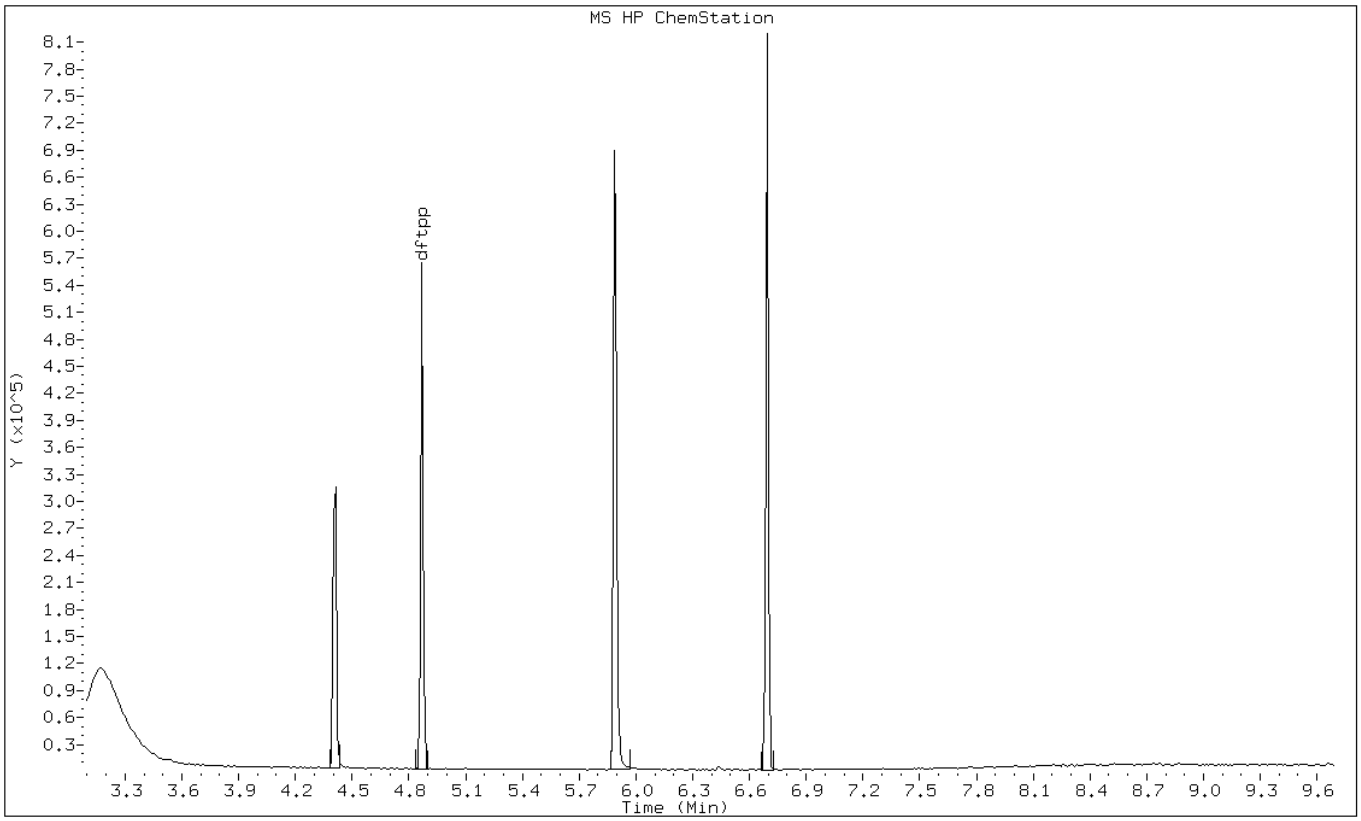
Date: 08-MAR-2010 14:52

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-284095

Operator: BNA2



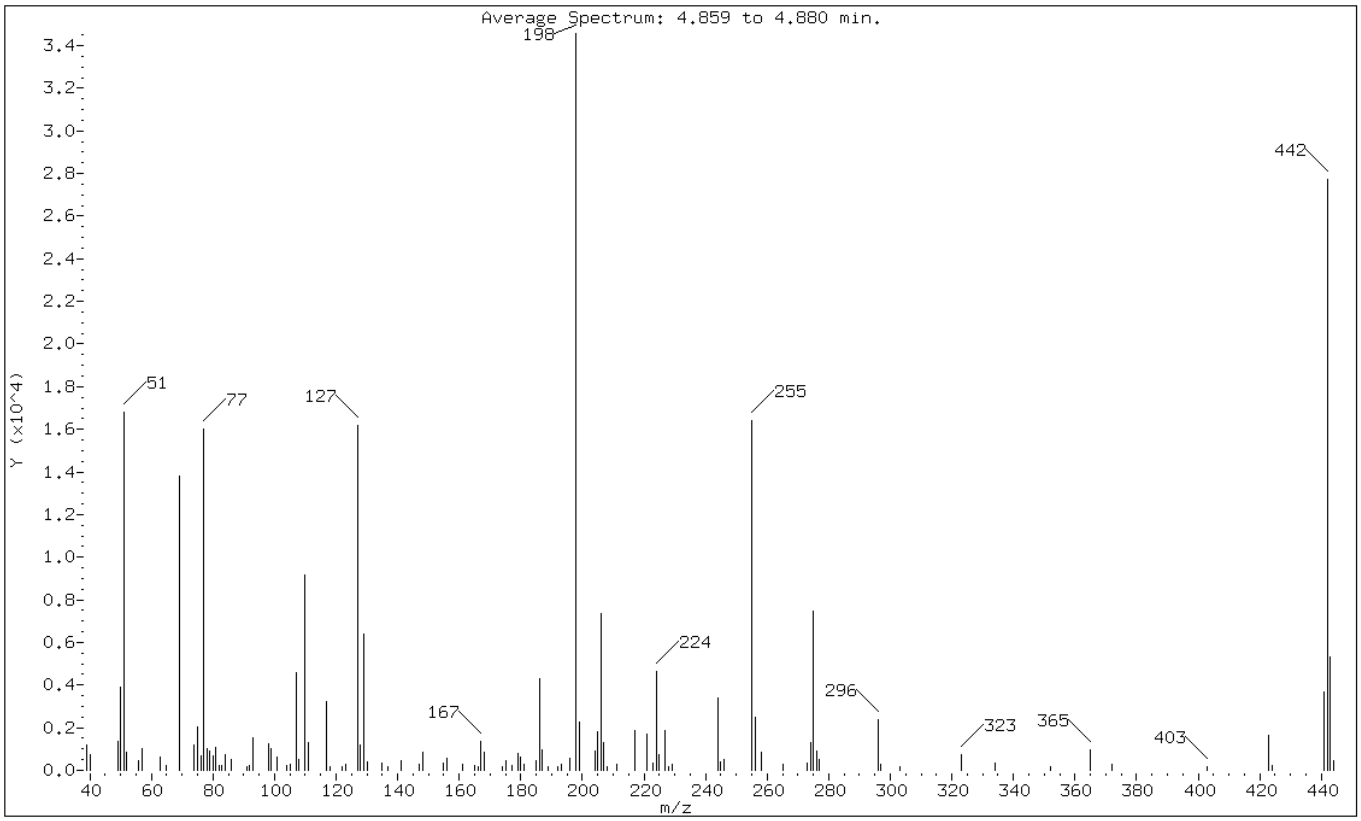
Data File: z8569.d

Date: 08-MAR-2010 14:52

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-284095 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	48.60
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	40.00
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	46.80
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.60
275	10.00 - 30.00% of mass 198	21.53
365	Greater than 1.00% of mass 198	2.80
441	0.01 - 100.00% of mass 443	10.69 (69.30)
442	40.00 - 110.00% of mass 198	80.23
443	17.00 - 23.00% of mass 442	15.43 (19.23)

Data File: z8569.d

Date: 08-MAR-2010 14:52

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-284095 Operator: BNA2

Data File: /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b/z8569.d
Spectrum: Average Spectrum: 4.859 to 4.880 min.
Location of Maximum: 198.00
Number of points: 111

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1170	101.00	646	175.00	472	244.00	3376
40.00	758	104.00	239	177.00	209	245.00	377
49.00	1370	105.00	277	179.00	818	246.00	504
50.00	3880	107.00	4567	180.00	600	255.00	16424
51.00	16800	108.00	509	181.00	291	256.00	2491
52.00	852	110.00	9156	185.00	426	258.00	876
56.00	462	111.00	1306	186.00	4326	265.00	285
57.00	1027	117.00	3204	187.00	969	273.00	337
63.00	644	118.00	182	189.00	180	274.00	1290
65.00	202	122.00	179	192.00	192	275.00	7443
69.00	13828	123.00	273	193.00	283	276.00	932
74.00	1180	127.00	16179	196.00	564	277.00	483
75.00	2010	128.00	1184	198.00	34568	296.00	2371
76.00	670	129.00	6404	199.00	2281	297.00	286
77.00	16019	130.00	398	204.00	891	303.00	169
78.00	992	135.00	351	205.00	1790	323.00	746
79.00	880	137.00	181	206.00	7380	334.00	351
80.00	703	141.00	457	207.00	1287	352.00	177
81.00	1103	147.00	255	208.00	194	365.00	967
82.00	215	148.00	830	211.00	287	372.00	269
83.00	200	155.00	346	217.00	1854	403.00	173
84.00	714	156.00	555	221.00	1686	423.00	1639
86.00	529	161.00	255	223.00	325	424.00	202
91.00	168	165.00	201	224.00	4662	441.00	3697
92.00	224	166.00	186	225.00	744	442.00	27736
93.00	1500	167.00	1369	227.00	1865	443.00	5335
98.00	1223	168.00	863	228.00	189	444.00	451
99.00	1003	174.00	195	229.00	295		

Data File: /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/z8576.d
Report Date: 09-Mar-2010 14:28

TestAmerica

Data file : /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/z8576.d
Lab Smp Id: DFTPP-284095
Inj Date : 09-MAR-2010 09:19
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-284095
Misc Info : 25 ppm dftpp bna4426
Comment :
Method : /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/DFTPP8270DEL.m
Meth Date : 26-Jan-2010 14:03 czhao Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.848	5.070	-0.222	198	36182			0.00- 100.00	100.00
4.848	5.070	-0.222	51	18117			30.00- 60.00	50.07
4.848	5.070	-0.222	68	0			0.00- 2.00	0.00
4.848	5.070	-0.222	69	15026			0.00- 0.00	41.53
4.848	5.070	-0.222	70	0			0.00- 2.00	0.00
4.848	5.070	-0.222	127	16897			40.00- 60.00	46.70
4.848	5.070	-0.222	197	0			0.00- 1.00	0.00
4.848	5.070	-0.222	199	2198			5.00- 9.00	6.07
4.848	5.070	-0.222	275	7435			10.00- 30.00	20.55
4.848	5.070	-0.222	365	989			1.00- 0.00	2.73
4.848	5.070	-0.222	441	3879			0.01- 100.00	79.10
4.848	5.070	-0.222	442	27779			40.00- 110.00	76.78
4.848	5.070	-0.222	443	4904			17.00- 23.00	17.65

Data File: z8576.d

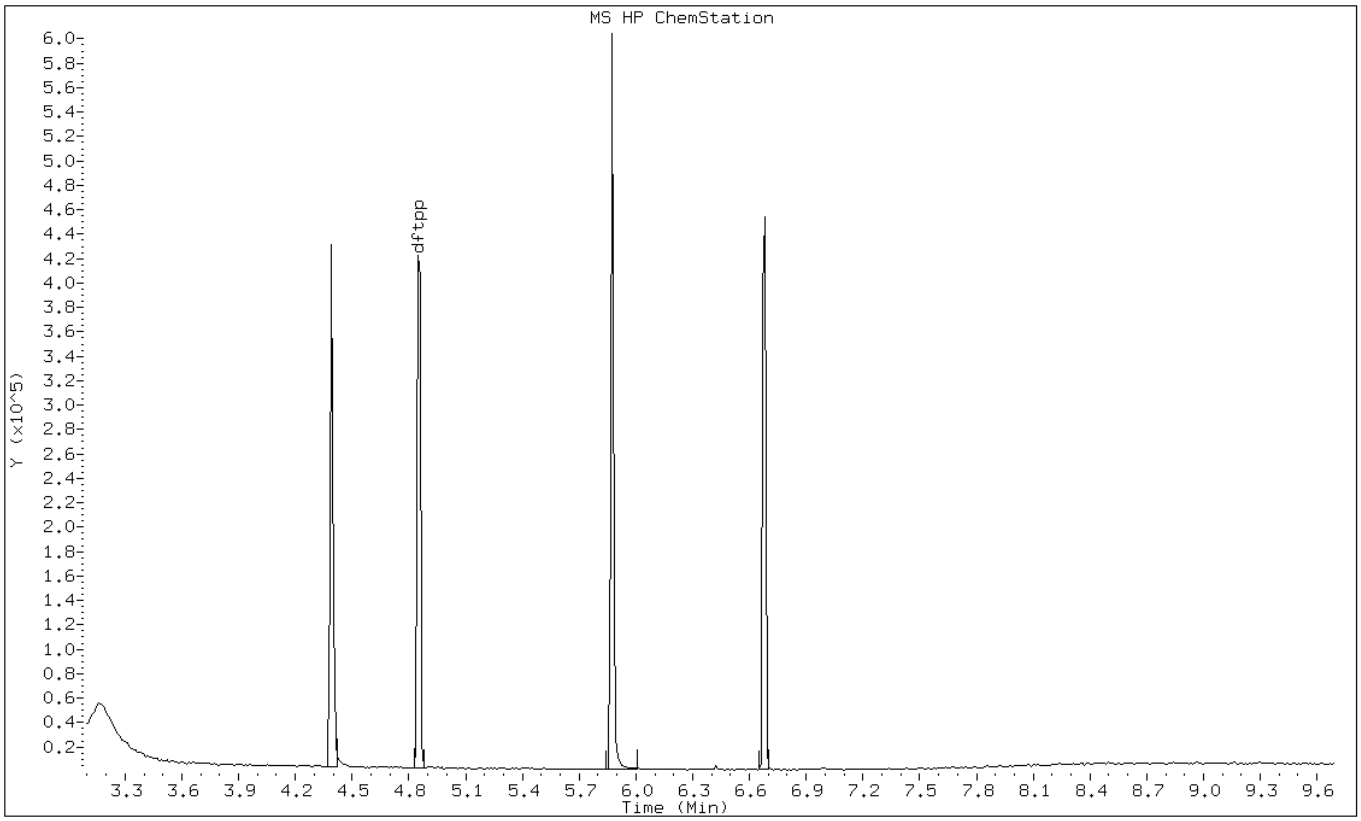
Date: 09-MAR-2010 09:19

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-284095

Operator: BNA2



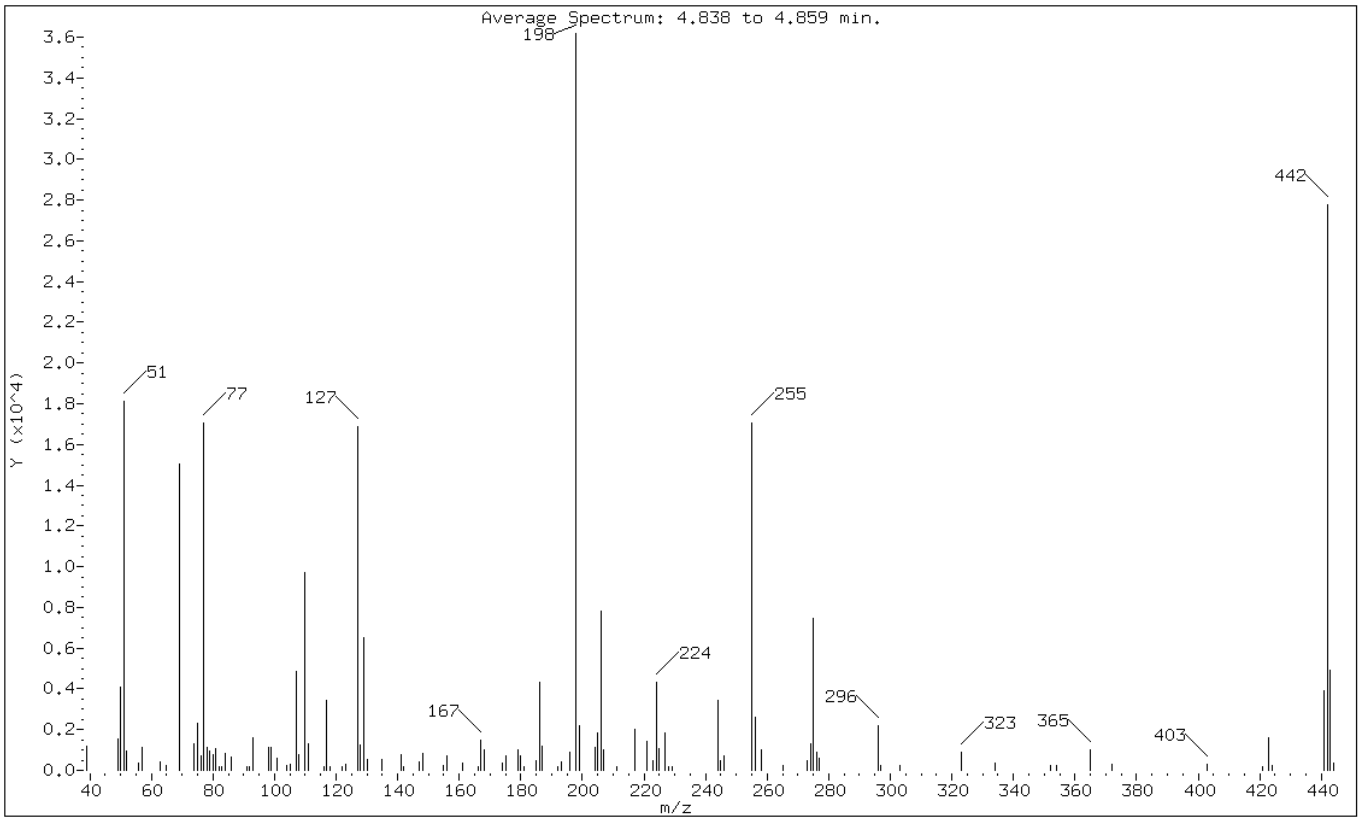
Data File: z8576.d

Date: 09-MAR-2010 09:19

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-284095 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	50.07
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	41.53
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	46.70
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.07
275	10.00 - 30.00% of mass 198	20.55
365	Greater than 1.00% of mass 198	2.73
441	0.01 - 100.00% of mass 443	10.72 (79.10)
442	40.00 - 110.00% of mass 198	76.78
443	17.00 - 23.00% of mass 442	13.55 (17.65)

Data File: z8576.d

Date: 09-MAR-2010 09:19

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-284095

Operator: BNA2

Data File: /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b/z8576.d
Spectrum: Average Spectrum: 4.838 to 4.859 min.
Location of Maximum: 198.00
Number of points: 109

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1160	104.00	208	179.00	992	256.00	2593
49.00	1525	105.00	274	180.00	739	258.00	980
50.00	4087	107.00	4876	181.00	170	265.00	251
51.00	18112	108.00	755	185.00	479	273.00	496
52.00	918	110.00	9732	186.00	4303	274.00	1320
56.00	335	111.00	1281	187.00	1174	275.00	7435
57.00	1150	116.00	167	192.00	185	276.00	869
63.00	422	117.00	3417	193.00	417	277.00	597
65.00	217	118.00	194	196.00	861	296.00	2165
69.00	15026	122.00	201	198.00	36176	297.00	218
74.00	1321	123.00	290	199.00	2198	303.00	265
75.00	2307	127.00	16896	204.00	1136	323.00	862
76.00	704	128.00	1260	205.00	1829	334.00	382
77.00	17040	129.00	6538	206.00	7812	352.00	214
78.00	1124	130.00	504	207.00	1036	354.00	210
79.00	956	135.00	533	211.00	178	365.00	989
80.00	773	141.00	784	217.00	2027	372.00	313
81.00	1064	142.00	194	221.00	1436	403.00	276
82.00	173	147.00	389	223.00	481	421.00	167
83.00	173	148.00	841	224.00	4349	423.00	1614
84.00	844	155.00	252	225.00	1074	424.00	245
86.00	652	156.00	740	227.00	1809	441.00	3879
91.00	191	161.00	344	228.00	197	442.00	27776
92.00	176	166.00	166	229.00	189	443.00	4904
93.00	1582	167.00	1484	244.00	3440	444.00	373
98.00	1137	168.00	977	245.00	449		
99.00	1107	174.00	345	246.00	737		
101.00	611	175.00	691	255.00	17024		

Data File: /chem/BNAMS11.i/8270/03-09-10benzdel/10mar10.b/z8631.d
Report Date: 10-Mar-2010 10:44

TestAmerica

Data file : /chem/BNAMS11.i/8270/03-09-10benzdel/10mar10.b/z8631.d
Lab Smp Id: DFTPP-284095
Inj Date : 10-MAR-2010 10:35
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-284095
Misc Info : 25 ppm dftpp bna4426
Comment   :
Method   : /chem/BNAMS11.i/8270/03-09-10benzdel/10mar10.b/DFTPP8270DEL.m
Meth Date : 26-Jan-2010 14:03 czhao Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.838	5.070	-0.232	198	43287			0.00- 100.00	100.00
4.838	5.070	-0.232	51	20553			30.00- 60.00	47.48
4.838	5.070	-0.232	68	0			0.00- 2.00	0.00
4.838	5.070	-0.232	69	17205			0.00- 0.00	39.75
4.838	5.070	-0.232	70	0			0.00- 2.00	0.00
4.838	5.070	-0.232	127	20284			40.00- 60.00	46.86
4.838	5.070	-0.232	197	0			0.00- 1.00	0.00
4.838	5.070	-0.232	199	3064			5.00- 9.00	7.08
4.838	5.070	-0.232	275	9199			10.00- 30.00	21.25
4.838	5.070	-0.232	365	1407			1.00- 0.00	3.25
4.838	5.070	-0.232	441	5502			0.01- 100.00	79.09
4.838	5.070	-0.232	442	38143			40.00- 110.00	88.12
4.838	5.070	-0.232	443	6957			17.00- 23.00	18.24

Data File: z8631.d

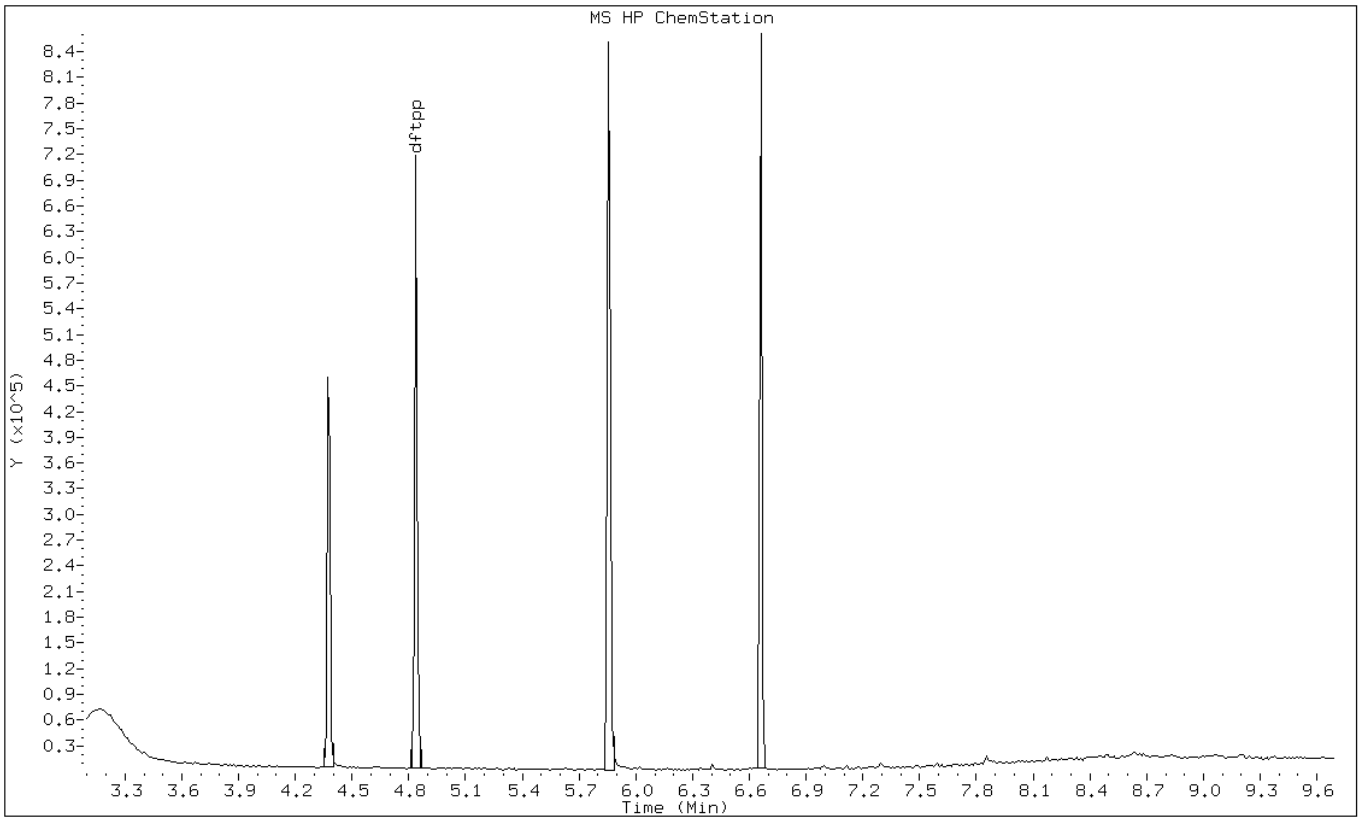
Date: 10-MAR-2010 10:35

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-284095

Operator: BNA2



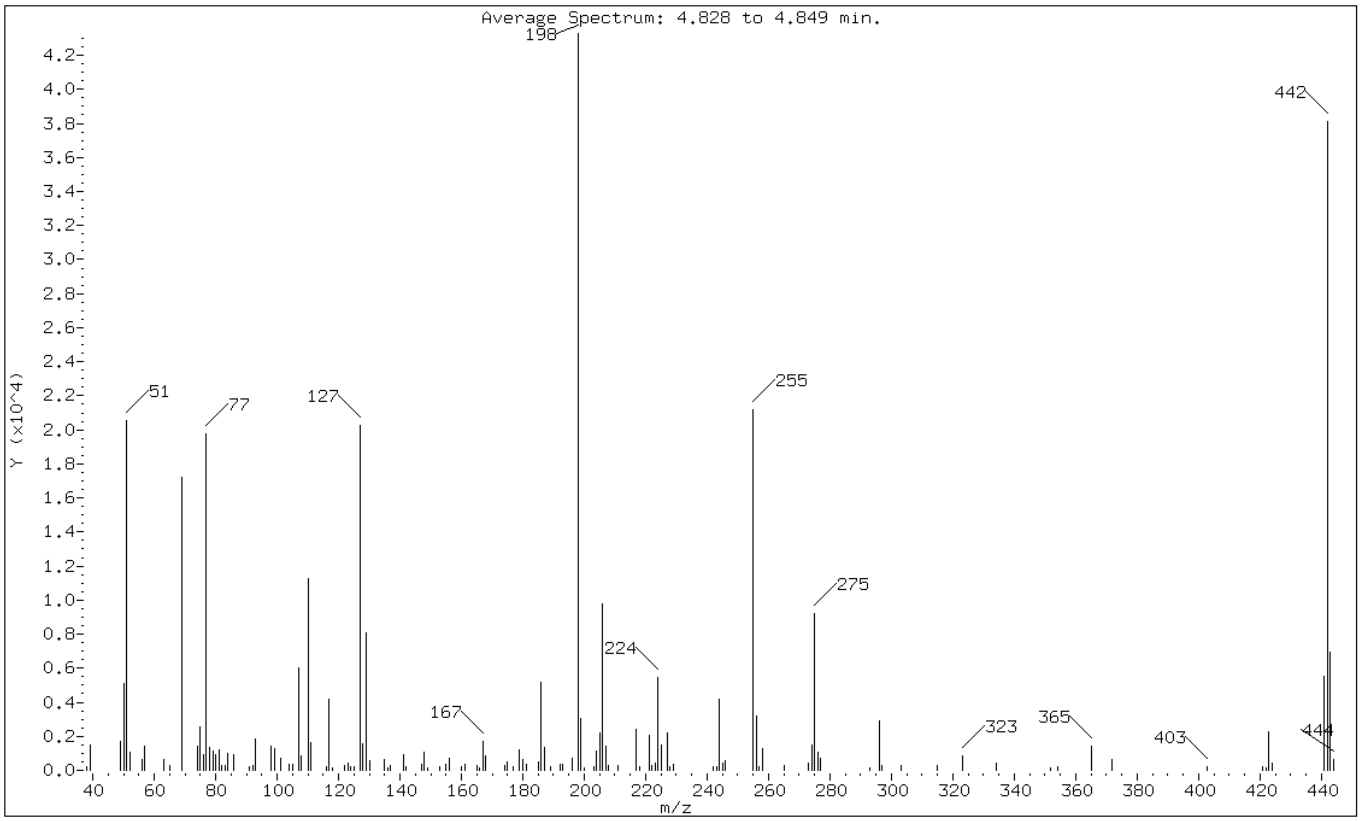
Data File: z8631.d

Date: 10-MAR-2010 10:35

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-284095 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	47.48
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	39.75
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	46.86
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.08
275	10.00 - 30.00% of mass 198	21.25
365	Greater than 1.00% of mass 198	3.25
441	0.01 - 100.00% of mass 443	12.71 (79.09)
442	40.00 - 110.00% of mass 198	88.12
443	17.00 - 23.00% of mass 442	16.07 (18.24)

Data File: z8631.d

Date: 10-MAR-2010 10:35

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-284095 Operator: BNA2

Data File: /chem/BNAMS11.i/8270/03-09-10benzdel/10mar10.b/z8631.d
Spectrum: Average Spectrum: 4.828 to 4.849 min.
Location of Maximum: 198.00
Number of points: 131

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	187	110.00	11234	179.00	1223	245.00	436
39.00	1472	111.00	1609	180.00	662	246.00	601
49.00	1669	116.00	189	181.00	365	255.00	21168
50.00	5109	117.00	4145	185.00	489	256.00	3211
51.00	20552	118.00	177	186.00	5200	257.00	211
52.00	1066	122.00	258	187.00	1337	258.00	1258
56.00	623	123.00	408	189.00	179	265.00	308
57.00	1431	124.00	208	192.00	345	273.00	438
63.00	662	125.00	209	193.00	383	274.00	1510
65.00	249	127.00	20280	196.00	709	275.00	9199
69.00	17200	128.00	1545	198.00	43280	276.00	1094
74.00	1437	129.00	8084	199.00	3064	277.00	697
75.00	2568	130.00	594	200.00	176	293.00	169
76.00	898	135.00	634	203.00	201	296.00	2936
77.00	19784	136.00	172	204.00	1155	297.00	314
78.00	1361	137.00	259	205.00	2217	303.00	261
79.00	1115	141.00	892	206.00	9781	315.00	262
80.00	932	142.00	234	207.00	1389	323.00	869
81.00	1214	147.00	324	208.00	253	334.00	454
82.00	288	148.00	1047	211.00	287	352.00	176
83.00	269	149.00	172	217.00	2405	354.00	212
84.00	1025	153.00	198	218.00	245	365.00	1407
86.00	929	155.00	372	221.00	2063	372.00	619
91.00	241	156.00	732	222.00	253	403.00	241
92.00	270	160.00	202	223.00	403	421.00	182
93.00	1860	161.00	337	224.00	5442	422.00	169
98.00	1447	165.00	296	225.00	1478	423.00	2233
99.00	1264	166.00	170	227.00	2197	424.00	453
101.00	684	167.00	1716	228.00	194	441.00	5502
104.00	352	168.00	862	229.00	352	442.00	38136
105.00	332	174.00	300	242.00	193	443.00	6957
107.00	6044	175.00	530	243.00	239	444.00	605
108.00	875	177.00	228	244.00	4190		

Data File: /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8965.d
Report Date: 23-Mar-2010 13:12

TestAmerica

Data file : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8965.d
Lab Smp Id: DFTPP-284095
Inj Date : 22-MAR-2010 11:14
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-284095
Misc Info : 25 ppm dftpp bna4426
Comment   :
Method   : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/DFTPP8270DEL.m
Meth Date : 23-Mar-2010 13:11 croccom Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

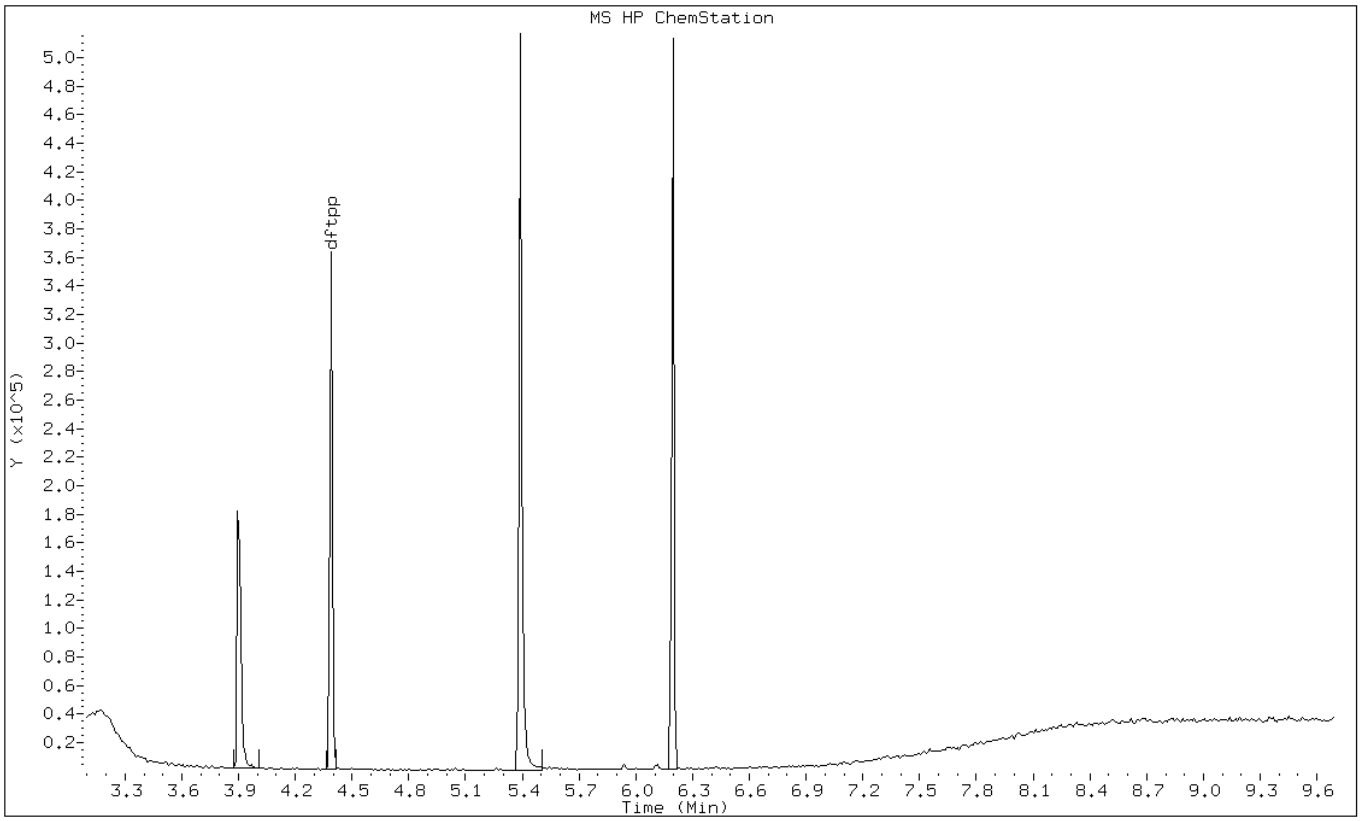
RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.393	4.393	0.000	198	25474			0.00- 100.00	100.00
4.393	4.393	0.000	51	11808			30.00- 60.00	46.35
4.393	4.393	0.000	68	0			0.00- 2.00	0.00
4.393	4.393	0.000	69	9715			0.00- 0.00	38.14
4.393	4.393	0.000	70	0			0.00- 2.00	0.00
4.393	4.393	0.000	127	11564			40.00- 60.00	45.40
4.393	4.393	0.000	197	0			0.00- 1.00	0.00
4.393	4.393	0.000	199	1633			5.00- 9.00	6.41
4.393	4.393	0.000	275	5869			10.00- 30.00	23.04
4.393	4.393	0.000	365	683			1.00- 0.00	2.68
4.393	4.393	0.000	441	3393			0.01- 100.00	78.45
4.393	4.393	0.000	442	23315			40.00- 110.00	91.52
4.393	4.393	0.000	443	4325			17.00- 23.00	18.55

Data File: z8965.d

Date: 22-MAR-2010 11:14

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-284095 Operator: BNA2



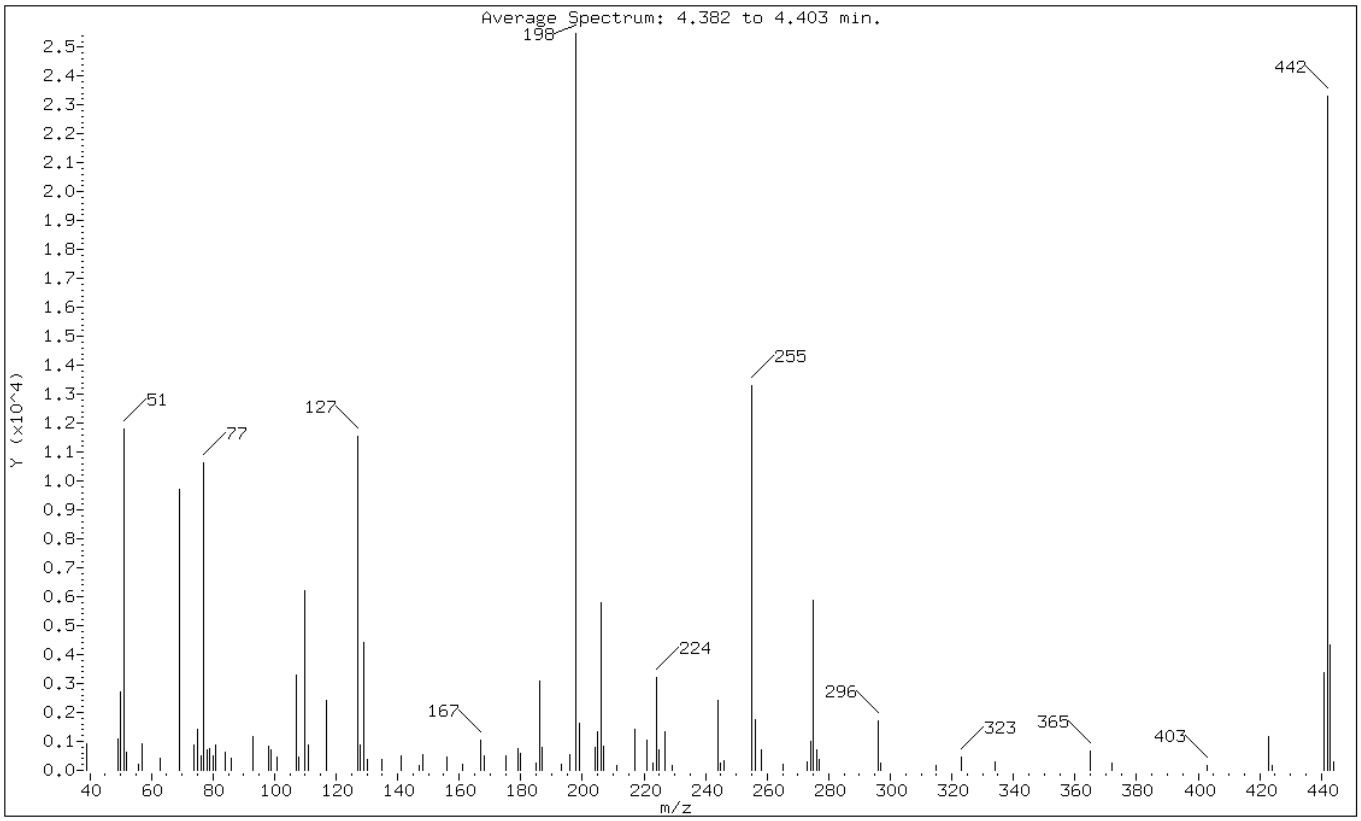
Data File: z8965.d

Date: 22-MAR-2010 11:14

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-284095 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	46.35
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	38.14
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	45.40
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.41
275	10.00 - 30.00% of mass 198	23.04
365	Greater than 1.00% of mass 198	2.68
441	0.01 - 100.00% of mass 443	13.32 (78.45)
442	40.00 - 110.00% of mass 198	91.52
443	17.00 - 23.00% of mass 442	16.98 (18.55)

Data File: z8965.d

Date: 22-MAR-2010 11:14

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-284095

Operator: BNA2

Data File: /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8965.d
Spectrum: Average Spectrum: 4.382 to 4.403 min.
Location of Maximum: 198.00
Number of points: 88

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	934	107.00	3308	193.00	210	273.00	273
49.00	1067	108.00	459	196.00	541	274.00	993
50.00	2694	110.00	6202	198.00	25472	275.00	5869
51.00	11808	111.00	870	199.00	1633	276.00	729
52.00	609	117.00	2404	204.00	777	277.00	357
56.00	226	127.00	11564	205.00	1332	296.00	1721
57.00	917	128.00	867	206.00	5807	297.00	231
63.00	415	129.00	4418	207.00	823	315.00	178
69.00	9715	130.00	387	211.00	168	323.00	466
74.00	893	135.00	360	217.00	1423	334.00	285
75.00	1423	141.00	513	221.00	1045	365.00	683
76.00	484	147.00	178	223.00	265	372.00	246
77.00	10617	148.00	546	224.00	3211	403.00	168
78.00	698	156.00	468	225.00	719	423.00	1160
79.00	746	161.00	196	227.00	1353	424.00	180
80.00	521	167.00	1063	229.00	187	441.00	3393
81.00	866	168.00	497	244.00	2411	442.00	23312
84.00	608	175.00	510	245.00	251	443.00	4325
86.00	417	179.00	762	246.00	324	444.00	300
93.00	1162	180.00	590	255.00	13279		
98.00	839	185.00	270	256.00	1766		
99.00	695	186.00	3068	258.00	703		
101.00	463	187.00	800	265.00	214		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-31280/1-A

Matrix: Water | Lab File ID: z8561.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 20:05

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	5.4
108-95-2	Phenol	10	U	10	0.89
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
95-57-8	2-Chlorophenol	10	U	10	2.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.2
98-86-2	Acetophenone	10	U	10	4.3
91-57-6	2-Methylnaphthalene	10	U	10	3.1
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.7
88-74-4	2-Nitroaniline	20	U	20	5.7
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
78-59-1	Isophorone	10	U	10	3.6
88-75-5	2-Nitrophenol	10	U	10	3.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
100-01-6	4-Nitroaniline	20	U	20	4.0
100-02-7	4-Nitrophenol	30	U	30	2.3
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
1912-24-9	Atrazine	10	U	10	4.8
91-20-3	Naphthalene	10	U	10	3.7
100-52-7	Benzaldehyde	10	U	10	1.3
106-47-8	4-Chloroaniline	10	U	10	2.1
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
105-60-2	Caprolactam	10	U	10	0.50
86-74-8	Carbazole	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-31280/1-A

Matrix: Water | Lab File ID: z8561.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 20:05

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.5
131-11-3	Dimethyl phthalate	10	U	10	3.3
91-58-7	2-Chloronaphthalene	10	U	10	3.8
206-44-0	Fluoranthene	10	U	10	2.6
86-73-7	Fluorene	10	U	10	3.3
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59
208-96-8	Acenaphthylene	10	U	10	4.0
99-09-2	3-Nitroaniline	20	U	20	4.3
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
132-64-9	Dibenzofuran	10	U	10	3.6
84-66-2	Diethyl phthalate	10	U	10	3.8
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.27
87-86-5	Pentachlorophenol	30	U	30	5.1
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-31280/1-A

Matrix: Water Lab File ID: z8561.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 1000(mL) Date Analyzed: 03/07/2010 20:05

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	103	50-119	
321-60-8	2-Fluorobiphenyl	91	61-112	
367-12-4	2-Fluorophenol (Surr)	46	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	96	61-120	
4165-62-2	Phenol-d5 (Surr)	31	9-48	
1718-51-0	Terphenyl-d14 (Surr)	90	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-31280/1-A

Matrix: Water Lab File ID: z8561.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 1000(mL) Date Analyzed: 03/07/2010 20:05

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8561.d
Report Date: 09-Mar-2010 12:53

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8561.d
Lab Smp Id: MB 460-31280/1-A
Inj Date : 07-MAR-2010 20:05
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : MB 460-31280/1-A
Misc Info : MB 460-31280/1-A
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/8270Cdel_08.m
Meth Date : 09-Mar-2010 12:32 croccom Quant Type: ISTD
Cal Date : 07-MAR-2010 15:08 Cal File: z8549.d
Als bottle: 14 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.766	2.766	(0.684)	561882	23.0438	46
$ 17 Phenol-d5 (SUR)	99	3.678	3.701	(0.910)	446835	15.6230	31
* 79 1,4-Dichlorobenzene-d4	152	4.042	4.048	(1.000)	618890	40.0000	
23 1,2-Dichlorobenzene	146	4.213	4.219	(1.042)	6484	0.28056	0.56(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.607	4.613	(0.864)	1376552	47.9853	96
* 80 Naphthalene-d8	136	5.331	5.337	(1.000)	2266251	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.419	6.431	(0.906)	1648634	45.2786	90
* 82 Acenaphthene-d10	164	7.083	7.089	(1.000)	1010144	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.854	7.866	(1.109)	229010	51.4400	100
* 83 Phenanthrene-d10	188	8.536	8.542	(1.000)	1204293	40.0000	
$ 78 Terphenyl-d14	244	10.107	10.113	(0.900)	864319	45.1168	90
* 81 Chrysene-d12	240	11.224	11.236	(1.000)	639484	40.0000	
* 84 Perylene-d12	264	13.054	13.065	(1.000)	419954	40.0000	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8561.d
Report Date: 09-Mar-2010 12:53

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8561.d
Report Date: 09-Mar-2010 12:53

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8561.d
Lab Smp Id: MB 460-31280/1-A
Inj Date : 07-MAR-2010 20:05
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : MB 460-31280/1-A
Misc Info : MB 460-31280/1-A
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/8270Cdel_08.m
Meth Date : 09-Mar-2010 12:32 croccom Quant Type: ISTD
Cal Date : 07-MAR-2010 15:08 Cal File: z8549.d
Als bottle: 14 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

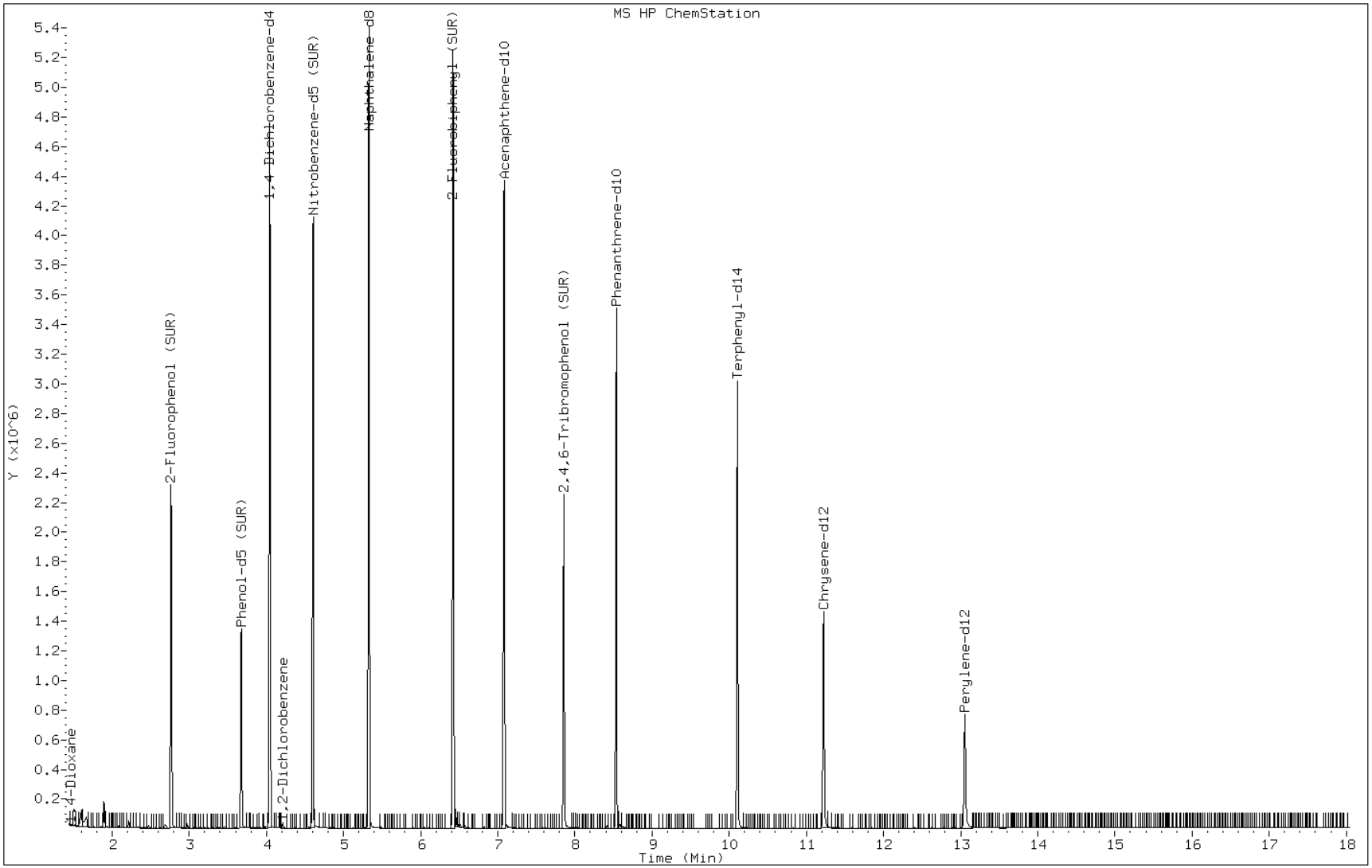
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z8561.d

Date: 07-MAR-2010 20:05

Client ID: Instrument: BNAMS11.i

Sample Info: MB 460-31280/1-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-31376/1-A

Matrix: Water | Lab File ID: z8550.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 15:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	5.4
108-95-2	Phenol	10	U	10	0.89
88-06-2	2,4,6-Trichlorophenol	10	U	10	3.2
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
120-83-2	2,4-Dichlorophenol	10	U	10	2.8
95-57-8	2-Chlorophenol	10	U	10	2.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.2
98-86-2	Acetophenone	10	U	10	4.3
91-57-6	2-Methylnaphthalene	10	U	10	3.1
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.7
88-74-4	2-Nitroaniline	20	U	20	5.7
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.0
78-59-1	Isophorone	10	U	10	3.6
88-75-5	2-Nitrophenol	10	U	10	3.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
105-67-9	2,4-Dimethylphenol	10	U	10	2.5
100-01-6	4-Nitroaniline	20	U	20	4.0
100-02-7	4-Nitrophenol	30	U	30	2.3
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
1912-24-9	Atrazine	10	U	10	4.8
91-20-3	Naphthalene	10	U	10	3.7
100-52-7	Benzaldehyde	10	U	10	1.3
106-47-8	4-Chloroaniline	10	U	10	2.1
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
105-60-2	Caprolactam	10	U	10	0.50
86-74-8	Carbazole	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-31376/1-A

Matrix: Water | Lab File ID: z8550.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 15:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.5
131-11-3	Dimethyl phthalate	10	U	10	3.3
91-58-7	2-Chloronaphthalene	10	U	10	3.8
206-44-0	Fluoranthene	10	U	10	2.6
86-73-7	Fluorene	10	U	10	3.3
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59
208-96-8	Acenaphthylene	10	U	10	4.0
99-09-2	3-Nitroaniline	20	U	20	4.3
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
83-32-9	Acenaphthene	10	U	10	3.8
51-28-5	2,4-Dinitrophenol	30	U	30	4.8
132-64-9	Dibenzofuran	10	U	10	3.6
84-66-2	Diethyl phthalate	10	U	10	3.8
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	5.2
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.27
87-86-5	Pentachlorophenol	30	U	30	5.1
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-31376/1-A

Matrix: Water Lab File ID: z8550.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3510C Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/07/2010 15:38

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	107	50-119	
321-60-8	2-Fluorobiphenyl	87	61-112	
367-12-4	2-Fluorophenol (Surr)	51	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	96	61-120	
4165-62-2	Phenol-d5 (Surr)	36	9-48	
1718-51-0	Terphenyl-d14 (Surr)	84	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-31376/1-A

Matrix: Water | Lab File ID: z8550.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 15:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8550.d
Report Date: 08-Mar-2010 12:50

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8550.d
Lab Smp Id: MB 460-31376/1-A
Inj Date : 07-MAR-2010 15:38
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : MB 460-31376/1-A
Misc Info : MB 460-31376/1-A
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/8270Cdel_08.m
Meth Date : 07-Mar-2010 15:29 asfawa Quant Type: ISTD
Cal Date : 07-MAR-2010 15:08 Cal File: z8549.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	2.766	2.766	(0.684)	681078	25.6142	51
$ 17 Phenol-d5 (SUR)	99	3.678	3.701	(0.910)	557439	17.8727	36
* 79 1,4-Dichlorobenzene-d4	152	4.043	4.048	(1.000)	674898	40.0000	
23 1,2-Dichlorobenzene	146	4.213	4.219	(1.042)	5723	0.22708	0.45(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.607	4.613	(0.864)	1498997	47.8426	96
* 80 Naphthalene-d8	136	5.331	5.337	(1.000)	2475194	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.425	6.431	(0.907)	1752168	43.5272	87
* 82 Acenaphthene-d10	164	7.084	7.089	(1.000)	1116778	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	7.860	7.866	(1.110)	262407	53.3136	110
* 83 Phenanthrene-d10	188	8.542	8.542	(1.000)	1405293	40.0000	
$ 78 Terphenyl-d14	244	10.113	10.113	(0.900)	971619	41.9085	84
* 81 Chrysene-d12	240	11.230	11.236	(1.000)	773904	40.0000	
* 84 Perylene-d12	264	13.060	13.065	(1.000)	496699	40.0000	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8550.d
Report Date: 08-Mar-2010 12:50

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8550.d
Report Date: 08-Mar-2010 12:50

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8550.d
Lab Smp Id: MB 460-31376/1-A
Inj Date : 07-MAR-2010 15:38
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : MB 460-31376/1-A
Misc Info : MB 460-31376/1-A
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/8270Cdel_08.m
Meth Date : 07-Mar-2010 15:29 asfawa Quant Type: ISTD
Cal Date : 07-MAR-2010 15:08 Cal File: z8549.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

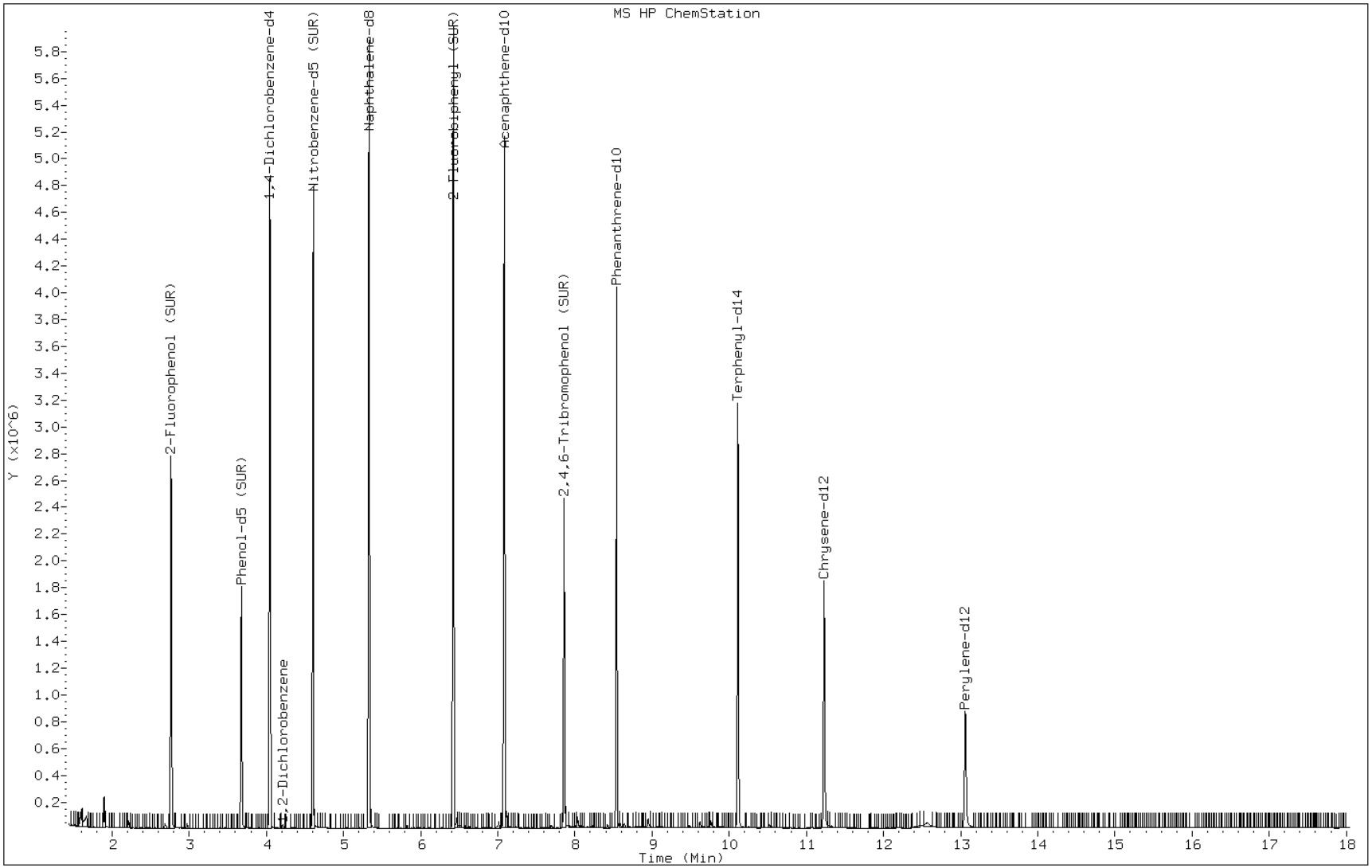
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z8550.d

Date: 07-MAR-2010 15:38

Client ID: Instrument: BNAMS11.i

Sample Info: MB 460-31376/1-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-31280/2-A

Matrix: Water | Lab File ID: z8512.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 1000(mL) | Date Analyzed: 03/06/2010 00:05

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	91.2		10	5.4
108-95-2	Phenol	35.4		10	0.89
88-06-2	2,4,6-Trichlorophenol	89.3		10	3.2
111-44-4	Bis(2-chloroethyl)ether	88.0		1.0	0.41
120-83-2	2,4-Dichlorophenol	87.6		10	2.8
95-57-8	2-Chlorophenol	75.2		10	2.6
121-14-2	2,4-Dinitrotoluene	96.8		2.0	0.43
108-60-1	2,2'-oxybis[1-chloropropane]	91.0		10	3.2
98-86-2	Acetophenone	100		10	4.3
91-57-6	2-Methylnaphthalene	88.5		10	3.1
106-44-5	4-Methylphenol	64.6		10	1.6
95-48-7	2-Methylphenol	66.0		10	1.7
88-74-4	2-Nitroaniline	89.9		20	5.7
67-72-1	Hexachloroethane	78.0		1.0	0.50
98-95-3	Nitrobenzene	84.7		1.0	0.41
59-50-7	4-Chloro-3-methylphenol	84.9		10	2.0
78-59-1	Isophorone	92.0		10	3.6
88-75-5	2-Nitrophenol	82.6		10	3.4
7005-72-3	4-Chlorophenyl phenyl ether	90.9		10	3.9
105-67-9	2,4-Dimethylphenol	77.3		10	2.5
100-01-6	4-Nitroaniline	90.7		20	4.0
100-02-7	4-Nitrophenol	24.4	J	30	2.3
111-91-1	Bis(2-chloroethoxy)methane	90.4		10	3.5
1912-24-9	Atrazine	93.6		10	4.8
91-20-3	Naphthalene	84.1		10	3.7
106-47-8	4-Chloroaniline	90.0		10	2.1
50-32-8	Benzo[a]pyrene	85.4		1.0	0.18
87-68-3	Hexachlorobutadiene	76.1		2.0	0.94
207-08-9	Benzo[k]fluoranthene	98.6		1.0	0.30
105-60-2	Caprolactam	19.0		10	0.50
86-74-8	Carbazole	92.0		10	3.1
77-47-4	Hexachlorocyclopentadiene	66.0		10	4.6
53-70-3	Dibenz(a,h)anthracene	89.2		1.0	0.16
95-95-4	2,4,5-Trichlorophenol	89.2		10	2.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-31280/2-A

Matrix: Water | Lab File ID: z8512.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 1000(mL) | Date Analyzed: 03/06/2010 00:05

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	101		10	3.3
91-58-7	2-Chloronaphthalene	84.0		10	3.8
206-44-0	Fluoranthene	89.7		10	2.6
86-73-7	Fluorene	91.7		10	3.3
606-20-2	2,6-Dinitrotoluene	91.7		2.0	0.59
208-96-8	Acenaphthylene	88.1		10	4.0
99-09-2	3-Nitroaniline	90.5		20	4.3
621-64-7	N-Nitrosodi-n-propylamine	100		1.0	0.32
83-32-9	Acenaphthene	97.1		10	3.8
51-28-5	2,4-Dinitrophenol	70.0		30	4.8
132-64-9	Dibenzofuran	90.0		10	3.6
84-66-2	Diethyl phthalate	92.0		10	3.8
534-52-1	4,6-Dinitro-2-methylphenol	86.9		30	5.2
86-30-6	N-Nitrosodiphenylamine	99.8		10	3.9
101-55-3	4-Bromophenyl phenyl ether	87.3		10	3.9
118-74-1	Hexachlorobenzene	87.7		1.0	0.27
87-86-5	Pentachlorophenol	83.8		30	5.1
85-01-8	Phenanthrene	90.7		10	3.6
120-12-7	Anthracene	89.5		10	3.6
84-74-2	Di-n-butyl phthalate	87.8		10	2.8
129-00-0	Pyrene	88.9		10	4.3
85-68-7	Butyl benzyl phthalate	88.4		10	2.8
91-94-1	3,3'-Dichlorobenzidine	100		20	7.0
56-55-3	Benzo[a]anthracene	90.3		1.0	0.27
218-01-9	Chrysene	95.1		10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	91.3		10	2.4
117-84-0	Di-n-octyl phthalate	90.3		10	1.9
205-99-2	Benzo[b]fluoranthene	88.4		1.0	0.21
193-39-5	Indeno[1,2,3-cd]pyrene	90.8		1.0	0.12
191-24-2	Benzo[g,h,i]perylene	94.5		10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-31280/2-A

Matrix: Water Lab File ID: z8512.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 1000(mL) Date Analyzed: 03/06/2010 00:05

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	94	50-119	
321-60-8	2-Fluorobiphenyl	84	61-112	
367-12-4	2-Fluorophenol (Surr)	45	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	87	61-120	
4165-62-2	Phenol-d5 (Surr)	29	9-48	
1718-51-0	Terphenyl-d14 (Surr)	87	41-124	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8512.d
Report Date: 09-Mar-2010 16:08

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8512.d
Lab Smp Id: LCS 460-31280/2-A
Inj Date : 06-MAR-2010 00:05
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : LCS 460-31280/2-A
Misc Info :
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 10 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
106	1,4-Dioxane	88	1.478	1.490	(0.363)	252346	22.2172	44
19	N-Nitrosodimethylamine	74	1.684	1.696	(0.414)	357545	22.2562	44
71	Pyridine	79	1.713	1.725	(0.421)	527329	19.8808	40
$ 16	2-Fluorophenol (SUR)	112	2.784	2.790	(0.685)	516943	22.4402	45
110	Benzaldehyde	77	3.619	3.619	(0.890)	727902	144.065	290(AR)
$ 17	Phenol-d5 (SUR)	99	3.701	3.707	(0.910)	383763	14.5641	29
1	Phenol	94	3.719	3.725	(0.915)	473232	17.7140	35
73	Aniline	93	3.737	3.737	(0.919)	1213454	36.1144	72
20	bis(2-Chloroethyl)ether	93	3.801	3.807	(0.935)	1030044	43.9790	88
113	n-decane	43	3.801	3.919	(0.935)	37671	1.21209	2.4(a)
2	2-Chlorophenol	128	3.854	3.860	(0.948)	867674	37.6073	75
21	1,3-Dichlorobenzene	146	4.013	4.013	(0.987)	967562	40.0370	80
* 79	1,4-Dichlorobenzene-d4	152	4.066	4.066	(1.000)	578393	40.0000	
22	1,4-Dichlorobenzene	146	4.084	4.084	(1.004)	933730	39.7868	80
74	Benzyl Alcohol	108	4.213	4.213	(1.036)	487654	32.7751	66

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8512.d
Report Date: 09-Mar-2010 16:08

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	23 1,2-Dichlorobenzene	146	4.237	4.237	(1.042)	906570	41.0613	82
	3 2-Methylphenol	108	4.337	4.337	(1.067)	616646	32.9997	66
	24 bis (2-chloroisopropyl) ether	45	4.354	4.354	(1.071)	1856615	45.4994	91
	4 4-Methylphenol	108	4.495	4.496	(1.106)	457218	32.2851	64
	121 3 & 4 Methylphenol	108	4.495	4.496	(1.106)	457218	32.2851	64
	104 Acetophenone	105	4.484	4.484	(1.103)	1193642	50.0500	100
	25 N-Nitroso-di-n-propylamine	70	4.495	4.490	(1.106)	641378	50.0163	100
	26 Hexachloroethane	117	4.584	4.584	(1.127)	413481	38.9755	78
$	76 Nitrobenzene-d5 (SUR)	82	4.631	4.631	(0.864)	1144100	43.6805	87
	107 N,N-Dimethylaniline	120	4.660	4.660	(1.146)	1138736	41.5915	83
	27 Nitrobenzene	77	4.654	4.654	(0.868)	1266793	42.3268	85
	28 Isophorone	82	4.901	4.895	(0.914)	1826587	45.9876	92
	6 2,4-Dimethylphenol	122	5.037	5.031	(0.940)	657202	38.6392	77
	5 2-Nitrophenol	139	4.978	4.972	(0.929)	454541	41.2844	82
	29 bis(2-Chloroethoxy)methane	93	5.125	5.125	(0.956)	1089556	45.1923	90
	7 2,4-Dichlorophenol	162	5.225	5.219	(0.975)	615052	43.8136	88
	30 1,2,4-Trichlorobenzene	180	5.307	5.307	(0.990)	676078	39.3796	79
*	80 Naphthalene-d8	136	5.360	5.360	(1.000)	2110092	40.0000	
	31 Naphthalene	128	5.384	5.378	(1.004)	2291595	42.0265	84
	32 4-Chloroaniline	127	5.442	5.437	(1.015)	940304	44.9982	90
	33 Hexachlorobutadiene	225	5.519	5.519	(1.030)	399189	38.0291	76
	111 Caprolactam	113	5.795	5.801	(1.081)	40683	9.48247	19
	8 4-Chloro-3-methylphenol	107	5.942	5.942	(1.109)	608430	42.4672	85
	34 2-Methylnaphthalene	142	6.078	6.078	(1.134)	1337735	44.2535	88
	35 Hexachlorocyclopentadiene	237	6.248	6.248	(0.878)	376733	32.9904	66
	9 2,4,6-Trichlorophenol	196	6.372	6.366	(0.895)	389649	44.6543	89
	10 2,4,5-Trichlorophenol	196	6.401	6.401	(0.899)	405387	44.5869	89
$	77 2-Fluorobiphenyl (SUR)	172	6.454	6.448	(0.907)	1410509	42.0014	84
	102 Diphenyl	154	6.548	6.548	(0.920)	1593379	45.6083	91
	36 2-Chloronaphthalene	162	6.566	6.560	(0.922)	1139222	41.9783	84
	103 Diphenyl Ether	170	6.654	6.654	(0.935)	801356	42.8406	86
	37 2-Nitroaniline	65	6.672	6.666	(0.937)	546083	44.9326	90
	38 Dimethylphthalate	163	6.866	6.860	(0.964)	1230124	50.3243	100
	40 2,6-Dinitrotoluene	165	6.919	6.913	(0.972)	278608	45.8300	92
	39 Acenaphthylene	152	6.972	6.972	(0.979)	1766905	44.0588	88
	41 3-Nitroaniline	138	7.078	7.078	(0.994)	294979	45.2647	90
*	82 Acenaphthene-d10	164	7.119	7.113	(1.000)	903439	40.0000	
	42 Acenaphthene	154	7.148	7.142	(1.004)	1101051	48.5590	97
	11 2,4-Dinitrophenol	184	7.178	7.178	(1.008)	109884	34.9864	70
	12 4-Nitrophenol	65	7.254	7.254	(1.019)	62183	12.2128	24(a)
	43 Dibenzofuran	168	7.319	7.319	(1.028)	1428090	44.9976	90
	44 2,4-Dinitrotoluene	165	7.307	7.307	(1.026)	298879	48.4119	97
	45 Diethylphthalate	149	7.566	7.560	(1.063)	1053234	45.9790	92
	46 4-Chlorophenyl-phenylether	204	7.666	7.660	(1.077)	521412	45.4323	91
	47 Fluorene	166	7.654	7.654	(1.075)	1062314	45.8533	92
	48 4-Nitroaniline	138	7.683	7.678	(1.079)	253372	45.3287	91
	13 4,6-Dinitro-2-methylphenol	198	7.713	7.707	(0.899)	165631	43.4518	87

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8512.d
Report Date: 09-Mar-2010 16:08

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	49 N-Nitrosodiphenylamine	169	7.783	7.778	(0.907)	772818	49.8760	100
	75 1,2-Diphenylhydrazine	77	7.819	7.813	(0.912)	1593540	45.0992	90
$	18 2,4,6-Tribromophenol (SUR)	330	7.895	7.889	(1.109)	185955	46.8871	94
	50 4-Bromophenyl-phenylether	248	8.142	8.136	(0.949)	305722	43.6382	87
	112 Atrazine	200	8.319	8.313	(0.970)	233607	46.7774	94
	51 Hexachlorobenzene	284	8.207	8.201	(0.957)	347784	43.8395	88
	14 Pentachlorophenol	266	8.395	8.395	(0.979)	173201	41.9031	84
*	83 Phenanthrene-d10	188	8.577	8.572	(1.000)	1028040	40.0000	
	52 Phenanthrene	178	8.601	8.595	(1.003)	1332340	45.3251	91
	53 Anthracene	178	8.648	8.642	(1.008)	1336508	44.7722	90
	54 Carbazole	167	8.807	8.807	(1.027)	1052482	45.9777	92
	55 Di-n-butylphthalate	149	9.172	9.166	(1.069)	1293163	43.8985	88
	56 Fluoranthene	202	9.766	9.760	(1.139)	1099281	44.8375	90
	58 Benzidine	184	9.901	9.895	(1.154)	82047	42.5678	85(R)
	57 Pyrene	202	9.989	9.983	(0.884)	1057158	44.4301	89
$	78 Terphenyl-d14	244	10.154	10.148	(0.899)	735486	43.5899	87
	59 Butylbenzylphthalate	149	10.671	10.666	(0.945)	389366	44.1958	88
	63 bis(2-Ethylhexyl)phthalate	149	11.354	11.342	(1.005)	505773	45.6519	91
	60 3,3'-Dichlorobenzidine	252	11.260	11.248	(0.997)	208448	50.0269	100(R)
	61 Benzo(a)anthracene	228	11.277	11.272	(0.998)	687696	45.1361	90
*	81 Chrysene-d12	240	11.295	11.283	(1.000)	547806	40.0000	
	62 Chrysene	228	11.324	11.313	(1.003)	707725	47.5277	95
	64 Di-n-octylphthalate	149	12.183	12.171	(0.927)	670892	45.1556	90
	65 Benzo(b)fluoranthene	252	12.636	12.624	(0.962)	499743	44.2249	88
	66 Benzo(k)fluoranthene	252	12.671	12.660	(0.964)	590912	49.3161	99
	67 Benzo(a)pyrene	252	13.065	13.048	(0.994)	410765	42.7110	85
*	84 Perylene-d12	264	13.142	13.130	(1.000)	372802	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.571	14.560	(1.109)	326993	45.4067	91
	69 Dibenz(a,h)anthracene	278	14.612	14.595	(1.112)	364026	44.6156	89
	70 Benzo(g,h,i)perylene	276	14.954	14.942	(1.138)	383148	47.2370	94

QC Flag Legend

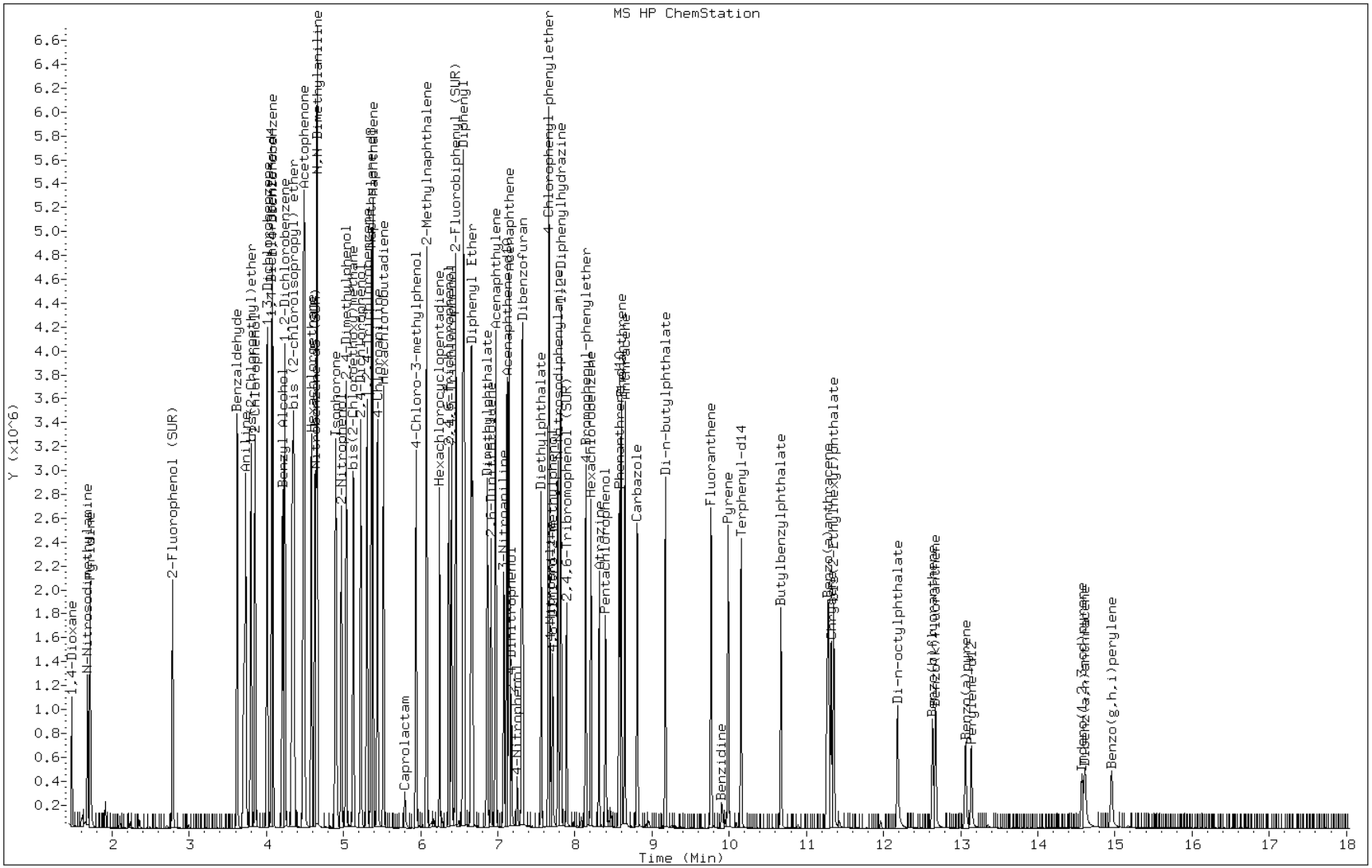
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: z8512.d

Date: 06-MAR-2010 00:05

Client ID: Instrument: BNAMS11.i

Sample Info: LCS 460-31280/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-31280/2-A

Matrix: Water | Lab File ID: z8983.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 1000(mL) | Date Analyzed: 03/22/2010 18:40

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 32805 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	66.7		10	1.3

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	91	61-112	
4165-60-0	Nitrobenzene-d5 (Surr)	89	61-120	
1718-51-0	Terphenyl-d14 (Surr)	100	41-124	

Data File: /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8983.d
Report Date: 23-Mar-2010 13:35

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8983.d
Lab Smp Id: LCS 460-31280/2-A
Inj Date : 22-MAR-2010 18:40
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : LCS 460-31280/2-A
Misc Info : LCS 460-31280/2-A
Comment :
Method : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/8270del_Benz.m
Meth Date : 23-Mar-2010 13:34 rusin Quant Type: ISTD
Cal Date : 22-MAR-2010 14:34 Cal File: z8973.d
Als bottle: 19 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
110 Benzaldehyde	77	3.090	3.090	(0.872)	492621	33.3629	67(R)
* 79 1,4-Dichlorobenzene-d4	152	3.542	3.543	(1.000)	438350	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.119	4.113	(0.850)	819875	44.3897	89
* 80 Naphthalene-d8	136	4.848	4.843	(1.000)	1586328	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.948	5.948	(0.902)	1108692	45.7054	91
* 82 Acenaphthene-d10	164	6.595	6.595	(1.000)	724300	40.0000	
* 83 Phenanthrene-d10	188	8.042	8.042	(1.000)	878935	40.0000	
$ 78 Terphenyl-d14	244	9.618	9.619	(0.903)	667974	50.1109	100
* 81 Chrysene-d12	240	10.648	10.642	(1.000)	520185	40.0000	
* 84 Perylene-d12	264	12.330	12.324	(1.000)	366760	40.0000	

QC Flag Legend

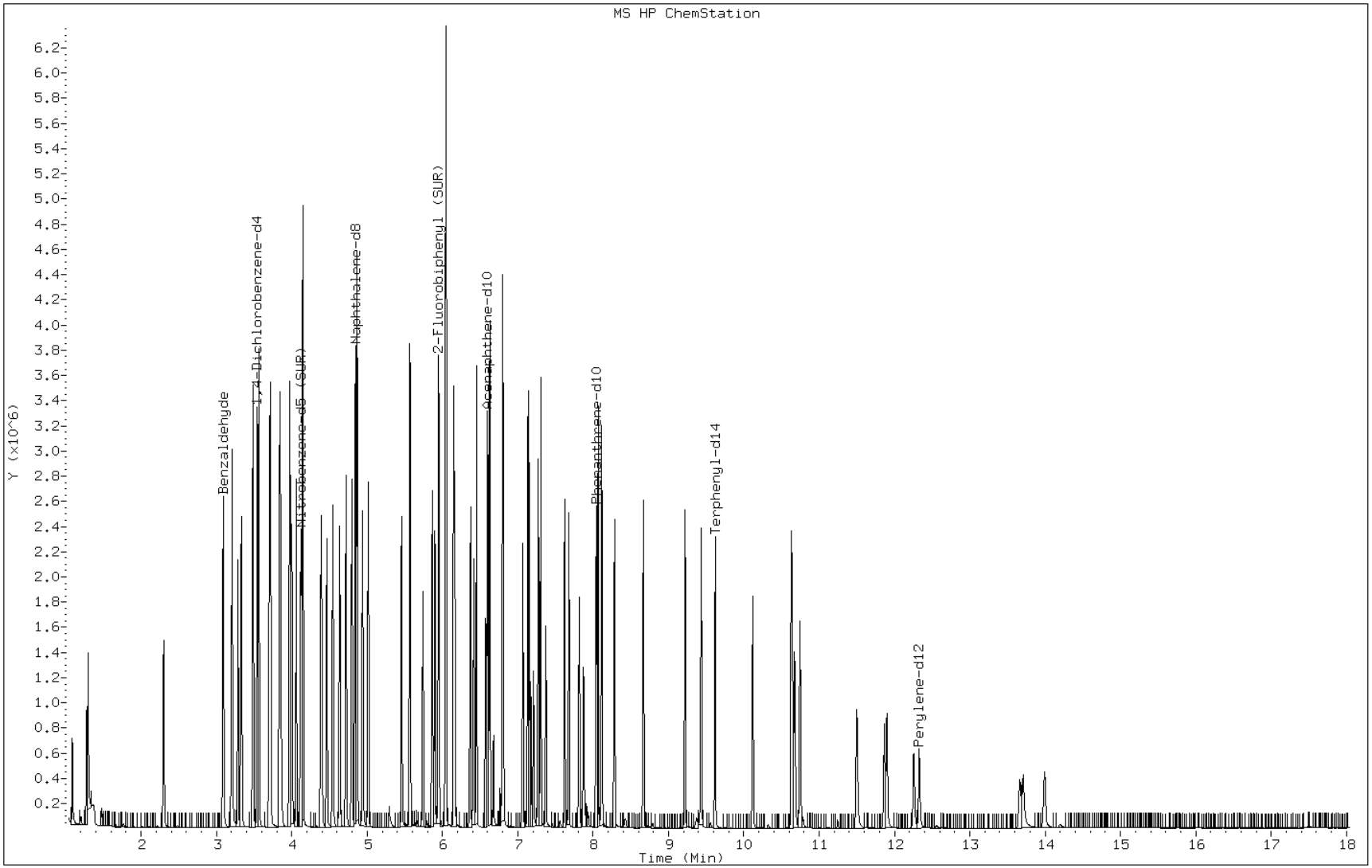
R - Spike/Surrogate failed recovery limits.

Data File: z8983.d

Date: 22-MAR-2010 18:40

Client ID: Instrument: BNAMS11.i

Sample Info: LCS 460-31280/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-31376/2-A

Matrix: Water | Lab File ID: z8551.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 16:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	106		10	5.4
108-95-2	Phenol	43.2		10	0.89
88-06-2	2,4,6-Trichlorophenol	101		10	3.2
111-44-4	Bis(2-chloroethyl)ether	100		1.0	0.41
120-83-2	2,4-Dichlorophenol	100		10	2.8
95-57-8	2-Chlorophenol	89.3		10	2.6
121-14-2	2,4-Dinitrotoluene	109		2.0	0.43
108-60-1	2,2'-oxybis[1-chloropropane]	106		10	3.2
98-86-2	Acetophenone	112		10	4.3
91-57-6	2-Methylnaphthalene	101		10	3.1
106-44-5	4-Methylphenol	74.3		10	1.6
95-48-7	2-Methylphenol	76.1		10	1.7
88-74-4	2-Nitroaniline	105		20	5.7
67-72-1	Hexachloroethane	97.2		1.0	0.50
98-95-3	Nitrobenzene	97.6		1.0	0.41
59-50-7	4-Chloro-3-methylphenol	89.8		10	2.0
78-59-1	Isophorone	100		10	3.6
88-75-5	2-Nitrophenol	97.1		10	3.4
7005-72-3	4-Chlorophenyl phenyl ether	102		10	3.9
105-67-9	2,4-Dimethylphenol	90.8		10	2.5
100-01-6	4-Nitroaniline	107		20	4.0
100-02-7	4-Nitrophenol	32.9		30	2.3
111-91-1	Bis(2-chloroethoxy)methane	98.7		10	3.5
1912-24-9	Atrazine	107		10	4.8
91-20-3	Naphthalene	98.0		10	3.7
106-47-8	4-Chloroaniline	84.4		10	2.1
50-32-8	Benzo[a]pyrene	92.9		1.0	0.18
87-68-3	Hexachlorobutadiene	96.1		2.0	0.94
207-08-9	Benzo[k]fluoranthene	104		1.0	0.30
105-60-2	Caprolactam	21.0		10	0.50
86-74-8	Carbazole	101		10	3.1
77-47-4	Hexachlorocyclopentadiene	95.9		10	4.6
53-70-3	Dibenz(a,h)anthracene	102		1.0	0.16
95-95-4	2,4,5-Trichlorophenol	110		10	2.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-31376/2-A

Matrix: Water | Lab File ID: z8551.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 16:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	110		10	3.3
91-58-7	2-Chloronaphthalene	98.8		10	3.8
206-44-0	Fluoranthene	94.4		10	2.6
86-73-7	Fluorene	104		10	3.3
606-20-2	2,6-Dinitrotoluene	106		2.0	0.59
208-96-8	Acenaphthylene	104		10	4.0
99-09-2	3-Nitroaniline	95.6		20	4.3
621-64-7	N-Nitrosodi-n-propylamine	109		1.0	0.32
83-32-9	Acenaphthene	112		10	3.8
51-28-5	2,4-Dinitrophenol	92.2		30	4.8
132-64-9	Dibenzofuran	104		10	3.6
84-66-2	Diethyl phthalate	105		10	3.8
534-52-1	4,6-Dinitro-2-methylphenol	101		30	5.2
86-30-6	N-Nitrosodiphenylamine	107		10	3.9
101-55-3	4-Bromophenyl phenyl ether	95.7		10	3.9
118-74-1	Hexachlorobenzene	95.4		1.0	0.27
87-86-5	Pentachlorophenol	92.2		30	5.1
85-01-8	Phenanthrene	96.5		10	3.6
120-12-7	Anthracene	96.3		10	3.6
84-74-2	Di-n-butyl phthalate	96.2		10	2.8
129-00-0	Pyrene	96.5		10	4.3
85-68-7	Butyl benzyl phthalate	96.6		10	2.8
91-94-1	3,3'-Dichlorobenzidine	116		20	7.0
56-55-3	Benzo[a]anthracene	96.5		1.0	0.27
218-01-9	Chrysene	99.2		10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	93.6		10	2.4
117-84-0	Di-n-octyl phthalate	95.1		10	1.9
205-99-2	Benzo[b]fluoranthene	94.4		1.0	0.21
193-39-5	Indeno[1,2,3-cd]pyrene	95.2		1.0	0.12
191-24-2	Benzo[g,h,i]perylene	103		10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-31376/2-A

Matrix: Water Lab File ID: z8551.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3510C Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/07/2010 16:02

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	106	50-119	
321-60-8	2-Fluorobiphenyl	94	61-112	
367-12-4	2-Fluorophenol (Surr)	54	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	98	61-120	
4165-62-2	Phenol-d5 (Surr)	35	9-48	
1718-51-0	Terphenyl-d14 (Surr)	90	41-124	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8551.d
Report Date: 11-Mar-2010 14:06

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8551.d
Lab Smp Id: LCS 460-31376/2-A
Inj Date : 07-MAR-2010 16:02
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : LCS 460-31376/2-A
Misc Info : LCS 460-31376/2-A
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/8270Cdel_08.m
Meth Date : 09-Mar-2010 12:32 croccom Quant Type: ISTD
Cal Date : 07-MAR-2010 15:08 Cal File: z8549.d
Als bottle: 4 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	19 N-Nitrosodimethylamine	74	1.672	1.660	(0.413)	423365	25.6087	51
	71 Pyridine	79	1.702	1.684	(0.420)	481017	17.6964	35
$	16 2-Fluorophenol (SUR)	112	2.772	2.766	(0.685)	632220	27.1105	54
	110 Benzaldehyde	77	3.601	3.601	(0.890)	867874	161.878	320(AR)
$	17 Phenol-d5 (SUR)	99	3.684	3.701	(0.910)	481944	17.6187	35
	1 Phenol	94	3.701	3.713	(0.914)	590871	21.5831	43
	73 Aniline	93	3.713	3.719	(0.917)	1187155	34.6207	69
	20 bis(2-Chloroethyl)ether	93	3.784	3.790	(0.935)	1221781	50.1149	100
	2 2-Chlorophenol	128	3.837	3.842	(0.948)	1040137	44.6698	89
	21 1,3-Dichlorobenzene	146	3.990	3.995	(0.985)	1178129	48.3084	97
*	79 1,4-Dichlorobenzene-d4	152	4.048	4.048	(1.000)	591905	40.0000	
	22 1,4-Dichlorobenzene	146	4.066	4.066	(1.004)	1143503	48.7229	97
	74 Benzyl Alcohol	108	4.195	4.195	(1.036)	567540	36.9053	74
	23 1,2-Dichlorobenzene	146	4.219	4.219	(1.042)	1102665	49.8872	100
	3 2-Methylphenol	108	4.313	4.319	(1.065)	728258	38.0629	76

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8551.d
Report Date: 11-Mar-2010 14:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	24 bis (2-chloroisopropyl) ether	45	4.337	4.337	(1.071)	2218170	53.2098	110
	4 4-Methylphenol	108	4.478	4.484	(1.106)	548085	37.1318	74
	121 3 & 4 Methylphenol	108	4.478	4.484	(1.106)	548085	37.1318	74
	104 Acetophenone	105	4.460	4.466	(1.102)	1383104	55.9719	110
	25 N-Nitroso-di-n-propylamine	70	4.472	4.478	(1.105)	722398	54.7279	110
	26 Hexachloroethane	117	4.560	4.560	(1.126)	516021	48.6094	97
$	76 Nitrobenzene-d5 (SUR)	82	4.613	4.613	(0.864)	1278357	48.8600	98
	107 N,N-Dimethylaniline	120	4.637	4.642	(1.145)	1165041	41.7712	84
	27 Nitrobenzene	77	4.631	4.637	(0.868)	1430096	48.7966	98
	28 Isophorone	82	4.878	4.878	(0.914)	2026202	50.2402	100
	6 2,4-Dimethylphenol	122	5.013	5.013	(0.939)	771094	45.4219	91
	5 2-Nitrophenol	139	4.954	4.954	(0.928)	521524	48.5697	97
	29 bis(2-Chloroethoxy)methane	93	5.107	5.107	(0.957)	1210179	49.3454	99
	7 2,4-Dichlorophenol	162	5.201	5.201	(0.975)	701189	50.1909	100
	30 1,2,4-Trichlorobenzene	180	5.284	5.284	(0.990)	813435	48.1513	96
*	80 Naphthalene-d8	136	5.337	5.337	(1.000)	2066912	40.0000	
	31 Naphthalene	128	5.354	5.360	(1.003)	2638199	49.0115	98
	32 4-Chloroaniline	127	5.413	5.419	(1.014)	905303	42.1990	84
	33 Hexachlorobutadiene	225	5.495	5.495	(1.030)	493957	48.0326	96
	111 Caprolactam	113	5.772	5.795	(1.082)	48961	10.4871	21
	8 4-Chloro-3-methylphenol	107	5.919	5.925	(1.109)	676407	44.8917	90
	34 2-Methylnaphthalene	142	6.054	6.054	(1.134)	1536114	50.5686	100
	35 Hexachlorocyclopentadiene	237	6.219	6.225	(0.878)	485041	47.9406	96
	9 2,4,6-Trichlorophenol	196	6.342	6.342	(0.895)	422278	50.7199	100
	10 2,4,5-Trichlorophenol	196	6.378	6.383	(0.900)	460297	54.9621	110
$	77 2-Fluorobiphenyl (SUR)	172	6.425	6.431	(0.907)	1488129	47.2218	94
	102 Diphenyl	154	6.525	6.525	(0.921)	1709420	52.8608	100
	36 2-Chloronaphthalene	162	6.537	6.536	(0.923)	1256243	49.3811	99
	103 Diphenyl Ether	170	6.625	6.631	(0.935)	896309	49.5274	99
	37 2-Nitroaniline	65	6.642	6.648	(0.938)	607103	52.5203	100
	38 Dimethylphthalate	163	6.836	6.836	(0.965)	1332529	55.1316	110(R)
	40 2,6-Dinitrotoluene	165	6.889	6.889	(0.973)	311252	52.8977	100
	39 Acenaphthylene	152	6.942	6.948	(0.980)	1952679	52.1335	100
	41 3-Nitroaniline	138	7.048	7.054	(0.995)	309023	47.8068	96
*	82 Acenaphthene-d10	164	7.084	7.089	(1.000)	874278	40.0000	
	42 Acenaphthene	154	7.119	7.119	(1.005)	1192529	56.1786	110
	11 2,4-Dinitrophenol	184	7.148	7.154	(1.009)	132553	46.0942	92
	12 4-Nitrophenol	65	7.225	7.231	(1.020)	83114	16.4702	33
	43 Dibenzofuran	168	7.289	7.289	(1.029)	1537760	52.0598	100
	44 2,4-Dinitrotoluene	165	7.278	7.283	(1.027)	330716	54.4694	110
	45 Diethylphthalate	149	7.531	7.536	(1.063)	1179525	52.5634	100
	46 4-Chlorophenyl-phenylether	204	7.631	7.636	(1.077)	558322	51.1460	100
	47 Fluorene	166	7.625	7.625	(1.076)	1142491	51.7541	100
	48 4-Nitroaniline	138	7.654	7.654	(1.081)	283232	53.5738	110(R)
	13 4,6-Dinitro-2-methylphenol	198	7.684	7.683	(0.899)	195668	50.2618	100
	49 N-Nitrosodiphenylamine	169	7.748	7.754	(0.907)	843189	53.2886	110
	75 1,2-Diphenylhydrazine	77	7.789	7.789	(0.912)	1762437	48.8111	98

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8551.d
Report Date: 11-Mar-2010 14:06

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/L)
$	18 2,4,6-Tribromophenol (SUR)	330	7.866	7.866	(1.110)	204083	52.9648	100
	50 4-Bromophenyl-phenylether	248	8.107	8.113	(0.949)	337631	47.8557	96
	112 Atrazine	200	8.283	8.283	(0.970)	279833	53.7033	110
	51 Hexachlorobenzene	284	8.172	8.178	(0.957)	377425	47.6943	95
	14 Pentachlorophenol	266	8.366	8.366	(0.979)	196454	46.0993	92
*	83 Phenanthrene-d10	188	8.542	8.542	(1.000)	1079707	40.0000	
	52 Phenanthrene	178	8.566	8.566	(1.003)	1494018	48.2475	96
	53 Anthracene	178	8.613	8.619	(1.008)	1508607	48.1601	96
	54 Carbazole	167	8.778	8.777	(1.028)	1234811	50.4794	100
	55 Di-n-butylphthalate	149	9.136	9.136	(1.070)	1462499	48.0939	96
	56 Fluoranthene	202	9.730	9.730	(1.139)	1254783	47.2228	94
	58 Benzidine	184	9.866	9.866	(1.155)	50431	24.3716	49(R)
	57 Pyrene	202	9.948	9.948	(0.886)	1222781	48.2726	96
$	78 Terphenyl-d14	244	10.113	10.113	(0.900)	819588	45.0958	90
	59 Butylbenzylphthalate	149	10.619	10.624	(0.946)	463403	48.2876	96
	63 bis(2-Ethylhexyl)phthalate	149	11.289	11.289	(1.005)	572957	46.8120	94
	60 3,3'-Dichlorobenzidine	252	11.201	11.201	(0.997)	244878	57.8303	120(R)
	61 Benzo(a)anthracene	228	11.219	11.218	(0.999)	813040	48.2501	96
*	81 Chrysene-d12	240	11.230	11.236	(1.000)	606670	40.0000	
	62 Chrysene	228	11.260	11.266	(1.003)	809701	49.5861	99
	64 Di-n-octylphthalate	149	12.107	12.113	(0.927)	794114	47.5595	95
	65 Benzo(b)fluoranthene	252	12.560	12.565	(0.962)	590728	47.1905	94
	66 Benzo(k)fluoranthene	252	12.601	12.601	(0.965)	700024	52.1841	100
	67 Benzo(a)pyrene	252	12.983	12.989	(0.994)	494809	46.4267	93
*	84 Perylene-d12	264	13.060	13.065	(1.000)	416336	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.477	14.483	(1.109)	385464	47.5815	95
	69 Dibenz(a,h)anthracene	278	14.518	14.518	(1.112)	454750	51.1853	100
	70 Benzo(g,h,i)perylene	276	14.854	14.854	(1.137)	471465	51.6643	100

QC Flag Legend

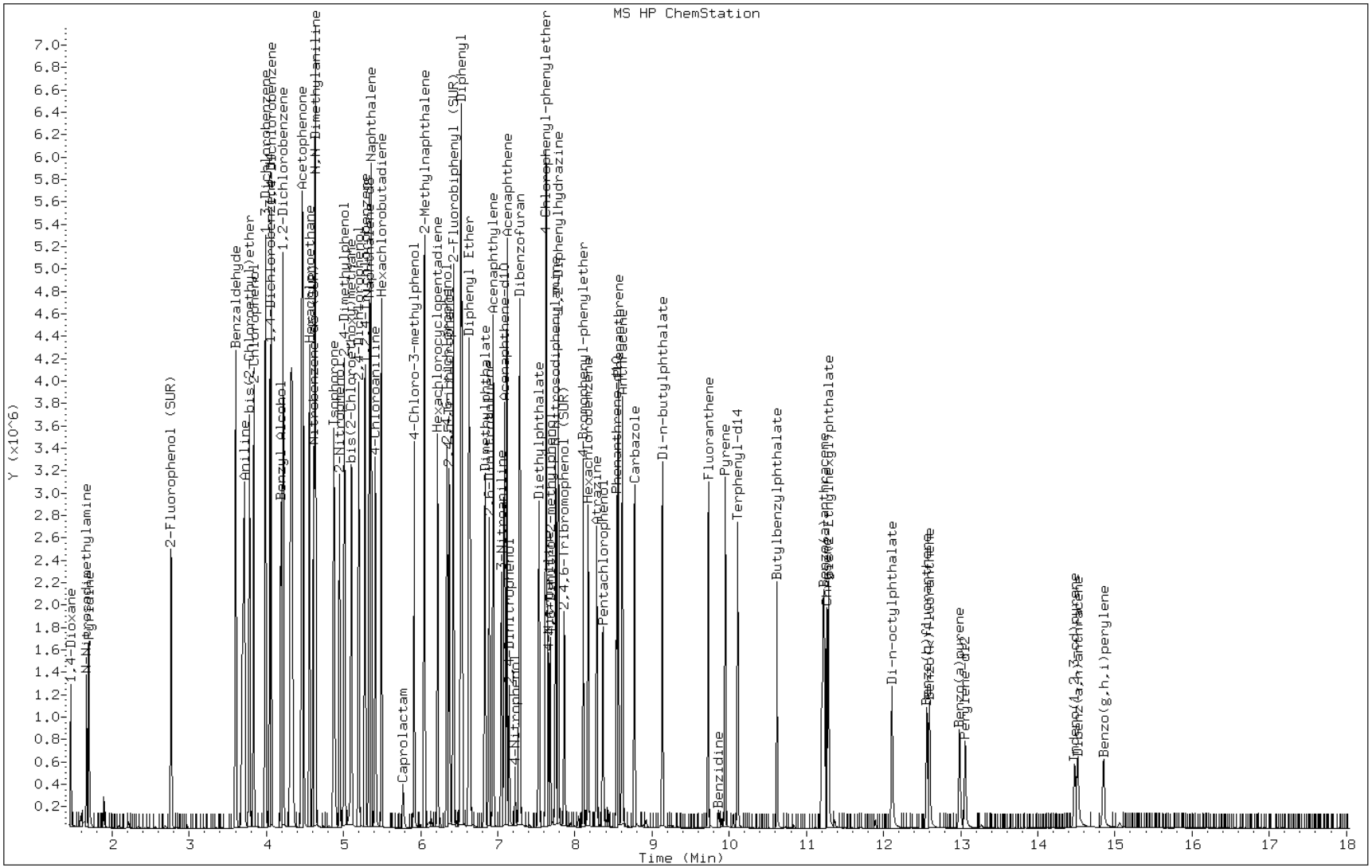
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: z8551.d

Date: 07-MAR-2010 16:02

Client ID: Instrument: BNAMS11.i

Sample Info: LCS 460-31376/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-31376/2-A

Matrix: Water | Lab File ID: z8980.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/22/2010 17:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 32805 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	78.4		10	1.3

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	100	61-112	
4165-60-0	Nitrobenzene-d5 (Surr)	100	61-120	
1718-51-0	Terphenyl-d14 (Surr)	104	41-124	

Data File: /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8980.d
Report Date: 23-Mar-2010 13:34

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8980.d
Lab Smp Id: LCS 460-31376/2-A
Inj Date : 22-MAR-2010 17:27
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : LCS 460-31376/2-A
Misc Info : LCS 460-31376/2-A
Comment :
Method : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/8270del_Benz.m
Meth Date : 23-Mar-2010 13:34 rusin Quant Type: ISTD
Cal Date : 22-MAR-2010 14:34 Cal File: z8973.d
Als bottle: 16 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

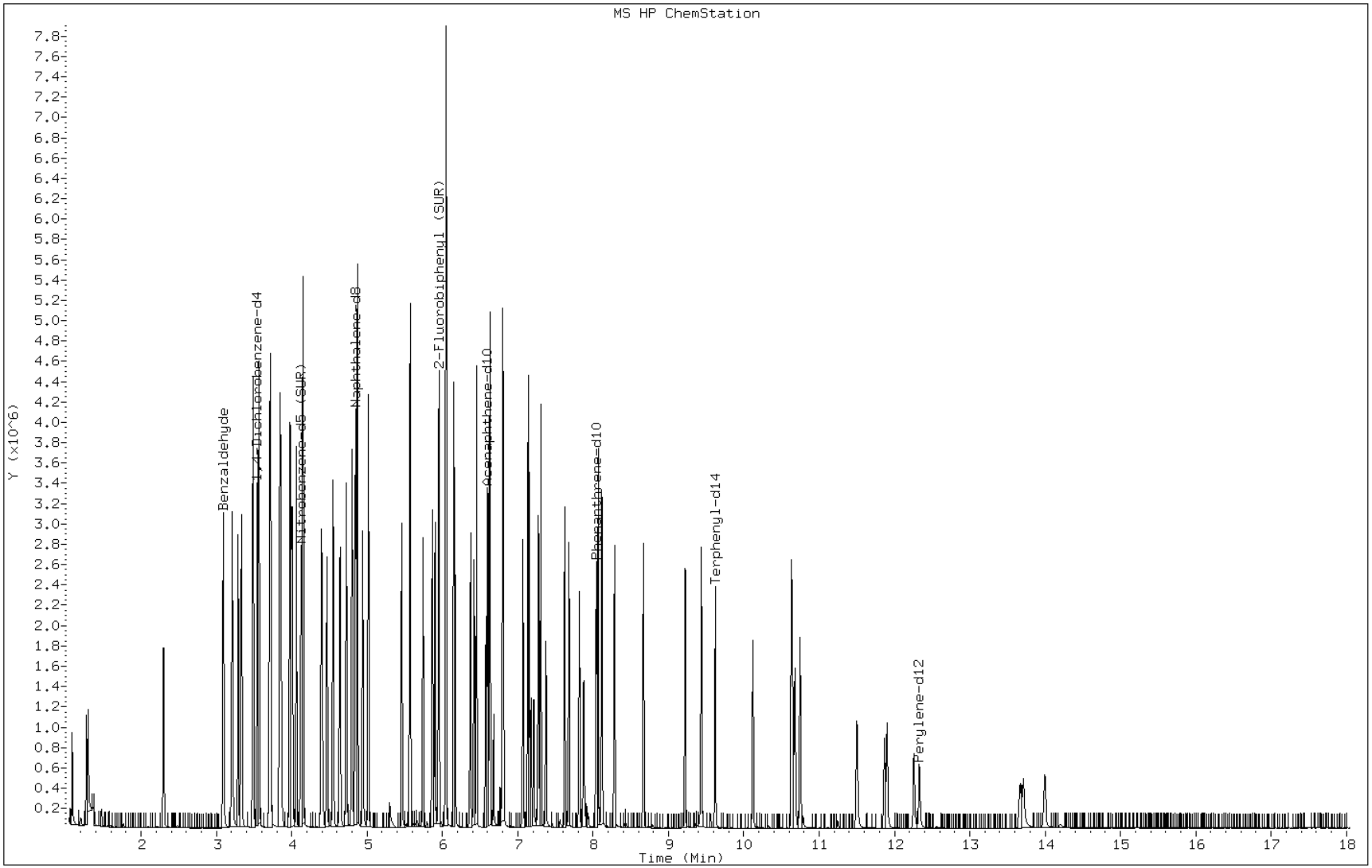
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
110 Benzaldehyde	77	3.090	3.090	(0.872)	625099	39.1971	78
* 79 1,4-Dichlorobenzene-d4	152	3.542	3.543	(1.000)	473442	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.125	4.113	(0.851)	999454	49.9670	100
* 80 Naphthalene-d8	136	4.848	4.843	(1.000)	1717936	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.954	5.948	(0.903)	1295372	49.9479	100
* 82 Acenaphthene-d10	164	6.595	6.595	(1.000)	774376	40.0000	
* 83 Phenanthrene-d10	188	8.042	8.042	(1.000)	941800	40.0000	
$ 78 Terphenyl-d14	244	9.619	9.619	(0.903)	727109	52.2040	100
* 81 Chrysene-d12	240	10.648	10.642	(1.000)	543533	40.0000	
* 84 Perylene-d12	264	12.330	12.324	(1.000)	378794	40.0000	

Data File: z8980.d

Date: 22-MAR-2010 17:27

Client ID: Instrument: BNAMS11.i

Sample Info: LCS 460-31376/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-31376/3-A

Matrix: Water | Lab File ID: z8552.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 16:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	98.9		10	5.4
108-95-2	Phenol	41.4		10	0.89
88-06-2	2,4,6-Trichlorophenol	96.3		10	3.2
111-44-4	Bis(2-chloroethyl)ether	96.9		1.0	0.41
120-83-2	2,4-Dichlorophenol	95.3		10	2.8
95-57-8	2-Chlorophenol	85.8		10	2.6
121-14-2	2,4-Dinitrotoluene	101		2.0	0.43
108-60-1	2,2'-oxybis[1-chloropropane]	101		10	3.2
98-86-2	Acetophenone	106		10	4.3
91-57-6	2-Methylnaphthalene	95.0		10	3.1
106-44-5	4-Methylphenol	73.5		10	1.6
95-48-7	2-Methylphenol	73.1		10	1.7
88-74-4	2-Nitroaniline	96.5		20	5.7
67-72-1	Hexachloroethane	92.9		1.0	0.50
98-95-3	Nitrobenzene	91.3		1.0	0.41
59-50-7	4-Chloro-3-methylphenol	86.4		10	2.0
78-59-1	Isophorone	95.2		10	3.6
88-75-5	2-Nitrophenol	92.7		10	3.4
7005-72-3	4-Chlorophenyl phenyl ether	94.1		10	3.9
105-67-9	2,4-Dimethylphenol	85.6		10	2.5
100-01-6	4-Nitroaniline	99.3		20	4.0
100-02-7	4-Nitrophenol	30.9		30	2.3
111-91-1	Bis(2-chloroethoxy)methane	93.7		10	3.5
1912-24-9	Atrazine	100		10	4.8
91-20-3	Naphthalene	92.1		10	3.7
106-47-8	4-Chloroaniline	78.7		10	2.1
50-32-8	Benzo[a]pyrene	86.0		1.0	0.18
87-68-3	Hexachlorobutadiene	91.4		2.0	0.94
207-08-9	Benzo[k]fluoranthene	95.2		1.0	0.30
105-60-2	Caprolactam	20.2		10	0.50
86-74-8	Carbazole	95.8		10	3.1
77-47-4	Hexachlorocyclopentadiene	89.9		10	4.6
53-70-3	Dibenz(a,h)anthracene	87.9		1.0	0.16
95-95-4	2,4,5-Trichlorophenol	102		10	2.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-31376/3-A

Matrix: Water | Lab File ID: z8552.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 16:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	103		10	3.3
91-58-7	2-Chloronaphthalene	92.3		10	3.8
206-44-0	Fluoranthene	90.7		10	2.6
86-73-7	Fluorene	96.7		10	3.3
606-20-2	2,6-Dinitrotoluene	97.4		2.0	0.59
208-96-8	Acenaphthylene	96.2		10	4.0
99-09-2	3-Nitroaniline	89.6		20	4.3
621-64-7	N-Nitrosodi-n-propylamine	105		1.0	0.32
83-32-9	Acenaphthene	104		10	3.8
51-28-5	2,4-Dinitrophenol	83.1		30	4.8
132-64-9	Dibenzofuran	96.9		10	3.6
84-66-2	Diethyl phthalate	99.7		10	3.8
534-52-1	4,6-Dinitro-2-methylphenol	91.0		30	5.2
86-30-6	N-Nitrosodiphenylamine	101		10	3.9
101-55-3	4-Bromophenyl phenyl ether	90.3		10	3.9
118-74-1	Hexachlorobenzene	88.7		1.0	0.27
87-86-5	Pentachlorophenol	87.7		30	5.1
85-01-8	Phenanthrene	90.4		10	3.6
120-12-7	Anthracene	91.5		10	3.6
84-74-2	Di-n-butyl phthalate	92.0		10	2.8
129-00-0	Pyrene	91.2		10	4.3
85-68-7	Butyl benzyl phthalate	91.1		10	2.8
91-94-1	3,3'-Dichlorobenzidine	117		20	7.0
56-55-3	Benzo[a]anthracene	92.4		1.0	0.27
218-01-9	Chrysene	94.5		10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	91.7		10	2.4
117-84-0	Di-n-octyl phthalate	86.6		10	1.9
205-99-2	Benzo[b]fluoranthene	86.4		1.0	0.21
193-39-5	Indeno[1,2,3-cd]pyrene	93.3		1.0	0.12
191-24-2	Benzo[g,h,i]perylene	93.4		10	2.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-31376/3-A

Matrix: Water | Lab File ID: z8552.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/07/2010 16:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31814 | Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	97	50-119	
321-60-8	2-Fluorobiphenyl	86	61-112	
367-12-4	2-Fluorophenol (Surr)	52	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	92	61-120	
4165-62-2	Phenol-d5 (Surr)	34	9-48	
1718-51-0	Terphenyl-d14 (Surr)	84	41-124	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8552.d
Report Date: 11-Mar-2010 14:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8552.d
Lab Smp Id: LCSD 460-31376/3-A
Inj Date : 07-MAR-2010 16:27
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : LCSD 460-31376/3-A
Misc Info : LCSD 460-31376/3-A
Comment :
Method : /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/8270Cdel_08.m
Meth Date : 09-Mar-2010 12:32 croccom Quant Type: ISTD
Cal Date : 07-MAR-2010 15:08 Cal File: z8549.d
Als bottle: 5 QC Sample: BSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	19 N-Nitrosodimethylamine	74	1.666	1.660	(0.412)	402971	24.3897	49
	71 Pyridine	79	1.696	1.684	(0.419)	457744	16.8504	34
$	16 2-Fluorophenol (SUR)	112	2.766	2.766	(0.683)	610389	26.1901	52
	110 Benzaldehyde	77	3.601	3.601	(0.890)	845338	157.769	320(AR)
$	17 Phenol-d5 (SUR)	99	3.684	3.701	(0.910)	464820	17.0029	34
	1 Phenol	94	3.701	3.713	(0.914)	565862	20.6820	41
	73 Aniline	93	3.713	3.719	(0.917)	1108499	32.3463	65
	20 bis(2-Chloroethyl)ether	93	3.784	3.790	(0.935)	1180009	48.4307	97
	2 2-Chlorophenol	128	3.837	3.842	(0.948)	998826	42.9215	86
	21 1,3-Dichlorobenzene	146	3.990	3.995	(0.985)	1121932	46.0318	92
*	79 1,4-Dichlorobenzene-d4	152	4.048	4.048	(1.000)	591549	40.0000	
	22 1,4-Dichlorobenzene	146	4.066	4.066	(1.004)	1079250	46.0128	92
	74 Benzyl Alcohol	108	4.190	4.195	(1.035)	534518	34.7789	70
	23 1,2-Dichlorobenzene	146	4.219	4.219	(1.042)	1042975	47.2151	94
	3 2-Methylphenol	108	4.313	4.319	(1.065)	698775	36.5440	73

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8552.d
Report Date: 11-Mar-2010 14:07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	24 bis (2-chloroisopropyl) ether	45	4.331	4.337	(1.070)	2106671	50.5656	100
	4 4-Methylphenol	108	4.478	4.484	(1.106)	541868	36.7327	73
	121 3 & 4 Methylphenol	108	4.478	4.484	(1.106)	541868	36.7327	73
	104 Acetophenone	105	4.460	4.466	(1.102)	1306292	52.8953	100
	25 N-Nitroso-di-n-propylamine	70	4.472	4.478	(1.105)	690860	52.3701	100
	26 Hexachloroethane	117	4.560	4.560	(1.126)	492829	46.4526	93
$	76 Nitrobenzene-d5 (SUR)	82	4.613	4.613	(0.864)	1217497	45.8691	92
	107 N,N-Dimethylaniline	120	4.637	4.642	(1.145)	1094475	39.2647	78
	27 Nitrobenzene	77	4.631	4.637	(0.868)	1357425	45.6552	91
	28 Isophorone	82	4.878	4.878	(0.914)	1948488	47.6230	95
	6 2,4-Dimethylphenol	122	5.013	5.013	(0.939)	737346	42.8134	86
	5 2-Nitrophenol	139	4.954	4.954	(0.928)	505084	46.3665	93
	29 bis(2-Chloroethoxy)methane	93	5.101	5.107	(0.956)	1165128	46.8297	94
	7 2,4-Dichlorophenol	162	5.201	5.201	(0.975)	675595	47.6679	95
	30 1,2,4-Trichlorobenzene	180	5.284	5.284	(0.990)	773985	45.1614	90
*	80 Naphthalene-d8	136	5.337	5.337	(1.000)	2096871	40.0000	
	31 Naphthalene	128	5.354	5.360	(1.003)	2515426	46.0630	92
	32 4-Chloroaniline	127	5.413	5.419	(1.014)	856962	39.3750	79
	33 Hexachlorobutadiene	225	5.495	5.495	(1.030)	476710	45.6932	91
	111 Caprolactam	113	5.772	5.795	(1.082)	47819	10.0961	20
	8 4-Chloro-3-methylphenol	107	5.919	5.925	(1.109)	660364	43.2008	86
	34 2-Methylnaphthalene	142	6.054	6.054	(1.134)	1463063	47.4757	95
	35 Hexachlorocyclopentadiene	237	6.219	6.225	(0.878)	466042	44.9689	90
	9 2,4,6-Trichlorophenol	196	6.342	6.342	(0.895)	410760	48.1648	96
	10 2,4,5-Trichlorophenol	196	6.372	6.383	(0.900)	436501	50.8830	100
$	77 2-Fluorobiphenyl (SUR)	172	6.425	6.431	(0.907)	1394013	43.1848	86
	102 Diphenyl	154	6.525	6.525	(0.921)	1637356	49.4300	99
	36 2-Chloronaphthalene	162	6.537	6.536	(0.923)	1202743	46.1554	92
	103 Diphenyl Ether	170	6.625	6.631	(0.935)	839577	45.2908	90
	37 2-Nitroaniline	65	6.642	6.648	(0.938)	571244	48.2445	96
	38 Dimethylphthalate	163	6.836	6.836	(0.965)	1269476	51.2756	100
	40 2,6-Dinitrotoluene	165	6.889	6.889	(0.973)	293437	48.6857	97
	39 Acenaphthylene	152	6.942	6.948	(0.980)	1844652	48.0798	96
	41 3-Nitroaniline	138	7.048	7.054	(0.995)	296746	44.8173	90
*	82 Acenaphthene-d10	164	7.084	7.089	(1.000)	895545	40.0000	
	42 Acenaphthene	154	7.119	7.119	(1.005)	1133470	52.1284	100
	11 2,4-Dinitrophenol	184	7.148	7.154	(1.009)	122460	41.5732	83
	12 4-Nitrophenol	65	7.225	7.231	(1.020)	79854	15.4484	31
	43 Dibenzofuran	168	7.289	7.289	(1.029)	1466193	48.4582	97
	44 2,4-Dinitrotoluene	165	7.278	7.283	(1.027)	315001	50.6491	100
	45 Diethylphthalate	149	7.531	7.536	(1.063)	1146000	49.8566	100
	46 4-Chlorophenyl-phenylether	204	7.631	7.636	(1.077)	526320	47.0694	94
	47 Fluorene	166	7.625	7.625	(1.076)	1092760	48.3258	97
	48 4-Nitroaniline	138	7.654	7.654	(1.081)	268820	49.6403	99
	13 4,6-Dinitro-2-methylphenol	198	7.683	7.683	(0.899)	178818	45.4893	91
	49 N-Nitrosodiphenylamine	169	7.748	7.754	(0.907)	804466	50.3497	100
	75 1,2-Diphenylhydrazine	77	7.783	7.789	(0.911)	1653735	45.3577	91

Data File: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b/z8552.d
Report Date: 11-Mar-2010 14:07

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/L)
$	18 2,4,6-Tribromophenol (SUR)	330	7.860	7.866	(1.110)	192346	48.7333	97
	50 4-Bromophenyl-phenylether	248	8.107	8.113	(0.949)	321525	45.1321	90
	112 Atrazine	200	8.283	8.283	(0.970)	263656	50.1095	100
	51 Hexachlorobenzene	284	8.172	8.178	(0.957)	354285	44.3373	89
	14 Pentachlorophenol	266	8.366	8.366	(0.979)	188618	43.8326	88
*	83 Phenanthrene-d10	188	8.542	8.542	(1.000)	1090249	40.0000	
	52 Phenanthrene	178	8.566	8.566	(1.003)	1412843	45.1849	90
	53 Anthracene	178	8.613	8.619	(1.008)	1447579	45.7650	92
	54 Carbazole	167	8.778	8.777	(1.028)	1182729	47.8827	96
	55 Di-n-butylphthalate	149	9.136	9.136	(1.070)	1413201	46.0234	92
	56 Fluoranthene	202	9.730	9.730	(1.139)	1217066	45.3605	91
	58 Benzidine	184	9.860	9.866	(1.154)	76310	36.5214	73(R)
	57 Pyrene	202	9.948	9.948	(0.886)	1207923	45.6038	91
$	78 Terphenyl-d14	244	10.113	10.113	(0.900)	799302	42.0593	84
	59 Butylbenzylphthalate	149	10.619	10.624	(0.946)	457220	45.5629	91
	63 bis(2-Ethylhexyl)phthalate	149	11.289	11.289	(1.005)	587006	45.8656	92
	60 3,3'-Dichlorobenzidine	252	11.201	11.201	(0.997)	258592	58.4024	120(R)
	61 Benzo(a)anthracene	228	11.219	11.218	(0.999)	813625	46.1765	92
*	81 Chrysene-d12	240	11.230	11.236	(1.000)	634370	40.0000	
	62 Chrysene	228	11.260	11.266	(1.003)	806482	47.2323	94
	64 Di-n-octylphthalate	149	12.107	12.113	(0.927)	802433	43.2899	86
	65 Benzo(b)fluoranthene	252	12.560	12.565	(0.962)	600415	43.2058	86
	66 Benzo(k)fluoranthene	252	12.595	12.601	(0.964)	708560	47.5801	95
	67 Benzo(a)pyrene	252	12.983	12.989	(0.994)	508704	42.9951	86
*	84 Perylene-d12	264	13.060	13.065	(1.000)	462190	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.477	14.483	(1.109)	419540	46.6500	93
	69 Dibenz(a,h)anthracene	278	14.512	14.518	(1.111)	433310	43.9334	88
	70 Benzo(g,h,i)perylene	276	14.854	14.854	(1.137)	473344	46.7242	93

QC Flag Legend

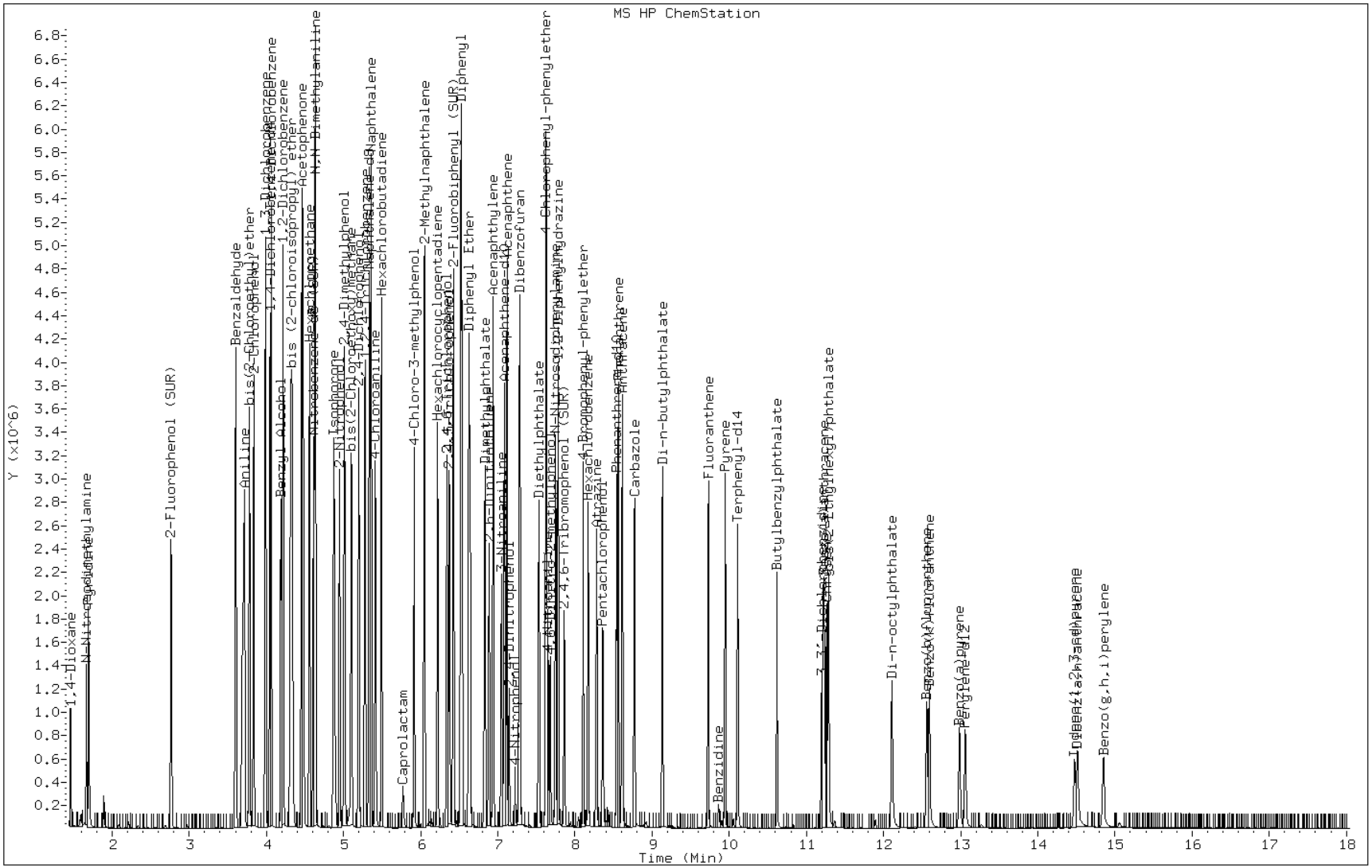
A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: z8552.d

Date: 07-MAR-2010 16:27

Client ID: Instrument: BNAMS11.i

Sample Info: LCSD 460-31376/3-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-31376/3-A

Matrix: Water Lab File ID: z8981.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3510C Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/22/2010 17:51

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32805 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	72.9		10	1.3

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	95	61-112	
4165-60-0	Nitrobenzene-d5 (Surr)	95	61-120	
1718-51-0	Terphenyl-d14 (Surr)	100	41-124	

Data File: /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8981.d
Report Date: 23-Mar-2010 13:34

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8981.d
Lab Smp Id: LCSD 460-31376/3-A
Inj Date : 22-MAR-2010 17:51
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : LCSD 460-31376/3-A
Misc Info : LCSD 460-31376/3-A
Comment :
Method : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/8270del_Benz.m
Meth Date : 23-Mar-2010 13:34 rusin Quant Type: ISTD
Cal Date : 22-MAR-2010 14:34 Cal File: z8973.d
Als bottle: 17 QC Sample: BSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

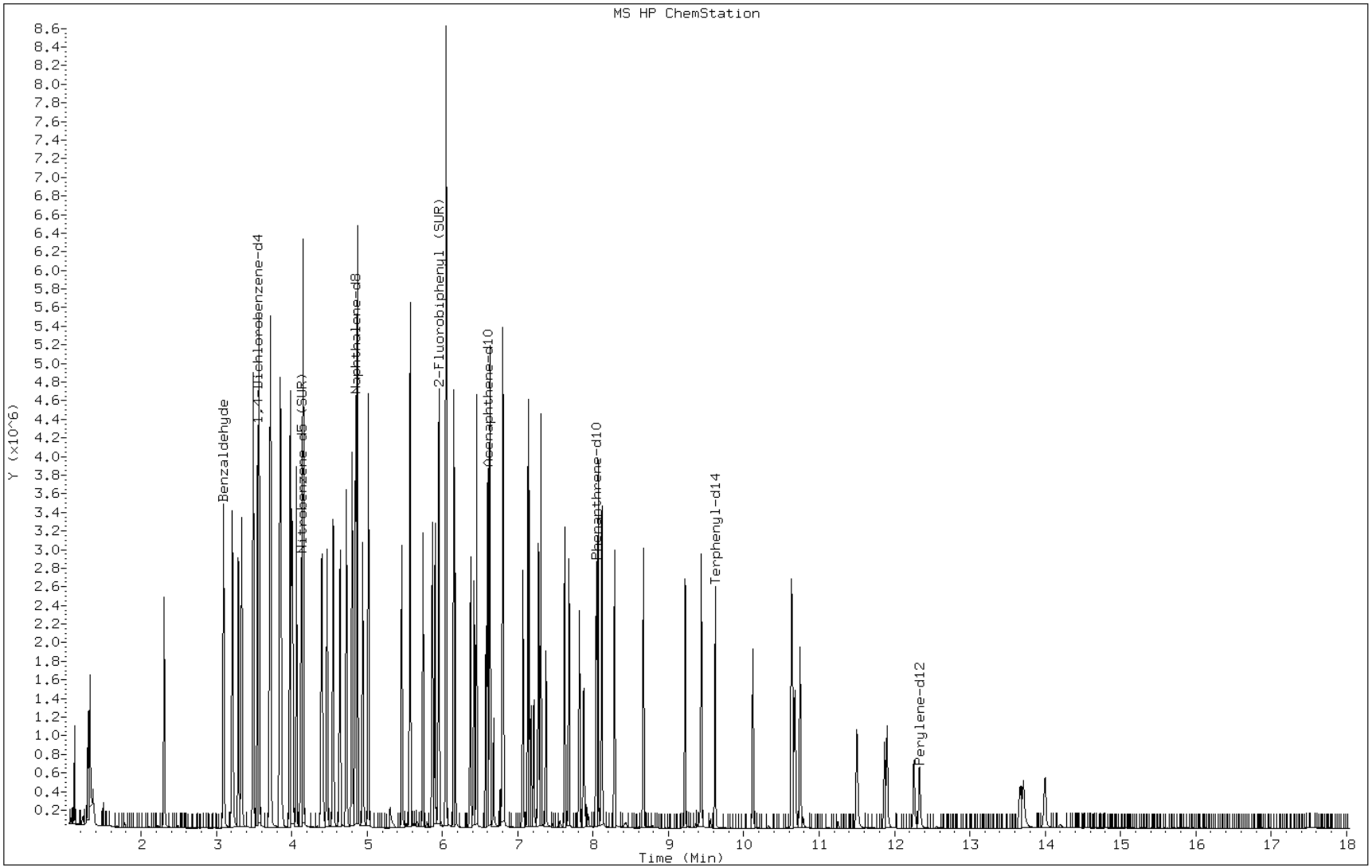
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
110 Benzaldehyde	77	3.095	3.090	(0.872)	716532	36.4633	73
* 79 1,4-Dichlorobenzene-d4	152	3.548	3.543	(1.000)	583380	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.125	4.113	(0.851)	1124402	47.5038	95
* 80 Naphthalene-d8	136	4.848	4.843	(1.000)	2032921	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.954	5.948	(0.902)	1429125	47.4624	95
* 82 Acenaphthene-d10	164	6.601	6.595	(1.000)	899073	40.0000	
* 83 Phenanthrene-d10	188	8.042	8.042	(1.000)	1052019	40.0000	
$ 78 Terphenyl-d14	244	9.618	9.619	(0.903)	761259	50.0629	100
* 81 Chrysene-d12	240	10.648	10.642	(1.000)	593399	40.0000	
* 84 Perylene-d12	264	12.336	12.324	(1.000)	422435	40.0000	

Data File: z8981.d

Date: 22-MAR-2010 17:51

Client ID: Instrument: BNAMS11.i

Sample Info: LCSD 460-31376/3-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-003 | Lab Sample ID: 460-10889-3 MS

Matrix: Water | Lab File ID: z8514.d

Analysis Method: 8270C | Date Collected: 03/01/2010 14:00

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 01:05

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	96.2		10	5.5
108-95-2	Phenol	38.6		10	0.91
88-06-2	2,4,6-Trichlorophenol	89.4		10	3.2
111-44-4	Bis(2-chloroethyl)ether	89.0		1.0	0.42
120-83-2	2,4-Dichlorophenol	87.6		10	2.8
95-57-8	2-Chlorophenol	74.4		10	2.7
121-14-2	2,4-Dinitrotoluene	89.8		2.0	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	91.7		10	3.3
98-86-2	Acetophenone	96.8		10	4.4
91-57-6	2-Methylnaphthalene	91.3		10	3.2
106-44-5	4-Methylphenol	74.9		10	1.6
95-48-7	2-Methylphenol	74.7		10	1.7
88-74-4	2-Nitroaniline	88.1		20	5.8
67-72-1	Hexachloroethane	81.9		1.0	0.51
98-95-3	Nitrobenzene	86.8		1.0	0.42
59-50-7	4-Chloro-3-methylphenol	81.3		10	2.0
78-59-1	Isophorone	87.7		10	3.7
88-75-5	2-Nitrophenol	84.3		10	3.5
7005-72-3	4-Chlorophenyl phenyl ether	88.6		10	4.0
105-67-9	2,4-Dimethylphenol	85.5		10	2.6
100-01-6	4-Nitroaniline	73.6		20	4.1
100-02-7	4-Nitrophenol	18.4	J	31	2.4
111-91-1	Bis(2-chloroethoxy)methane	89.2		10	3.5
1912-24-9	Atrazine	80.0		10	4.9
91-20-3	Naphthalene	159		10	3.7
106-47-8	4-Chloroaniline	76.0		10	2.1
50-32-8	Benzo[a]pyrene	82.7		1.0	0.18
87-68-3	Hexachlorobutadiene	81.9		2.0	0.96
207-08-9	Benzo[k]fluoranthene	88.2		1.0	0.31
105-60-2	Caprolactam	13.2		10	0.51
86-74-8	Carbazole	87.7		10	3.1
77-47-4	Hexachlorocyclopentadiene	67.9		10	4.7
53-70-3	Dibenz(a,h)anthracene	93.0		1.0	0.16
95-95-4	2,4,5-Trichlorophenol	89.9		10	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-003 | Lab Sample ID: 460-10889-3 MS

Matrix: Water | Lab File ID: z8514.d

Analysis Method: 8270C | Date Collected: 03/01/2010 14:00

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 01:05

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	91.7		10	3.3
91-58-7	2-Chloronaphthalene	88.7		10	3.8
206-44-0	Fluoranthene	85.0		10	2.7
86-73-7	Fluorene	89.2		10	3.3
606-20-2	2,6-Dinitrotoluene	87.0		2.0	0.60
208-96-8	Acenaphthylene	87.2		10	4.1
99-09-2	3-Nitroaniline	74.2		20	4.4
621-64-7	N-Nitrosodi-n-propylamine	95.7		1.0	0.33
83-32-9	Acenaphthene	98.8		10	3.8
51-28-5	2,4-Dinitrophenol	80.6		31	4.9
132-64-9	Dibenzofuran	90.1		10	3.7
84-66-2	Diethyl phthalate	83.7		10	3.9
534-52-1	4,6-Dinitro-2-methylphenol	84.7		31	5.3
86-30-6	N-Nitrosodiphenylamine	98.0		10	3.9
101-55-3	4-Bromophenyl phenyl ether	87.3		10	4.0
118-74-1	Hexachlorobenzene	87.6		1.0	0.28
87-86-5	Pentachlorophenol	88.1		31	5.2
85-01-8	Phenanthrene	90.6		10	3.6
120-12-7	Anthracene	88.1		10	3.6
84-74-2	Di-n-butyl phthalate	81.8		10	2.8
129-00-0	Pyrene	81.9		10	4.4
85-68-7	Butyl benzyl phthalate	82.4		10	2.8
91-94-1	3,3'-Dichlorobenzidine	91.5		20	7.1
56-55-3	Benzo[a]anthracene	88.0		1.0	0.28
218-01-9	Chrysene	89.6		10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	84.3		10	2.4
117-84-0	Di-n-octyl phthalate	79.6		10	1.9
205-99-2	Benzo[b]fluoranthene	86.3		1.0	0.21
193-39-5	Indeno[1,2,3-cd]pyrene	97.0		1.0	0.12
191-24-2	Benzo[g,h,i]perylene	96.9		10	2.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-003 Lab Sample ID: 460-10889-3 MS

Matrix: Water Lab File ID: z8514.d

Analysis Method: 8270C Date Collected: 03/01/2010 14:00

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/06/2010 01:05

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	86	50-119	
321-60-8	2-Fluorobiphenyl	87	61-112	
367-12-4	2-Fluorophenol (Surr)	41	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	81	61-120	
4165-62-2	Phenol-d5 (Surr)	32	9-48	
1718-51-0	Terphenyl-d14 (Surr)	76	41-124	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8514.d
Report Date: 07-Mar-2010 14:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8514.d
Lab Smp Id: 460-10889-F-3-A MS Client Smp ID: GW-017338-030110-AC
Inj Date : 06-MAR-2010 01:05
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-3-A MS
Misc Info : 460-10889-F-3-A MS
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 12 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	106 1,4-Dioxane	88	1.484	1.490	(0.365)	235285	20.8977	43
	19 N-Nitrosodimethylamine	74	1.690	1.696	(0.416)	335975	21.0978	43
	71 Pyridine	79	1.719	1.725	(0.423)	488600	18.5830	38
$	16 2-Fluorophenol (SUR)	112	2.790	2.790	(0.686)	469318	20.5524	42
	110 Benzaldehyde	77	3.619	3.619	(0.890)	624388	124.667	250(AR)
$	17 Phenol-d5 (SUR)	99	3.701	3.707	(0.910)	423094	16.1983	33
	1 Phenol	94	3.713	3.725	(0.913)	501412	18.9343	39
	73 Aniline	93	3.731	3.737	(0.918)	981597	29.4715	60
	20 bis(2-Chloroethyl)ether	93	3.801	3.807	(0.935)	1011961	43.5877	89
	2 2-Chlorophenol	128	3.854	3.860	(0.948)	834292	36.4792	74
	21 1,3-Dichlorobenzene	146	4.013	4.013	(0.987)	961410	40.1331	82
*	79 1,4-Dichlorobenzene-d4	152	4.066	4.066	(1.000)	573339	40.0000	
	22 1,4-Dichlorobenzene	146	4.084	4.084	(1.004)	929488	39.9552	82
	74 Benzyl Alcohol	108	4.213	4.213	(1.036)	424439	28.7779	59
	23 1,2-Dichlorobenzene	146	4.237	4.237	(1.042)	863008	39.4329	80

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8514.d
Report Date: 07-Mar-2010 14:23

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	3 2-Methylphenol	108	4.337	4.337	(1.067)	678245	36.6161	75
	24 bis (2-chloroisopropyl) ether	45	4.354	4.354	(1.071)	1818462	44.9573	92
	4 4-Methylphenol	108	4.495	4.496	(1.106)	515188	36.6991	75
	121 3 & 4 Methylphenol	108	4.495	4.496	(1.106)	515188	36.6991	75
	104 Acetophenone	105	4.484	4.484	(1.103)	1120838	47.4116	97
	25 N-Nitroso-di-n-propylamine	70	4.495	4.490	(1.106)	596206	46.9035	96
	26 Hexachloroethane	117	4.584	4.584	(1.127)	421953	40.1247	82
$	76 Nitrobenzene-d5 (SUR)	82	4.637	4.631	(0.865)	991305	40.2503	82
	107 N,N-Dimethylaniline	120	4.660	4.660	(1.146)	1062444	39.1471	80
	27 Nitrobenzene	77	4.654	4.654	(0.868)	1197510	42.5526	87
	28 Isophorone	82	4.901	4.895	(0.914)	1605311	42.9830	88
	6 2,4-Dimethylphenol	122	5.037	5.031	(0.940)	669994	41.8926	85
	5 2-Nitrophenol	139	4.978	4.972	(0.929)	427467	41.2908	84
	29 bis(2-Chloroethoxy)methane	93	5.131	5.125	(0.957)	991198	43.7233	89
	7 2,4-Dichlorophenol	162	5.225	5.219	(0.975)	566851	42.9441	88
	30 1,2,4-Trichlorobenzene	180	5.307	5.307	(0.990)	664657	41.1727	84
*	80 Naphthalene-d8	136	5.360	5.360	(1.000)	1984102	40.0000	
	31 Naphthalene	128	5.384	5.378	(1.004)	3991229	77.8448	160(R)
	32 4-Chloroaniline	127	5.442	5.437	(1.015)	731253	37.2162	76
	33 Hexachlorobutadiene	225	5.519	5.519	(1.030)	396262	40.1474	82
	111 Caprolactam	113	5.795	5.801	(1.081)	26174	6.48808	13
	8 4-Chloro-3-methylphenol	107	5.942	5.942	(1.109)	536409	39.8178	81
	34 2-Methylnaphthalene	142	6.078	6.078	(1.134)	1271559	44.7354	91
	35 Hexachlorocyclopentadiene	237	6.248	6.248	(0.878)	330111	33.2864	68
	9 2,4,6-Trichlorophenol	196	6.366	6.366	(0.894)	331946	43.8036	89
	10 2,4,5-Trichlorophenol	196	6.401	6.401	(0.899)	347954	44.0669	90
$	77 2-Fluorobiphenyl (SUR)	172	6.454	6.448	(0.907)	1272185	43.6205	89
	102 Diphenyl	154	6.548	6.548	(0.920)	1429797	47.1250	96
	36 2-Chloronaphthalene	162	6.566	6.560	(0.922)	1023991	43.4475	89
	103 Diphenyl Ether	170	6.654	6.654	(0.935)	713202	43.9031	90
	37 2-Nitroaniline	65	6.672	6.666	(0.937)	455783	43.1831	88
	38 Dimethylphthalate	163	6.866	6.860	(0.964)	954099	44.9444	92
	40 2,6-Dinitrotoluene	165	6.913	6.913	(0.971)	224972	42.6125	87
	39 Acenaphthylene	152	6.972	6.972	(0.979)	1488514	42.7391	87
	41 3-Nitroaniline	138	7.078	7.078	(0.994)	205862	36.3745	74
*	82 Acenaphthene-d10	164	7.119	7.113	(1.000)	784596	40.0000	
	42 Acenaphthene	154	7.148	7.142	(1.004)	953723	48.4325	99
	11 2,4-Dinitrophenol	184	7.178	7.178	(1.008)	107682	39.4785	80
	12 4-Nitrophenol	65	7.254	7.254	(1.019)	39812	9.00351	18(a)
	43 Dibenzofuran	168	7.319	7.319	(1.028)	1217249	44.1637	90
	44 2,4-Dinitrotoluene	165	7.307	7.307	(1.026)	235862	43.9914	90
	45 Diethylphthalate	149	7.560	7.560	(1.062)	815919	41.0142	84
	46 4-Chlorophenyl-phenylether	204	7.660	7.660	(1.076)	432718	43.4151	89
	47 Fluorene	166	7.654	7.654	(1.075)	879142	43.6948	89
	48 4-Nitroaniline	138	7.678	7.678	(1.078)	175133	36.0774	74
	13 4,6-Dinitro-2-methylphenol	198	7.713	7.707	(0.900)	130695	41.5224	85
	49 N-Nitrosodiphenylamine	169	7.778	7.778	(0.907)	614283	48.0110	98

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8514.d
Report Date: 07-Mar-2010 14:23

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/L)
	75 1,2-Diphenylhydrazine	77	7.819	7.813	(0.912)	1319202	45.2142	92
$	18 2,4,6-Tribromophenol (SUR)	330	7.895	7.889	(1.109)	147331	42.7752	87
	50 4-Bromophenyl-phenylether	248	8.142	8.136	(0.950)	247516	42.7860	87
	112 Atrazine	200	8.313	8.313	(0.970)	161745	39.2228	80
	51 Hexachlorobenzene	284	8.207	8.201	(0.957)	281287	42.9402	88
	14 Pentachlorophenol	266	8.395	8.395	(0.979)	147380	43.1810	88
*	83 Phenanthrene-d10	188	8.572	8.572	(1.000)	848891	40.0000	
	52 Phenanthrene	178	8.595	8.595	(1.003)	1077745	44.4015	91
	53 Anthracene	178	8.648	8.642	(1.009)	1063857	43.1597	88
	54 Carbazole	167	8.807	8.807	(1.027)	812194	42.9685	88
	55 Di-n-butylphthalate	149	9.172	9.166	(1.070)	974389	40.0578	82
	56 Fluoranthene	202	9.766	9.760	(1.139)	842951	41.6383	85
	58 Benzidine	184	9.901	9.895	(1.155)	16142	10.1422	21
	57 Pyrene	202	9.983	9.983	(0.884)	821960	40.1414	82
$	78 Terphenyl-d14	244	10.148	10.148	(0.899)	553330	38.1066	78
	59 Butylbenzylphthalate	149	10.671	10.666	(0.945)	306067	40.3686	82
	63 bis(2-Ethylhexyl)phthalate	149	11.354	11.342	(1.006)	393731	41.2959	84
	60 3,3'-Dichlorobenzidine	252	11.260	11.248	(0.997)	160768	44.8342	91
	61 Benzo(a)anthracene	228	11.277	11.272	(0.999)	565538	43.1314	88
*	81 Chrysene-d12	240	11.289	11.283	(1.000)	471436	40.0000	
	62 Chrysene	228	11.318	11.313	(1.003)	562766	43.9151	90
	64 Di-n-octylphthalate	149	12.177	12.171	(0.927)	560338	39.0215	80
	65 Benzo(b)fluoranthene	252	12.636	12.624	(0.962)	461945	42.2966	86
	66 Benzo(k)fluoranthene	252	12.671	12.660	(0.965)	500652	43.2311	88
	67 Benzo(a)pyrene	252	13.060	13.048	(0.994)	376596	40.5150	83
*	84 Perylene-d12	264	13.136	13.130	(1.000)	360316	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.571	14.560	(1.109)	330953	47.5491	97
	69 Dibenz(a,h)anthracene	278	14.607	14.595	(1.112)	359383	45.5729	93
	70 Benzo(g,h,i)perylene	276	14.954	14.942	(1.138)	372404	47.5034	97

QC Flag Legend

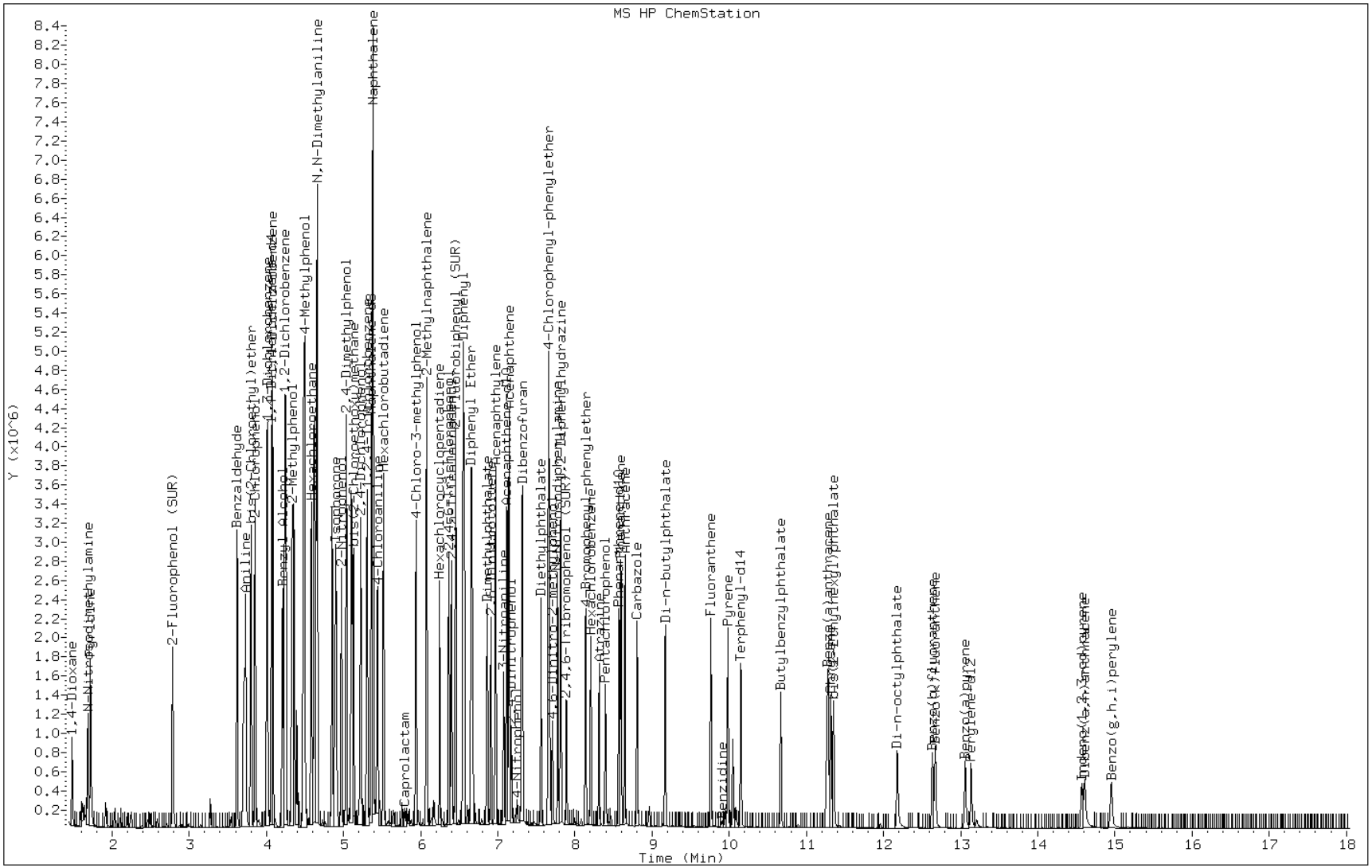
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: z8514.d

Date: 06-MAR-2010 01:05

Client ID: GW-017338-030110-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-3-A MS Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-003 Lab Sample ID: 460-10889-3 MS

Matrix: Water Lab File ID: z8985.d

Analysis Method: 8270C Date Collected: 03/01/2010 14:00

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/22/2010 19:28

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32805 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	62.1		10	1.4

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	92	61-112	
4165-60-0	Nitrobenzene-d5 (Surr)	84	61-120	
1718-51-0	Terphenyl-d14 (Surr)	93	41-124	

Data File: /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8985.d
Report Date: 23-Mar-2010 13:35

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8985.d
Lab Smp Id: 460-10889-F-3-A MS Client Smp ID: GW-017338-030110-AC
Inj Date : 22-MAR-2010 19:28
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-F-3-A MS
Misc Info : 460-10889-F-3-A MS
Comment   :
Method   : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/8270del_Benz.m
Meth Date : 23-Mar-2010 13:34 rusin Quant Type: ISTD
Cal Date : 22-MAR-2010 14:34 Cal File: z8973.d
Als bottle: 21 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
110 Benzaldehyde	77	3.090	3.090	(0.872)	437172	30.4467	62(R)
* 79 1,4-Dichlorobenzene-d4	152	3.542	3.543	(1.000)	426269	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.125	4.113	(0.851)	743705	41.9066	86
* 80 Naphthalene-d8	136	4.848	4.843	(1.000)	1524212	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.948	5.948	(0.902)	1036439	45.8817	94
* 82 Acenaphthene-d10	164	6.595	6.595	(1.000)	674495	40.0000	
* 83 Phenanthrene-d10	188	8.042	8.042	(1.000)	833685	40.0000	
$ 78 Terphenyl-d14	244	9.619	9.619	(0.903)	582535	46.6851	95
* 81 Chrysene-d12	240	10.648	10.642	(1.000)	486939	40.0000	
* 84 Perylene-d12	264	12.330	12.324	(1.000)	341254	40.0000	

QC Flag Legend

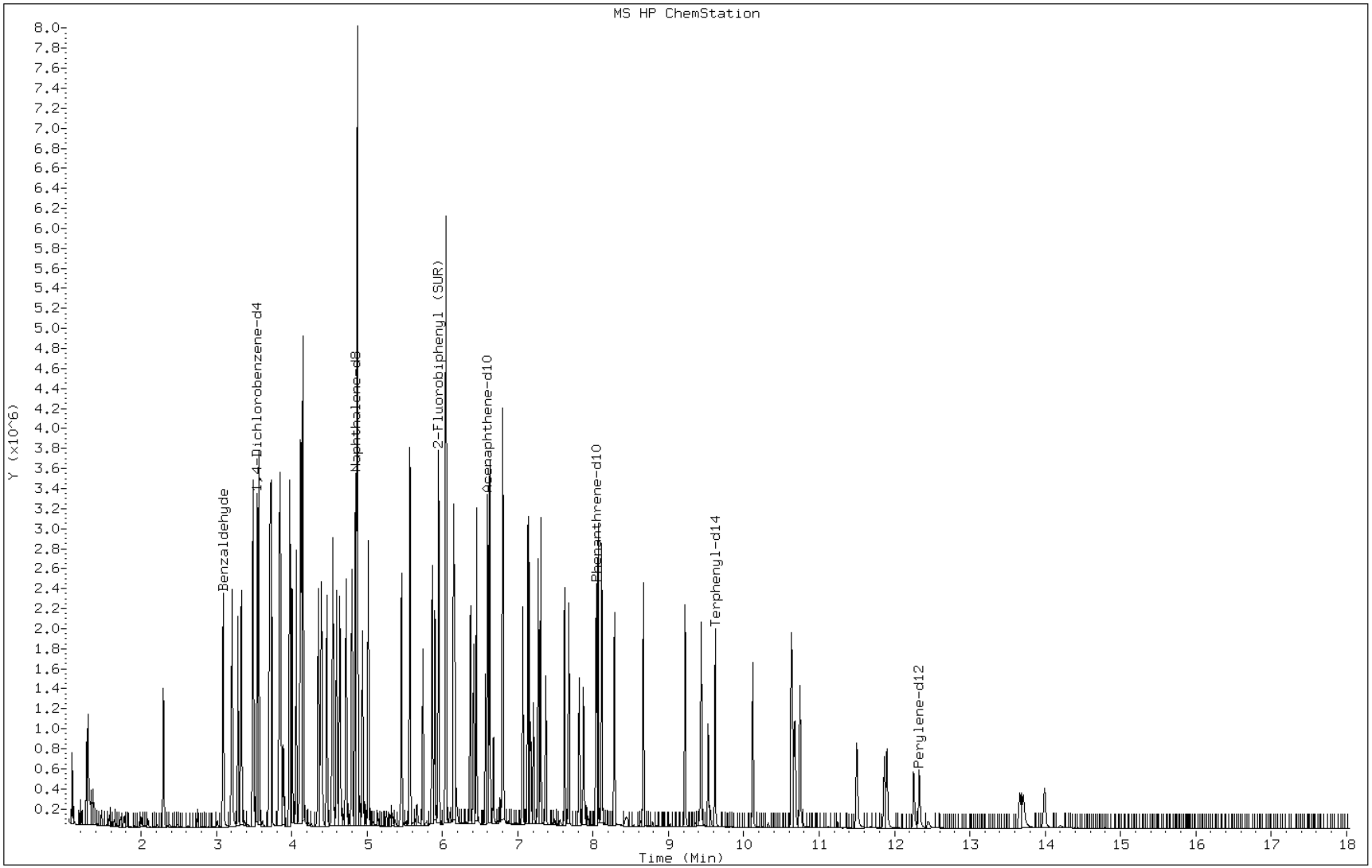
R - Spike/Surrogate failed recovery limits.

Data File: z8985.d

Date: 22-MAR-2010 19:28

Client ID: GW-017338-030110-AC Instrument: BNAMS11.i

Sample Info: 460-10889-F-3-A MS Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-003 | Lab Sample ID: 460-10889-3 MSD

Matrix: Water | Lab File ID: z8515.d

Analysis Method: 8270C | Date Collected: 03/01/2010 14:00

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 01:29

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	96.8		10	5.5
108-95-2	Phenol	38.7		10	0.91
88-06-2	2,4,6-Trichlorophenol	95.6		10	3.2
111-44-4	Bis(2-chloroethyl)ether	88.8		1.0	0.42
120-83-2	2,4-Dichlorophenol	89.3		10	2.8
95-57-8	2-Chlorophenol	74.3		10	2.7
121-14-2	2,4-Dinitrotoluene	98.6		2.0	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	91.8		10	3.3
98-86-2	Acetophenone	98.3		10	4.4
91-57-6	2-Methylnaphthalene	94.4		10	3.2
106-44-5	4-Methylphenol	75.8		10	1.6
95-48-7	2-Methylphenol	74.2		10	1.7
88-74-4	2-Nitroaniline	92.6		20	5.8
67-72-1	Hexachloroethane	82.2		1.0	0.51
98-95-3	Nitrobenzene	86.8		1.0	0.42
59-50-7	4-Chloro-3-methylphenol	87.4		10	2.0
78-59-1	Isophorone	92.1		10	3.7
88-75-5	2-Nitrophenol	84.8		10	3.5
7005-72-3	4-Chlorophenyl phenyl ether	93.7		10	4.0
105-67-9	2,4-Dimethylphenol	88.2		10	2.6
100-01-6	4-Nitroaniline	81.5		20	4.1
100-02-7	4-Nitrophenol	21.8	J	31	2.4
111-91-1	Bis(2-chloroethoxy)methane	90.1		10	3.5
1912-24-9	Atrazine	85.8		10	4.9
91-20-3	Naphthalene	160		10	3.7
106-47-8	4-Chloroaniline	78.8		10	2.1
50-32-8	Benzo[a]pyrene	85.6		1.0	0.18
87-68-3	Hexachlorobutadiene	82.0		2.0	0.96
207-08-9	Benzo[k]fluoranthene	91.9		1.0	0.31
105-60-2	Caprolactam	15.0		10	0.51
86-74-8	Carbazole	94.1		10	3.1
77-47-4	Hexachlorocyclopentadiene	67.3		10	4.7
53-70-3	Dibenz(a,h)anthracene	90.8		1.0	0.16
95-95-4	2,4,5-Trichlorophenol	89.8		10	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-003 | Lab Sample ID: 460-10889-3 MSD

Matrix: Water | Lab File ID: z8515.d

Analysis Method: 8270C | Date Collected: 03/01/2010 14:00

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) | Date Analyzed: 03/06/2010 01:29

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	99.6		10	3.3
91-58-7	2-Chloronaphthalene	92.4		10	3.8
206-44-0	Fluoranthene	95.1		10	2.7
86-73-7	Fluorene	93.9		10	3.3
606-20-2	2,6-Dinitrotoluene	94.2		2.0	0.60
208-96-8	Acenaphthylene	91.0		10	4.1
99-09-2	3-Nitroaniline	84.2		20	4.4
621-64-7	N-Nitrosodi-n-propylamine	98.2		1.0	0.33
83-32-9	Acenaphthene	102		10	3.8
51-28-5	2,4-Dinitrophenol	91.1		31	4.9
132-64-9	Dibenzofuran	94.6		10	3.7
84-66-2	Diethyl phthalate	91.9		10	3.9
534-52-1	4,6-Dinitro-2-methylphenol	96.3		31	5.3
86-30-6	N-Nitrosodiphenylamine	101		10	3.9
101-55-3	4-Bromophenyl phenyl ether	92.7		10	4.0
118-74-1	Hexachlorobenzene	92.5		1.0	0.28
87-86-5	Pentachlorophenol	94.6		31	5.2
85-01-8	Phenanthrene	94.4		10	3.6
120-12-7	Anthracene	93.6		10	3.6
84-74-2	Di-n-butyl phthalate	91.2		10	2.8
129-00-0	Pyrene	87.8		10	4.4
85-68-7	Butyl benzyl phthalate	90.2		10	2.8
91-94-1	3,3'-Dichlorobenzidine	96.6		20	7.1
56-55-3	Benzo[a]anthracene	95.8		1.0	0.28
218-01-9	Chrysene	95.5		10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	92.0		10	2.4
117-84-0	Di-n-octyl phthalate	85.7		10	1.9
205-99-2	Benzo[b]fluoranthene	87.8		1.0	0.21
193-39-5	Indeno[1,2,3-cd]pyrene	98.7		1.0	0.12
191-24-2	Benzo[g,h,i]perylene	96.4		10	2.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-003 Lab Sample ID: 460-10889-3 MSD

Matrix: Water Lab File ID: z8515.d

Analysis Method: 8270C Date Collected: 03/01/2010 14:00

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/06/2010 01:29

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 31598 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	95	50-119	
321-60-8	2-Fluorobiphenyl	88	61-112	
367-12-4	2-Fluorophenol (Surr)	40	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	81	61-120	
4165-62-2	Phenol-d5 (Surr)	32	9-48	
1718-51-0	Terphenyl-d14 (Surr)	80	41-124	

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8515.d
Report Date: 07-Mar-2010 14:24

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8515.d
Lab Smp Id: 460-10889-E-3-A MSD Client Smp ID: GW-017338-030110-AC
Inj Date : 06-MAR-2010 01:29
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-E-3-A MSD
Misc Info : 460-10889-E-3-A MSD
Comment   :
Method   : /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/8270Cdel_08.m
Meth Date : 05-Mar-2010 23:23 asfawa Quant Type: ISTD
Cal Date : 05-MAR-2010 20:33 Cal File: z8504.d
Als bottle: 13 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	106 1,4-Dioxane	88	1.484	1.490	(0.365)	231087	20.8683	42
	19 N-Nitrosodimethylamine	74	1.690	1.696	(0.416)	328976	21.0041	43
	71 Pyridine	79	1.719	1.725	(0.423)	472102	18.2561	37
$	16 2-Fluorophenol (SUR)	112	2.790	2.790	(0.686)	453747	20.2031	41
	110 Benzaldehyde	77	3.619	3.619	(0.890)	603651	122.544	250(AR)
$	17 Phenol-d5 (SUR)	99	3.701	3.707	(0.910)	414965	16.1530	33
	1 Phenol	94	3.713	3.725	(0.913)	493856	18.9611	39
	73 Aniline	93	3.731	3.737	(0.918)	954078	29.1247	59
	20 bis(2-Chloroethyl)ether	93	3.801	3.807	(0.935)	993520	43.5097	89
	2 2-Chlorophenol	128	3.854	3.860	(0.948)	819446	36.4297	74
	21 1,3-Dichlorobenzene	146	4.013	4.013	(0.987)	938906	39.8497	81
*	79 1,4-Dichlorobenzene-d4	152	4.066	4.066	(1.000)	563901	40.0000	
	22 1,4-Dichlorobenzene	146	4.084	4.084	(1.004)	895976	39.1592	80
	74 Benzyl Alcohol	108	4.213	4.213	(1.036)	426486	29.4006	60
	23 1,2-Dichlorobenzene	146	4.237	4.237	(1.042)	853663	39.6587	81

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8515.d
Report Date: 07-Mar-2010 14:24

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/L)
	3 2-Methylphenol	108	4.337	4.337	(1.067)	662277	36.3525	74
	24 bis (2-chloroisopropyl) ether	45	4.354	4.354	(1.071)	1789119	44.9721	92
	4 4-Methylphenol	108	4.496	4.496	(1.106)	513047	37.1583	76
	121 3 & 4 Methylphenol	108	4.496	4.496	(1.106)	513047	37.1583	76
	104 Acetophenone	105	4.484	4.484	(1.103)	1119971	48.1678	98
	25 N-Nitroso-di-n-propylamine	70	4.496	4.490	(1.106)	601677	48.1262	98
	26 Hexachloroethane	117	4.584	4.584	(1.127)	416571	40.2760	82
$	76 Nitrobenzene-d5 (SUR)	82	4.637	4.631	(0.865)	979523	40.5358	83
	107 N,N-Dimethylaniline	120	4.660	4.660	(1.146)	1061520	39.7677	81
	27 Nitrobenzene	77	4.654	4.654	(0.868)	1174662	42.5425	87
	28 Isophorone	82	4.901	4.895	(0.914)	1654068	45.1392	92
	6 2,4-Dimethylphenol	122	5.037	5.031	(0.940)	678164	43.2179	88
	5 2-Nitrophenol	139	4.978	4.972	(0.929)	422090	41.5545	85
	29 bis(2-Chloroethoxy)methane	93	5.131	5.125	(0.957)	982075	44.1530	90
	7 2,4-Dichlorophenol	162	5.225	5.219	(0.975)	566846	43.7686	89
	30 1,2,4-Trichlorobenzene	180	5.307	5.307	(0.990)	643562	40.6317	83
*	80 Naphthalene-d8	136	5.360	5.360	(1.000)	1946710	40.0000	
	31 Naphthalene	128	5.384	5.378	(1.004)	3948782	78.4963	160(R)
	32 4-Chloroaniline	127	5.443	5.437	(1.015)	744078	38.5963	79
	33 Hexachlorobutadiene	225	5.519	5.519	(1.030)	389268	40.1964	82
	111 Caprolactam	113	5.801	5.801	(1.082)	29095	7.35067	15
	8 4-Chloro-3-methylphenol	107	5.943	5.942	(1.109)	566354	42.8481	87
	34 2-Methylnaphthalene	142	6.078	6.078	(1.134)	1290178	46.2623	94
	35 Hexachlorocyclopentadiene	237	6.248	6.248	(0.878)	326920	32.9713	67
	9 2,4,6-Trichlorophenol	196	6.366	6.366	(0.895)	354760	46.8237	96
	10 2,4,5-Trichlorophenol	196	6.401	6.401	(0.900)	347467	44.0142	90
$	77 2-Fluorobiphenyl (SUR)	172	6.454	6.448	(0.907)	1289862	44.2356	90
	102 Diphenyl	154	6.548	6.548	(0.921)	1438989	47.4377	97
	36 2-Chloronaphthalene	162	6.566	6.560	(0.923)	1066914	45.2780	92
	103 Diphenyl Ether	170	6.654	6.654	(0.935)	740679	45.6039	93
	37 2-Nitroaniline	65	6.672	6.666	(0.938)	479000	45.3920	93
	38 Dimethylphthalate	163	6.866	6.860	(0.965)	1036272	48.8252	100
	40 2,6-Dinitrotoluene	165	6.913	6.913	(0.972)	243533	46.1376	94
	39 Acenaphthylene	152	6.972	6.972	(0.980)	1552751	44.5926	91
	41 3-Nitroaniline	138	7.078	7.078	(0.995)	233541	41.2736	84
*	82 Acenaphthene-d10	164	7.113	7.113	(1.000)	784436	40.0000	
	42 Acenaphthene	154	7.148	7.142	(1.005)	979402	49.7467	100
	11 2,4-Dinitrophenol	184	7.178	7.178	(1.009)	121772	44.6533	91
	12 4-Nitrophenol	65	7.254	7.254	(1.020)	47247	10.6871	22(a)
	43 Dibenzofuran	168	7.319	7.319	(1.029)	1277547	46.3609	95
	44 2,4-Dinitrotoluene	165	7.307	7.307	(1.027)	258976	48.3123	98
	45 Diethylphthalate	149	7.560	7.560	(1.063)	895797	45.0387	92
	46 4-Chlorophenyl-phenylether	204	7.660	7.660	(1.077)	457311	45.8919	94
	47 Fluorene	166	7.654	7.654	(1.076)	925112	45.9889	94
	48 4-Nitroaniline	138	7.678	7.678	(1.079)	193873	39.9460	82
	13 4,6-Dinitro-2-methylphenol	198	7.713	7.707	(0.900)	153670	47.2021	96
	49 N-Nitrosodiphenylamine	169	7.778	7.778	(0.907)	651811	49.2541	100

Data File: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b/z8515.d
Report Date: 07-Mar-2010 14:24

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/L)
	75 1,2-Diphenylhydrazine	77	7.819	7.813	(0.912)	1404051	46.5260	95
$	18 2,4,6-Tribromophenol (SUR)	330	7.895	7.889	(1.110)	162917	47.3100	96
	50 4-Bromophenyl-phenylether	248	8.142	8.136	(0.950)	271828	45.4298	93
	112 Atrazine	200	8.313	8.313	(0.970)	179365	42.0527	86
	51 Hexachlorobenzene	284	8.207	8.201	(0.957)	307249	45.3475	92
	14 Pentachlorophenol	266	8.395	8.395	(0.979)	163655	46.3587	95
*	83 Phenanthrene-d10	188	8.572	8.572	(1.000)	878018	40.0000	
	52 Phenanthrene	178	8.595	8.595	(1.003)	1160986	46.2442	94
	53 Anthracene	178	8.648	8.642	(1.009)	1168729	45.8414	94
	54 Carbazole	167	8.807	8.807	(1.027)	901110	46.0910	94
	55 Di-n-butylphthalate	149	9.172	9.166	(1.070)	1123726	44.6646	91
	56 Fluoranthene	202	9.766	9.760	(1.139)	975466	46.5855	95
	58 Benzidine	184	9.901	9.895	(1.155)	14025	8.51976	17(a)
	57 Pyrene	202	9.983	9.983	(0.884)	965829	43.0038	88
$	78 Terphenyl-d14	244	10.148	10.148	(0.899)	635601	39.9085	81
	59 Butylbenzylphthalate	149	10.672	10.666	(0.945)	367360	44.1757	90
	63 bis(2-Ethylhexyl)phthalate	149	11.354	11.342	(1.006)	471236	45.0620	92
	60 3,3'-Dichlorobenzidine	252	11.260	11.248	(0.997)	186254	47.3566	97
	61 Benzo(a)anthracene	228	11.277	11.272	(0.999)	675265	46.9538	96
*	81 Chrysene-d12	240	11.289	11.283	(1.000)	517080	40.0000	
	62 Chrysene	228	11.319	11.313	(1.003)	657640	46.7885	95
	64 Di-n-octylphthalate	149	12.183	12.171	(0.927)	674914	42.0113	86
	65 Benzo(b)fluoranthene	252	12.636	12.624	(0.962)	525927	43.0432	88
	66 Benzo(k)fluoranthene	252	12.672	12.660	(0.964)	583509	45.0373	92
	67 Benzo(a)pyrene	252	13.060	13.048	(0.994)	436427	41.9678	86
*	84 Perylene-d12	264	13.142	13.130	(1.000)	403106	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.571	14.560	(1.109)	376652	48.3705	99
	69 Dibenz(a,h)anthracene	278	14.613	14.595	(1.112)	392459	44.4844	91
	70 Benzo(g,h,i)perylene	276	14.954	14.942	(1.138)	414121	47.2174	96

QC Flag Legend

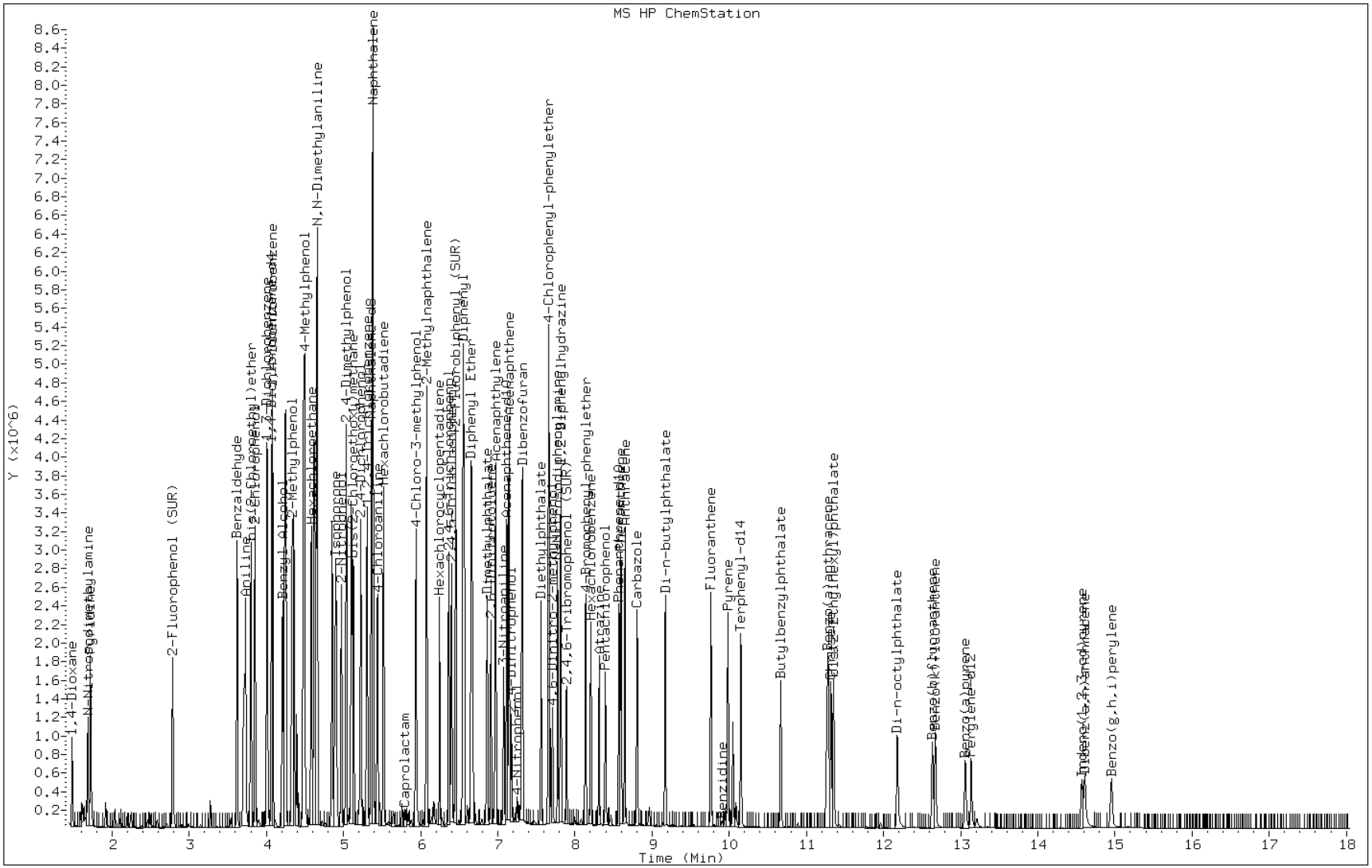
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: z8515.d

Date: 06-MAR-2010 01:29

Client ID: GW-017338-030110-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-3-A MSD Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-003 Lab Sample ID: 460-10889-3 MSD

Matrix: Water Lab File ID: z8986.d

Analysis Method: 8270C Date Collected: 03/01/2010 14:00

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/22/2010 19:53

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32805 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	61.8		10	1.4

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	98	61-112	
4165-60-0	Nitrobenzene-d5 (Surr)	84	61-120	
1718-51-0	Terphenyl-d14 (Surr)	96	41-124	

Data File: /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8986.d
Report Date: 23-Mar-2010 13:35

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/z8986.d
Lab Smp Id: 460-10889-E-3-A MSD Client Smp ID: GW-017338-030110-AC
Inj Date : 22-MAR-2010 19:53
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-10889-E-3-A MSD
Misc Info : 460-10889-E-3-A MSD
Comment   :
Method   : /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b/8270del_Benz.m
Meth Date : 23-Mar-2010 13:34 rusin Quant Type: ISTD
Cal Date : 22-MAR-2010 14:34 Cal File: z8973.d
Als bottle: 22 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
110 Benzaldehyde	77	3.095	3.090	(0.872)	599780	30.2652	62(R)
* 79 1,4-Dichlorobenzene-d4	152	3.548	3.543	(1.000)	588328	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.131	4.113	(0.852)	1014781	41.8411	85
* 80 Naphthalene-d8	136	4.848	4.843	(1.000)	2083037	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	5.954	5.948	(0.902)	1510802	48.8404	100
* 82 Acenaphthene-d10	164	6.601	6.595	(1.000)	923641	40.0000	
* 83 Phenanthrene-d10	188	8.042	8.042	(1.000)	1082360	40.0000	
$ 78 Terphenyl-d14	244	9.619	9.619	(0.903)	746695	47.8236	98
* 81 Chrysene-d12	240	10.648	10.642	(1.000)	609301	40.0000	
* 84 Perylene-d12	264	12.330	12.324	(1.000)	428389	40.0000	

QC Flag Legend

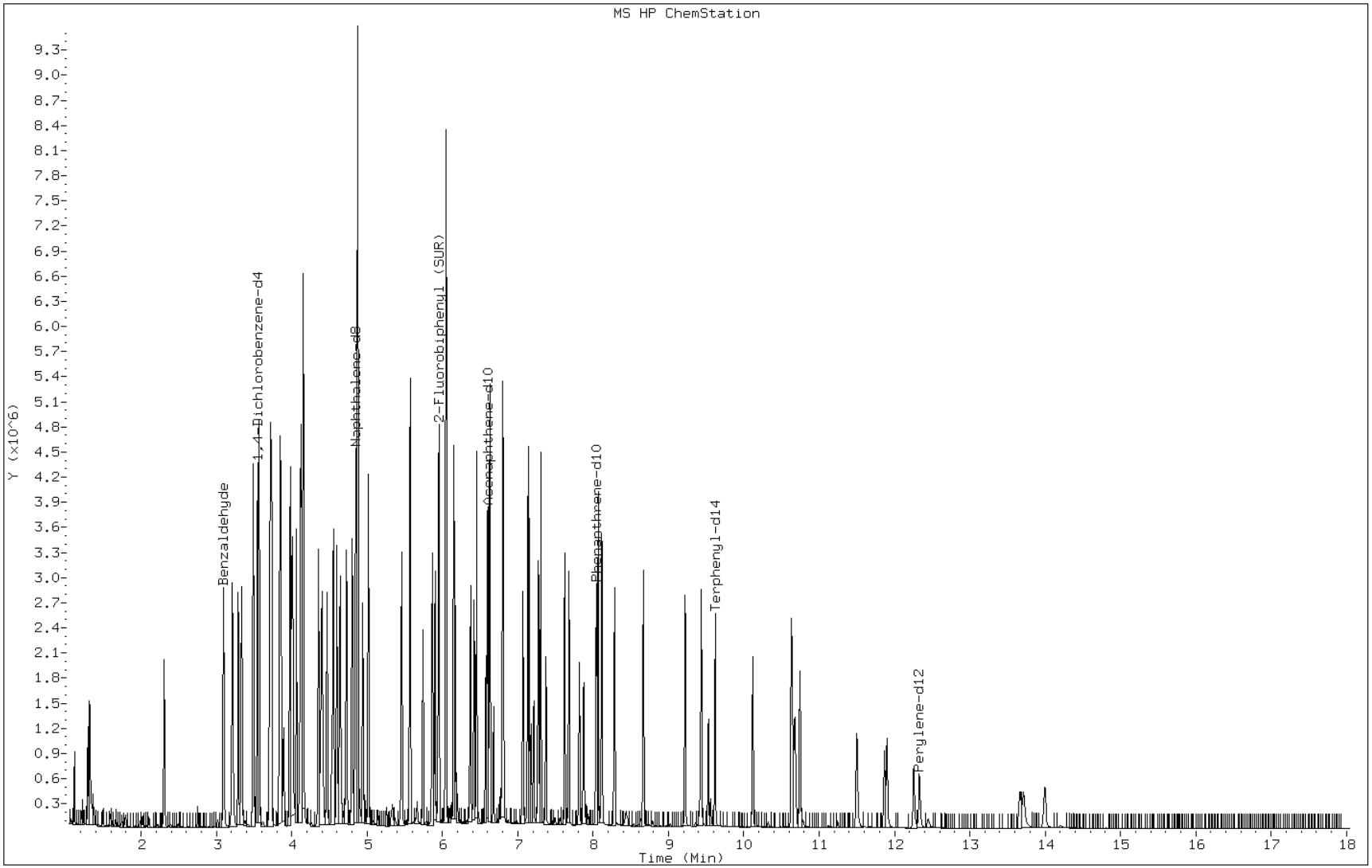
R - Spike/Surrogate failed recovery limits.

Data File: z8986.d

Date: 22-MAR-2010 19:53

Client ID: GW-017338-030110-AC Instrument: BNAMS11.i

Sample Info: 460-10889-E-3-A MSD Operator: BNAMS 4



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/05/2010 20:11

Analysis Batch Number: 31598 End Date: 03/06/2010 07:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-31598/1		03/05/2010 20:11	1	z8503.d	Rtx-5MS 0.25(mm)
ICIS 460-31598/2		03/05/2010 20:33	1	z8504.d	Rtx-5MS 0.25(mm)
IC 460-31598/3		03/05/2010 20:57	1	z8505.d	Rtx-5MS 0.25(mm)
IC 460-31598/4		03/05/2010 21:21	1	z8506.d	Rtx-5MS 0.25(mm)
IC 460-31598/5		03/05/2010 21:45	1	z8507.d	Rtx-5MS 0.25(mm)
IC 460-31598/6		03/05/2010 22:09	1	z8508.d	Rtx-5MS 0.25(mm)
LCS 460-31280/2-A		03/06/2010 00:05	1	z8512.d	Rtx-5MS 0.25(mm)
460-10889-3	GW-017338-030110-ACH-003	03/06/2010 00:41	1	z8513.d	Rtx-5MS 0.25(mm)
460-10889-3 MS	GW-017338-030110-ACH-003 MS	03/06/2010 01:05	1	z8514.d	Rtx-5MS 0.25(mm)
460-10889-3 MSD	GW-017338-030110-ACH-003 MSD	03/06/2010 01:29	1	z8515.d	Rtx-5MS 0.25(mm)
460-10889-1	GW-017338-030110-ACH-001	03/06/2010 01:53	1	z8516.d	Rtx-5MS 0.25(mm)
460-10889-2	GW-017338-030110-ACH-002	03/06/2010 02:17	1	z8517.d	Rtx-5MS 0.25(mm)
460-10889-4	GW-017338-030110-ACH-004	03/06/2010 02:41	1	z8518.d	Rtx-5MS 0.25(mm)
460-10889-5	GW-017338-030210-RAM-005	03/06/2010 03:06	1	z8519.d	Rtx-5MS 0.25(mm)
460-10889-6	EB-017338-030210-ACH-006	03/06/2010 03:29	1	z8520.d	Rtx-5MS 0.25(mm)
460-10889-7	GW-017338-030210-RAM-007	03/06/2010 03:54	1	z8521.d	Rtx-5MS 0.25(mm)
460-10889-8	GW-017338-030210-ACH-008	03/06/2010 04:18	1	z8522.d	Rtx-5MS 0.25(mm)
460-10889-9	GW-017338-030210-RAM-009	03/06/2010 04:42	1	z8523.d	Rtx-5MS 0.25(mm)
460-10889-10	GW-017338-030210-ACH-010	03/06/2010 05:06	1	z8524.d	Rtx-5MS 0.25(mm)
460-10889-11	GW-017338-030210-RAM-011	03/06/2010 05:30	1	z8525.d	Rtx-5MS 0.25(mm)
460-10889-12	GW-017338-030210-ACH-012	03/06/2010 05:54	1	z8526.d	Rtx-5MS 0.25(mm)
460-10889-13	GW-017338-030210-ACH-013	03/06/2010 06:18	1	z8527.d	Rtx-5MS 0.25(mm)
460-10889-14	GW-017338-030310-ACH-014	03/06/2010 06:42	1	z8528.d	Rtx-5MS 0.25(mm)
460-10889-15	GW-017338-030310-RAM-015	03/06/2010 07:06	1	z8529.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/06/2010 07:30

Analysis Batch Number: 31602 End Date: 03/06/2010 07:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-31602/1		03/06/2010 07:30	1	z8530.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/07/2010 14:47

Analysis Batch Number: 31814 End Date: 03/07/2010 20:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-31814/1		03/07/2010 14:47	1	z8548.d	Rtx-5MS 0.25(mm)
CCVIS 460-31814/2		03/07/2010 15:08	1	z8549.d	Rtx-5MS 0.25(mm)
MB 460-31376/1-A		03/07/2010 15:38	1	z8550.d	Rtx-5MS 0.25(mm)
LCS 460-31376/2-A		03/07/2010 16:02	1	z8551.d	Rtx-5MS 0.25(mm)
LCSD 460-31376/3-A		03/07/2010 16:27	1	z8552.d	Rtx-5MS 0.25(mm)
460-10889-16	GW-017338-030310-ACH-016	03/07/2010 16:51	1	z8553.d	Rtx-5MS 0.25(mm)
460-10889-17	GW-017338-030310-RAM-017	03/07/2010 17:15	1	z8554.d	Rtx-5MS 0.25(mm)
460-10889-18	GW-017338-030310-ACH-018	03/07/2010 17:40	1	z8555.d	Rtx-5MS 0.25(mm)
460-10889-19	GW-017338-030310-RAM-019	03/07/2010 18:04	1	z8556.d	Rtx-5MS 0.25(mm)
460-10889-20	GW-017338-030310-ACH-020	03/07/2010 18:28	1	z8557.d	Rtx-5MS 0.25(mm)
460-10889-21	GW-017338-030310-RAM-021	03/07/2010 18:52	1	z8558.d	Rtx-5MS 0.25(mm)
MB 460-31280/1-A		03/07/2010 20:05	1	z8561.d	Rtx-5MS 0.25(mm)
460-10889-13 DL	GW-017338-030210-ACH-013 DL	03/07/2010 20:30	2	z8562.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/07/2010 19:17

Analysis Batch Number: 31815 End Date: 03/07/2010 19:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-31815/1		03/07/2010 19:17	1	z8559.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/07/2010 20:54

Analysis Batch Number: 31816 End Date: 03/07/2010 20:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-31816/1		03/07/2010 20:54	1	z8563.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/08/2010 14:52

Analysis Batch Number: 31823 End Date: 03/08/2010 16:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-31823/1		03/08/2010 14:52	1	z8569.d	Rtx-5MS 0.25(mm)
CCVIS 460-31823/2		03/08/2010 15:06	1	z8570.d	Rtx-5MS 0.25(mm)
460-10889-19 DL	GW-017338-030310-RAM-019 DL	03/08/2010 16:02	5	z8572.d	Rtx-5MS 0.25(mm)
460-10889-21 DL	GW-017338-030310-RAM-021 DL	03/08/2010 16:26	10	z8573.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/08/2010 16:51

Analysis Batch Number: 31824 End Date: 03/08/2010 16:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-31824/1		03/08/2010 16:51	1	z8574.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/09/2010 09:19

Analysis Batch Number: 31833 End Date: 03/09/2010 15:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-31833/1		03/09/2010 09:19	1	z8576.d	Rtx-5MS 0.25(mm)
ICIS 460-31833/2		03/09/2010 12:03	1	z8582.d	Rtx-5MS 0.25(mm)
IC 460-31833/3		03/09/2010 12:27	1	z8583.d	Rtx-5MS 0.25(mm)
IC 460-31833/4		03/09/2010 12:52	1	z8584.d	Rtx-5MS 0.25(mm)
IC 460-31833/5		03/09/2010 13:16	1	z8585.d	Rtx-5MS 0.25(mm)
IC 460-31833/6		03/09/2010 13:41	1	z8586.d	Rtx-5MS 0.25(mm)
460-10889-19	GW-017338-030310-RAM-019	03/09/2010 15:35	1	z8590.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/09/2010 15:59

Analysis Batch Number: 31835 End Date: 03/09/2010 15:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-31835/1		03/09/2010 15:59	1	z8591.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/10/2010 10:35

Analysis Batch Number: 31837 End Date: 03/10/2010 12:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-31837/1		03/10/2010 10:35	1	z8631.d	Rtx-5MS 0.25(mm)
CCVIS 460-31837/2		03/10/2010 11:51	1	z8634.d	Rtx-5MS 0.25(mm)
460-10889-12	GW-017338-030210-ACH-012	03/10/2010 12:42	1	z8636.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/10/2010 13:09

Analysis Batch Number: 31838 End Date: 03/10/2010 13:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-31838/1		03/10/2010 13:09	1	z8637.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/22/2010 11:14

Analysis Batch Number: 32805 End Date: 03/22/2010 19:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-32805/1		03/22/2010 11:14	1	z8965.d	Rtx-5MS 0.25(mm)
ICIS 460-32805/2		03/22/2010 14:34	1	z8973.d	Rtx-5MS 0.25(mm)
IC 460-32805/3		03/22/2010 14:59	1	z8974.d	Rtx-5MS 0.25(mm)
IC 460-32805/4		03/22/2010 15:23	1	z8975.d	Rtx-5MS 0.25(mm)
IC 460-32805/5		03/22/2010 15:48	1	z8976.d	Rtx-5MS 0.25(mm)
IC 460-32805/6		03/22/2010 16:13	1	z8977.d	Rtx-5MS 0.25(mm)
LCS 460-31376/2-A		03/22/2010 17:27	1	z8980.d	Rtx-5MS 0.25(mm)
LCSD 460-31376/3-A		03/22/2010 17:51	1	z8981.d	Rtx-5MS 0.25(mm)
LCS 460-31280/2-A		03/22/2010 18:40	1	z8983.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2010 19:04	1		Rtx-5MS 0.25(mm)
460-10889-3 MS	GW-017338-030110-ACH-003 MS	03/22/2010 19:28	1	z8985.d	Rtx-5MS 0.25(mm)
460-10889-3 MSD	GW-017338-030110-ACH-003 MSD	03/22/2010 19:53	1	z8986.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 03/22/2010 20:17

Analysis Batch Number: 32807 End Date: 03/22/2010 20:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-32807/1		03/22/2010 20:17	1	z8987.d	Rtx-5MS 0.25(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b

Date Generated: 03/07/2010

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												3 15 98
03/05/10 2011	z8503.d	1	DFTPP-284095			0	0	1	2.0	all	4326	a
03/05/10 2033	z8504.d	2	ICIS-376365			1000	2	1	1.0	all	4339	a
03/05/10 2057	z8505.d	3	IC-376350			1000	2	1	1.0	all	4339	a
03/05/10 2121	z8506.d	4	IC-376346			1000	2	1	1.0	all	4339	a
03/05/10 2145	z8507.d	5	IC-376349			1000	2	1	1.0	all	4339	a
03/05/10 2209	z8508.d	6	IC-376347			1000	2	1	1.0	all	4339	a
03/05/10 2340	z8511.d	9	MB 460-31280/1-A	05mar10a		1000	2	1	1.0	all		NC Low Level hits RD
03/06/10 0005	z8512.d	10	LCS 460-31280/2-A	05mar10a		1000	2	1	1.0	all		a
03/06/10 0041	z8513.d	11	460-10889-F-3-B	460-31280	03/05/10	980	2	1	1.0	all		a
03/06/10 0105	z8514.d	12	460-10889-F-3-A MS	460-31280	03/05/10	980	2	1	1.0	all		a
03/06/10 0129	z8515.d	13	460-10889-E-3-A MSD	460-31280	03/05/10	980	2	1	1.0	all		a
03/06/10 0153	z8516.d	14	460-10889-E-1-A	460-31280	03/05/10	980	2	1	1.0	all		a
03/06/10 0217	z8517.d	15	460-10889-F-2-A	460-31280	03/05/10	980	2	1	1.0	all		a
03/06/10 0241	z8518.d	16	460-10889-F-4-A	460-31280	03/05/10	980	2	1	1.0	all		a

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/03-05-10adel/05mar10a.b

Date Generated: 03/07/2010

Page 2

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
03/06/10 0306	z8519.d	17	460-10889-F-5-A	460-31280	03/05/10	980	2	1	1.0	all		a
03/06/10 0329	z8520.d	18	460-10889-F-6-A	460-31280	03/05/10	950	2	1	1.0	all		a
03/06/10 0354	z8521.d	19	460-10889-F-7-A	460-31280	03/05/10	960	2	1	1.0	all		a
03/06/10 0418	z8522.d	20	460-10889-E-8-A	460-31280	03/05/10	980	2	1	1.0	all		a
03/06/10 0442	z8523.d	21	460-10889-F-9	05mar10a		1000	2	1	1.0	all		a
03/06/10 0506	z8524.d	22	460-10889-E-10-A	460-31280	03/05/10	950	2	1	1.0	all		a
03/06/10 0530	z8525.d	23	460-10889-F-11-A	460-31280	03/05/10	980	2	1	1.0	all		a
03/06/10 0554	z8526.d	24	460-10889-E-12-A	460-31280	03/05/10	980	2	1	1.0	all		a
03/06/10 0618	z8527.d	25	460-10889-F-13-A	460-31280	03/05/10	980	2	1	1.0	all		RR 2x
03/06/10 0642	z8528.d	26	460-10889-F-14-A	460-31280	03/05/10	980	2	1	1.0	all		a
03/06/10 0706	z8529.d	27	460-10889-F-15-A	460-31280	03/05/10	980	2	1	1.0	all		a
03/06/10 0730	z8530.d	28	end chk	05mar10a		1000	2	1	1.0	all		a

Signed: W

3/1/10

Date:

Read and Understood by:

03.09.10

Date:

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b

Date Generated: 03/09/2010

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												31814
03/07/10 1447	z8548.d	1	DFTPP-284095	—	—	0	0	1	2.0	all	4426	G
03/07/10 1508	z8549.d	2	CCVIS-376365	—	—	1000	2	1	1.0	all	4439	G no benzaldehyde benzidine
03/07/10 1538	z8550.d	3	MB 460-31376/1-A	460-31376	—	1000	2	1	1.0	all	—	G 1,4-Dioxane 1,2-dichlorobenzene (a) value
03/07/10 1602	z8551.d	4	LCS 460-31376/2-A	460-31376	—	1000	2	1	1.0	all	—	G
03/07/10 1627	z8552.d	5	LCSD 460-31376/3-A	460-31376	—	1000	2	1	1.0	all	—	G
03/07/10 1651	z8553.d	6	460-10889-E-16-A	460-31376	03/05/10	1000	2	1	1.0	all	—	G
03/07/10 1715	z8554.d	7	460-10889-F-17-A	460-31376	03/05/10	1000	2	1	1.0	all	—	G
03/07/10 1740	z8555.d	8	460-10889-F-18-A	460-31376	03/05/10	1000	2	1	1.0	all	—	G
03/07/10 1804	z8556.d	9	460-10889-F-19-A	460-31376	03/05/10	1000	2	1	1.0	all	—	benzaldehyde mt - Need to run under Special list RR 10x lower low (210%)
03/07/10 1828	z8557.d	10	460-10889-F-20-A	460-31376	03/05/10	1000	2	1	1.0	all	—	G lower low (210%)
03/07/10 1852	z8558.d	11	460-10889-F-21-A	460-31376	03/05/10	1000	2	1	1.0	all	—	RR 10x
03/07/10 1917	z8559.d	12	end chk	—	—	1000	2	1	1.0	all	—	G end check
03/07/10 1941	z8560.d	13	blk	07mar10bbr	—	1000	2	1	1.0	all	—	—
03/07/10 2005	z8561.d	14	MB 460-31280/1-A	460-31280	—	1000	2	1	1.0	all	—	~~Not reported~~ G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/03-05-10adel/07mar10b.b

Date Generated: 03/09/2010

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
03/07/10 2030	z8562.d	15	460-10889-F-13-A	460-31280	03/05/10	980	2	2	1.0	all	-	6
03/07/10 2054	z8563.d	16	end chk	-	-	1000	2	1	1.0	all	-	6 end check
03/07/10 2118	z8564.d	17	blk	07mar10cbr	-	1000	2	1	1.0	all	-	-

Signed: Michael Morris Read and Understood by: [signature]

Date: 3/9/10 Date: 03.09.10

03/24/2010

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TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/03-05-10adel/08mar10a.b

Date Generated: 03/09/2010

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												~~38123~~ 31823
03/08/10 1452	z8569.d	1	DFTPP-284095	—	—	0	0	1	2.0	all	4426	6
03/08/10 1506	z8570.d	2	CCVIS-376365	—	—	1000	2	1	1.0	all	4434	6 no benzaldehyde benzidine 1,4-Dichlorane
03/08/10 1538	z8571.d	3	MB 460-31376/1-A	460-31376	—	1000	2	1	1.0	all	—	ost reported
03/08/10 1602	z8572.d	4	460-10889-F-19-A	460-31376	03/05/10	1000	2	5	1.0	all	—	report w/ 28552 6 but need to report for benzaldehyde
03/08/10 1626	z8573.d	5	460-10889-F-21-A	460-31376	03/05/10	1000	2	10	1.0	all	—	report w/ 28558 6 surr diluted out
03/08/10 1651	z8574.d	6	CCV-376365	—	—	1000	2	1	1.0	all	—	6 end check
03/09/10 0805	z8575.d	7	ISTD 4444B	08mar10a	—	1000	2	1	1.0	all	—	—

Signed: Michael Rocco Read and Understood by:

Date: 3/9/10 Date: 03.11.10

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/03-09-10benzdel/09mar10a.b

Date Generated: 03/10/2010

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												31833
03/09/10 0919	z8576.d	1	DFTPP-284095	—	—	0	0	1	2.0	all	4426	G
03/09/10 1203	z8582.d	7	ICIS-396218	—	—	1000	2	1	1.0	all	4446	G
03/09/10 1227	z8583.d	8	IC-396216	—	—	1000	2	1	1.0	all	4446	G
03/09/10 1252	z8584.d	9	IC-396252	—	—	1000	2	1	1.0	all	4446	G
03/09/10 1316	z8585.d	10	IC-396217	—	—	1000	2	1	1.0	all	4446	G
03/09/10 1341	z8586.d	11	IC-396253	—	—	1000	2	1	1.0	all	4446	G
03/09/10 1439	z8588.d	13	ICV	09mar10a	—	1000	1	1	1.0	all	4433	not reported
03/09/10 1510	z8589.d	14	MB 460-31376/1-A	460-31376	—	1000	2	1	1.0	all	—	not reported
03/09/10 1535	z8590.d	15	460-10889-F-19-A	460-31376	03/05/10	1000	2	1	1.0	all	—	G
03/09/10 1559	z8591.d	16	CCV-396218	—	—	1000	2	1	1.0	all	4446	G end check
03/09/10 1624	z8592.d	17	blk	09mar10a	—	1000	2	1	1.0	all	—	—
03/09/10 1656	z8593.d	18	MB 460-31280/1-A	460-31280	—	1000	2	1	1.0	all	—	not reported
03/09/10 1721	z8594.d	19	460-10889-E-12-A	460-31280	03/05/10	980	2	1	1.0	all	—	No end check Pass wrong standard entered
03/09/10 1745	z8595.d	20	CCV-396218	—	—	1000	2	1	1.0	all	4439	No check Pass

8270 del benzaldehyde range good

Ar benzaldehyde only

Signed: Michael Morris 3/10/10 Read and Understood by: 03.11.10

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/03-09-10benzdel/10mar10.b

Date Generated: 03/11/2010

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												31837
03/10/10 1035	z8631.d	1	DFTPP-284095	—	—	0	0	1	2.0	all	4426	6
03/10/10 1151	z8634.d	4	CCVIS-396218	—	—	1000	2	1	1.0	all	4446	6
03/10/10 1218	z8635.d	5	MB 460-31280/1-A	~~10mar10~~ (M) 3/11/10 460-31280	—	1000	2	1	1.0	all	—	not reported
03/10/10 1242	z8636.d	6	460-10889-E-12-A	460-31280	03/05/10	980	2	1	1.0	all	—	6
03/10/10 1309	z8637.d	7	CCV-396218	~	—	1000	2	1	1.0	all	4446	6 end check

Signed: Michael Rocco Read and Understood by: [signature]

Date: 3/11/10 Date: 03.11.10

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10.b

Date Generated: 03/23/2010

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												32805
03/22/10 1114	z8965.d	1	DFTPP-284095	—	—	0	0	1	2.0	all	4406	6
03/22/10 1434	z8973.d	9	ICIS-396218	—	—	1000	2	1	1.0	all	4446 4439	6
03/22/10 1459	z8974.d	10	IC-396216	—	—	1000	2	1	1.0	all	4446 4439	6
03/22/10 1523	z8975.d	11	IC-396252	—	—	1000	2	1	1.0	all	4446 4439	03/23/10 6
03/22/10 1548	z8976.d	12	IC-396217	—	—	1000	2	1	1.0	all	4446 4439	6
03/22/10 1613	z8977.d	13	IC-396219	—	—	1000	2	1	1.0	all	4446 4439	6 8270 del range good for benzaldehyde only
03/22/10 1702	z8979.d	15	MB 460-31376/1-A	460-31376	—	1000	2	1	1.0	all	—	not reported
03/22/10 1727	z8980.d	16	LCS 460-31376/2-A	460-31376	—	1000	2	1	1.0	all	—	6
03/22/10 1751	z8981.d	17	LCSD 460-31376/3-A	460-31376	—	1000	2	1	1.0	all	—	6
03/22/10 1815	z8982.d	18	MB 460-31280/1-A	460-31280	—	1000	2	1	1.0	all	—	not report
03/22/10 1840	z8983.d	19	LCS 460-31280/2-A	460-31280	—	1000	2	1	1.0	all	—	6
03/22/10 1904	z8984.d	20	460-10889-F-3-B	460-31280	03/05/10	980	2	1	1.0	all	—	6 QA purpose
03/22/10 1928	z8985.d	21	460-10889-F-3-A MS	460-31280	03/05/10	980	2	1	1.0	all	—	6
03/22/10 1953	z8986.d	22	460-10889-E-3-A MSD	460-31280	03/05/10	980	2	1	1.0	all	—	6

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/03-22-10benzdel/22mar10br.b

Date Generated: 03/23/2010

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
03/22/10 2017	z8987.d	23	benzdel end check	-	-	1000	2	1	1.0	all	-	6

Signed: Michael Moore Read and Understood by: [signature]

Date: 3/23/10 Date: 3-23-10

Organic Prep Worksheet

Batch Number: 460-31280
Method: 3510C
Analyst: Chen, Mandi

Date Open: Mar 05 2010 7:35AM
Batch End: Mar 05 2010 3:00PM

Lab ID	Client ID	Method Chain	Basis	pH of the sample at receipt	Initial weight/volume of sample	Final weight/volume of sample	pH of the sample after first adjustment	pH of the sample after the second adjust	OP625/82SP_00014
MB~460-31280/1		3510C, 8270C		7	1000 mL	2 mL	<2	>12	
LCS~460-31280/2		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1 mL
460-10889-F-3~MS	GW-017338-030110-ACH-003	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	1 mL
460-10889-E-3~MSD	GW-017338-030110-ACH-003	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	1 mL
460-10889-E-1	GW-017338-030110-ACH-001	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	
460-10889-F-2	GW-017338-030110-ACH-002	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	
460-10889-F-3	GW-017338-030110-ACH-003	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	
460-10889-F-4	GW-017338-030110-ACH-004	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	
460-10889-F-5	GW-017338-030210-RAM-005	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	
460-10889-F-6	EB-017338-030210-ACH-006	3510C, 8270C	T	7	950 mL	2 mL	<2	>12	
460-10889-F-7	GW-017338-030210-RAM-007	3510C, 8270C	T	7	960 mL	2 mL	<2	>12	
460-10889-E-8	GW-017338-030210-ACH-008	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	
460-10889-F-9	GW-017338-030210-RAM-009	3510C, 8270C	T	7	950 mL	2 mL	<2	>12	
460-10889-E-10	GW-017338-030210-ACH-010	3510C, 8270C	T	7	950 mL	2 mL	<2	>12	
460-10889-F-11	GW-017338-030210-RAM-011	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	
460-10889-E-12	GW-017338-030210-ACH-012	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	
460-10889-F-13	GW-017338-030210-ACH-013	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	
460-10889-F-14	GW-017338-030310-ACH-014	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	
460-10889-F-15	GW-017338-030310-RAM-015	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	

Organic Prep Worksheet

Batch Number: 460-31280
Method: 3510C
Analyst: Chen, Mandi

Date Open: Mar 05 2010 7:35AM
Batch End: Mar 05 2010 3:00PM

Lab ID	Client ID	Method Chain	Basis	OP625/82SU_00009
MB~460-31280/1		3510C, 8270C		1 mL
LCS~460-31280/2		3510C, 8270C		1 mL
460-10889-F-3~MS	GW-017338-030110-ACH-003	3510C, 8270C	T	1 mL
460-10889-E-3~MSD	GW-017338-030110-ACH-003	3510C, 8270C	T	1 mL
460-10889-E-1	GW-017338-030110-ACH-001	3510C, 8270C	T	1 mL
460-10889-F-2	GW-017338-030110-ACH-002	3510C, 8270C	T	1 mL
460-10889-F-3	GW-017338-030110-ACH-003	3510C, 8270C	T	1 mL
460-10889-F-4	GW-017338-030110-ACH-004	3510C, 8270C	T	1 mL
460-10889-F-5	GW-017338-030210-RAM-005	3510C, 8270C	T	1 mL
460-10889-F-6	EB-017338-030210-ACH-006	3510C, 8270C	T	1 mL
460-10889-F-7	GW-017338-030210-RAM-007	3510C, 8270C	T	1 mL
460-10889-E-8	GW-017338-030210-ACH-008	3510C, 8270C	T	1 mL
460-10889-F-9	GW-017338-030210-RAM-009	3510C, 8270C	T	1 mL
460-10889-E-10	GW-017338-030210-ACH-010	3510C, 8270C	T	1 mL
460-10889-F-11	GW-017338-030210-RAM-011	3510C, 8270C	T	1 mL
460-10889-E-12	GW-017338-030210-ACH-012	3510C, 8270C	T	1 mL
460-10889-F-13	GW-017338-030210-ACH-013	3510C, 8270C	T	1 mL
460-10889-F-14	GW-017338-030310-ACH-014	3510C, 8270C	T	1 mL
460-10889-F-15	GW-017338-030310-RAM-015	3510C, 8270C	T	1 mL

Person's name who did the prep:	MC	Base used for pH adjust Lot #:	OP075
Prep Solvent Name:	MeCl2	Person's name who did the concentration:	MC
Prep Solvent Lot #:	J04E23	Concentration Start Time:	10:00AM
Prep Solvent Volume Used:	180 mL	Concentration End Time:	12:00PM
Person's name who witnessed reagent drop:	JCR	Na2SO4 Lot Number:	H39602
Acid used for pH adjustment:	H2SO4	Oven, Bath or Block Temperature 1:	90
Acid used for pH adjust Lot #:	G35029		
Base used for pH adjustment:	NaOH		

Organic Prep Worksheet

Batch Number: 460-31376
Method: 3510C
Analyst: Borreo, Jeffrey

Date Open: Mar 05 2010 8:00PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	pH of the sample at receipt	Initial weight/volume of sample	Final weight/volume of sample	pH of the sample after first adjustment	pH of the sample after the second adjust	OP625/82SP_00014
MB~460-31376/1		3510C, 8270C		7	1000 mL	2 mL	<2	>12	
LCS~460-31376/2		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1 mL
LCSD~460-31376/3		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1 mL
460-10889-E-16	GW-017338-030310-ACH-016	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	
460-10889-F-17	GW-017338-030310-RAM-017	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	
460-10889-F-18	GW-017338-030310-ACH-018	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	
460-10889-F-19	GW-017338-030310-RAM-019	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	
460-10889-F-20	GW-017338-030310-ACH-020	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	
460-10889-F-21	GW-017338-030310-RAM-021	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	

Organic Prep Worksheet

Batch Number: 460-31376
Method: 3510C
Analyst: Borreo, Jeffrey

Date Open: Mar 05 2010 8:00PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	OP625/82SU_00009
MB~460-31376/1		3510C, 8270C		1 mL
LCS~460-31376/2		3510C, 8270C		1 mL
LCSD~460-31376/3		3510C, 8270C		1 mL
460-10889-E-16	GW-017338-030310-ACH-016	3510C, 8270C	T	1 mL
460-10889-F-17	GW-017338-030310-RAM-017	3510C, 8270C	T	1 mL
460-10889-F-18	GW-017338-030310-ACH-018	3510C, 8270C	T	1 mL
460-10889-F-19	GW-017338-030310-RAM-019	3510C, 8270C	T	1 mL
460-10889-F-20	GW-017338-030310-ACH-020	3510C, 8270C	T	1 mL
460-10889-F-21	GW-017338-030310-RAM-021	3510C, 8270C	T	1 mL

Person's name who did the prep:	jb
Prep Solvent Name:	MeCl2
Prep Solvent Lot #:	j04e23
Prep Solvent Volume Used:	3x60ml mL
Person's name who witnessed reagent drop:	rl
Acid used for pH adjustment:	sulfuric
Acid used for pH adjust Lot #:	g35029
Base used for pH adjustment:	NaOH
Base used for pH adjust Lot #:	OP075
Person's name who did the concentration:	jb
Na2SO4 Lot Number:	h39602

Organic Prep Worksheet

Batch Number: 460-31376
Method: 3510C
Analyst: Borreo, Jeffrey

Date Open: Mar 05 2010 8:00PM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~460-31376/1		3510C, 8270C		
LCS~460-31376/2		3510C, 8270C		
LCSD~460-31376/3		3510C, 8270C		
460-10889-E-16	GW-017338-030310-ACH-016	3510C, 8270C	T	
460-10889-F-17	GW-017338-030310-RAM-017	3510C, 8270C	T	
460-10889-F-18	GW-017338-030310-ACH-018	3510C, 8270C	T	
460-10889-F-19	GW-017338-030310-RAM-019	3510C, 8270C	T	
460-10889-F-20	GW-017338-030310-ACH-020	3510C, 8270C	T	
460-10889-F-21	GW-017338-030310-RAM-021	3510C, 8270C	T	

Batch Comment: bna water

Method 8270C SIM

Semivolatile Organic Compounds (GC/MS SIM) by Method 8270C (SIM)

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: h86814.d Lab Sample ID: MB 460-31280/1-A

Matrix: Water Date Extracted: 03/05/2010 07:35

Instrument ID: BNAMS9 Date Analyzed: 03/18/2010 14:51

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
GW-017338-030110-ACH-001	460-10889-1	h86815.d	03/18/2010 15:17
GW-017338-030110-ACH-002	460-10889-2	h86816.d	03/18/2010 15:42
GW-017338-030110-ACH-003	460-10889-3	h86817.d	03/18/2010 16:08
GW-017338-030110-ACH-004	460-10889-4	h86818.d	03/18/2010 16:33
GW-017338-030210-RAM-005	460-10889-5	h86819.d	03/18/2010 16:58
EB-017338-030210-ACH-006	460-10889-6	h86820.d	03/18/2010 17:24
GW-017338-030210-RAM-007	460-10889-7	h86821.d	03/18/2010 17:49
GW-017338-030210-RAM-009	460-10889-9	h86823.d	03/18/2010 18:40
GW-017338-030210-ACH-010	460-10889-10	h86824.d	03/18/2010 19:05
GW-017338-030210-RAM-011	460-10889-11	h86825.d	03/18/2010 19:31
GW-017338-030210-ACH-012	460-10889-12	h86826.d	03/18/2010 19:57
GW-017338-030210-ACH-013	460-10889-13	h86827.d	03/18/2010 20:22
GW-017338-030310-ACH-014	460-10889-14	h86829.d	03/18/2010 21:13
GW-017338-030310-RAM-015	460-10889-15	h86830.d	03/18/2010 21:39
GW-017338-030210-ACH-008	460-10889-8	h86863.d	03/19/2010 14:34

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: h86864.d Lab Sample ID: MB 460-31376/1-A

Matrix: Water Date Extracted: 03/05/2010 20:00

Instrument ID: BNAMS9 Date Analyzed: 03/19/2010 15:00

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
GW-017338-030310-ACH-016	460-10889-16	h86832.d	03/18/2010 22:30
GW-017338-030310-RAM-017	460-10889-17	h86833.d	03/18/2010 22:56
GW-017338-030310-ACH-018	460-10889-18	h86859.d	03/19/2010 12:52
GW-017338-030310-RAM-019	460-10889-19	h86860.d	03/19/2010 13:18
GW-017338-030310-ACH-020	460-10889-20	h86861.d	03/19/2010 13:43
GW-017338-030310-RAM-021	460-10889-21	h86925.d	03/22/2010 19:36

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: h86759.d DFTPP Injection Date: 03/17/2010

Instrument ID: BNAMS9 DFTPP Injection Time: 10:11

Analysis Batch No.: 32306

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	46.9	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	48.3	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	58.0	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	26.2	
365	Greater than 1.0 % of mass 198	2.6	
441	Present but less than mass 443	12.7	
442	Greater than 40.0 % of mass 198	86.0	
443	17.0 - 23.0 % of mass 442	15.7	(18.3)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-32306/2	h86760.d	03/17/2010	10:31
	IC 460-32306/3	h86761.d	03/17/2010	10:56
	IC 460-32306/4	h86762.d	03/17/2010	11:22
	IC 460-32306/5	h86763.d	03/17/2010	11:48
	IC 460-32306/6	h86764.d	03/17/2010	12:15
	IC 460-32306/7	h86765.d	03/17/2010	12:41

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: h86808.d DFTPP Injection Date: 03/18/2010

Instrument ID: BNAMS9 DFTPP Injection Time: 12:22

Analysis Batch No.: 32430

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	43.4	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	43.8	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	52.4	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	27.5	
365	Greater than 1.0 % of mass 198	4.3	
441	Present but less than mass 443	15.1	
442	Greater than 40.0 % of mass 198	103.0	
443	17.0 - 23.0 % of mass 442	20.6	(20.0)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-32430/2	h86809.d	03/18/2010	12:42
	MB 460-31280/1-A	h86814.d	03/18/2010	14:51
GW-017338-030110-ACH-001	460-10889-1	h86815.d	03/18/2010	15:17
GW-017338-030110-ACH-002	460-10889-2	h86816.d	03/18/2010	15:42
GW-017338-030110-ACH-003	460-10889-3	h86817.d	03/18/2010	16:08
GW-017338-030110-ACH-004	460-10889-4	h86818.d	03/18/2010	16:33
GW-017338-030210-RAM-005	460-10889-5	h86819.d	03/18/2010	16:58
EB-017338-030210-ACH-006	460-10889-6	h86820.d	03/18/2010	17:24
GW-017338-030210-RAM-007	460-10889-7	h86821.d	03/18/2010	17:49
GW-017338-030210-RAM-009	460-10889-9	h86823.d	03/18/2010	18:40
GW-017338-030210-ACH-010	460-10889-10	h86824.d	03/18/2010	19:05
GW-017338-030210-RAM-011	460-10889-11	h86825.d	03/18/2010	19:31
GW-017338-030210-ACH-012	460-10889-12	h86826.d	03/18/2010	19:57
GW-017338-030210-ACH-013	460-10889-13	h86827.d	03/18/2010	20:22

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: h86808.d DFTPP Injection Date: 03/18/2010

Instrument ID: BNAMS9 DFTPP Injection Time: 12:22

Analysis Batch No.: 32430

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	43.4	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	43.8	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	52.4	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	27.5	
365	Greater than 1.0 % of mass 198	4.3	
441	Present but less than mass 443	15.1	
442	Greater than 40.0 % of mass 198	103.0	
443	17.0 - 23.0 % of mass 442	20.6	(20.0)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
GW-017338-030310-ACH-014	460-10889-14	h86829.d	03/18/2010	21:13
GW-017338-030310-RAM-015	460-10889-15	h86830.d	03/18/2010	21:39
GW-017338-030310-ACH-016	460-10889-16	h86832.d	03/18/2010	22:30
GW-017338-030310-RAM-017	460-10889-17	h86833.d	03/18/2010	22:56

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: h86857.d DFTPP Injection Date: 03/19/2010

Instrument ID: BNAMS9 DFTPP Injection Time: 11:43

Analysis Batch No.: 32627

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	46.1	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	48.1	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	56.5	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.0	
275	10.0 - 30.0 % of mass 198	26.7	
365	Greater than 1.0 % of mass 198	3.5	
441	Present but less than mass 443	13.9	
442	Greater than 40.0 % of mass 198	93.4	
443	17.0 - 23.0 % of mass 442	18.5	(19.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-32627/2	h86858.d	03/19/2010	12:17
GW-017338-030310-ACH-018	460-10889-18	h86859.d	03/19/2010	12:52
GW-017338-030310-RAM-019	460-10889-19	h86860.d	03/19/2010	13:18
GW-017338-030310-ACH-020	460-10889-20	h86861.d	03/19/2010	13:43
GW-017338-030210-ACH-008	460-10889-8	h86863.d	03/19/2010	14:34
	MB 460-31376/1-A	h86864.d	03/19/2010	15:00

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab File ID: h86918.d DFTPP Injection Date: 03/22/2010

Instrument ID: BNAMS9 DFTPP Injection Time: 16:39

Analysis Batch No.: 32791

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	43.7	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	46.5	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	53.9	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	26.2	
365	Greater than 1.0 % of mass 198	4.1	
441	Present but less than mass 443	15.5	
442	Greater than 40.0 % of mass 198	100.9	
443	17.0 - 23.0 % of mass 442	19.7	(19.5)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-32791/2	h86919.d	03/22/2010	17:04
GW-017338-030310-RAM-02 1	460-10889-21	h86925.d	03/22/2010	19:36

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Sample No.: CCVIS 460-32430/2 Date Analyzed: 03/18/2010 12:42

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): h86809.d Heated Purge: (Y/N) N

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		37690	4.32	123628	5.59	53653	7.35
UPPER LIMIT		75380	4.82	247256	6.09	107306	7.85
LOWER LIMIT		18845	3.82	61814	5.09	26827	6.85
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-31280/1-A		36221	4.32	111820	5.59	45806	7.35
460-10889-1	GW-017338-030110-ACH-001	26097	4.32	79443	5.59	31628	7.35
460-10889-2	GW-017338-030110-ACH-002	26826	4.32	83802	5.59	33448	7.35
460-10889-3	GW-017338-030110-ACH-003	29016	4.32	92132	5.60	39607	7.35
460-10889-4	GW-017338-030110-ACH-004	35440	4.32	109399	5.59	44531	7.35
460-10889-5	GW-017338-030210-RAM-005	26136	4.32	80784	5.59	33965	7.35
460-10889-6	EB-017338-030210-ACH-006	28717	4.32	88703	5.59	36058	7.35
460-10889-7	GW-017338-030210-RAM-007	25961	4.32	78663	5.59	30343	7.35
460-10889-9	GW-017338-030210-RAM-009	28390	4.32	91222	5.59	37523	7.35
460-10889-10	GW-017338-030210-ACH-010	26337	4.32	82466	5.59	32834	7.35
460-10889-11	GW-017338-030210-RAM-011	25248	4.32	78038	5.59	31845	7.35
460-10889-12	GW-017338-030210-ACH-012	34610	4.32	114260	5.60	52546	7.36
460-10889-13	GW-017338-030210-ACH-013	28364	4.32	147596	5.60	43931	7.36
460-10889-14	GW-017338-030310-ACH-014	26297	4.32	79817	5.59	30500	7.35
460-10889-15	GW-017338-030310-RAM-015	24150	4.32	73915	5.59	30152	7.35
460-10889-16	GW-017338-030310-ACH-016	30482	4.32	99438	5.59	44694	7.35
460-10889-17	GW-017338-030310-RAM-017	29251	4.32	93596	5.59	45106	7.35

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Sample No.: CCVIS 460-32430/2 Date Analyzed: 03/18/2010 12:42

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): h86809.d Heated Purge: (Y/N) N

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		64910	8.82	33917	11.58	23445	13.50
UPPER LIMIT		129820	9.32	67834	12.08	46890	14.00
LOWER LIMIT		32455	8.32	16959	11.08	11723	13.00
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-31280/1-A		51028	8.82	24577	11.58	17668	13.50
460-10889-1	GW-017338-030110-ACH-001	36522	8.82	24052	11.58	17500	13.50
460-10889-2	GW-017338-030110-ACH-002	39052	8.82	23743	11.58	16574	13.50
460-10889-3	GW-017338-030110-ACH-003	46469	8.82	30376	11.58	20591	13.50
460-10889-4	GW-017338-030110-ACH-004	52030	8.82	32229	11.58	23087	13.50
460-10889-5	GW-017338-030210-RAM-005	43048	8.82	30897	11.58	21936	13.50
460-10889-6	EB-017338-030210-ACH-006	42108	8.82	27641	11.58	20059	13.50
460-10889-7	GW-017338-030210-RAM-007	34415	8.82	22470	11.58	15388	13.50
460-10889-9	GW-017338-030210-RAM-009	41067	8.82	21381	11.58	14624	13.50
460-10889-10	GW-017338-030210-ACH-010	37904	8.82	20582	11.58	12967	13.50
460-10889-11	GW-017338-030210-RAM-011	39503	8.82	24720	11.58	15384	13.50
460-10889-12	GW-017338-030210-ACH-012	52190	8.82	31567	11.58	22737	13.50
460-10889-13	GW-017338-030210-ACH-013	44083	8.82	27440	11.58	19370	13.50
460-10889-14	GW-017338-030310-ACH-014	34232	8.82	17180	11.58	12113	13.50
460-10889-15	GW-017338-030310-RAM-015	37638	8.82	26662	11.58	17366	13.50
460-10889-16	GW-017338-030310-ACH-016	54315	8.82	28668	11.58	18423	13.50
460-10889-17	GW-017338-030310-RAM-017	43611	8.82	32053	11.58	22942	13.50

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Sample No.: CCVIS 460-32627/2 Date Analyzed: 03/19/2010 12:17

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): h86858.d Heated Purge: (Y/N) N

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		43857	4.28	147429	5.56	69087	7.32
UPPER LIMIT		87714	4.78	294858	6.06	138174	7.82
LOWER LIMIT		21929	3.78	73715	5.06	34544	6.82
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-10889-18	GW-017338-030310-ACH-018	34993	4.28	112949	5.56	50107	7.32
460-10889-19	GW-017338-030310-RAM-019	32740	4.30	109453	5.57	77534	7.33
460-10889-20	GW-017338-030310-ACH-020	39568	4.29	122025	5.57	53867	7.33
460-10889-8	GW-017338-030210-ACH-008	41030	4.28	135493	5.56	62067	7.32
MB 460-31376/1-A		42183	4.28	134450	5.56	58845	7.32

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Sample No.: CCVIS 460-32627/2 Date Analyzed: 03/19/2010 12:17

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): h86858.d Heated Purge: (Y/N) N

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		85898	8.79	42900	11.55	23958	13.45
UPPER LIMIT		171796	9.29	85800	12.05	47916	13.95
LOWER LIMIT		42949	8.29	21450	11.05	11979	12.95
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-10889-18	GW-017338-030310-ACH-018	58596	8.79	29829	11.55	19413	13.46
460-10889-19	GW-017338-030310-RAM-019	62589	8.79	43672	11.54	30275	13.45
460-10889-20	GW-017338-030310-ACH-020	64173	8.79	42008	11.54	28542	13.45
460-10889-8	GW-017338-030210-ACH-008	73404	8.79	37187	11.54	22437	13.45
MB 460-31376/1-A		72164	8.79	35728	11.54	22120	13.45

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Sample No.: CCVIS 460-32791/2 Date Analyzed: 03/22/2010 17:04

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): h86919.d Heated Purge: (Y/N) N

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		32561	4.20	104043	5.48	41482	7.23
UPPER LIMIT		65122	4.70	208086	5.98	82964	7.73
LOWER LIMIT		16281	3.70	52022	4.98	20741	6.73
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-10889-21	GW-017338-030310-RAM-021	25635	4.21	75755	5.49	35681	7.23

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Sample No.: CCVIS 460-32791/2 Date Analyzed: 03/22/2010 17:04

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): h86919.d Heated Purge: (Y/N) N

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		42385	8.69	19839	11.43	14379	13.33
UPPER LIMIT		84770	9.19	39678	11.93	28758	13.83
LOWER LIMIT		21193	8.19	9920	10.93	7190	12.83
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-10889-21	GW-017338-030310-RAM-021	32796	8.69	22387	11.43	16670	13.32

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-001 Lab Sample ID: 460-10889-1

Matrix: GW Lab File ID: h86815.d

Analysis Method: 8270C Date Collected: 03/01/2010 12:10

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/18/2010 15:17

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32430 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.051	U	0.051	0.020
50-32-8	Benzo[a]pyrene	0.051	U	0.051	0.031
205-99-2	Benzo[b]fluoranthene	0.051	U	0.051	0.041
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86815.d
Report Date: 18-Mar-2010 16:22

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86815.d
Lab Smp Id: 460-10889-E-1-A
Inj Date : 18-MAR-2010 15:17
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-10889-E-1-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/simpah.m
Meth Date : 18-Mar-2010 13:07 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 79 1,4-Dichlorobenzene-d4	152	4.322	4.322	(1.000)	26097	1.00000	(a)
* 80 Naphthalene-d8	136	5.593	5.593	(1.000)	79443	1.00000	(a)
31 Naphthalene	128	5.613	5.613	(1.003)	979	0.01043	0.021(a)
* 82 Acenaphthene-d10	164	7.346	7.346	(1.000)	31628	1.00000	(a)
* 83 Phenanthrene-d10	188	8.818	8.818	(1.000)	36522	1.00000	(a)
* 81 Chrysene-d12	240	11.581	11.581	(1.000)	24052	1.00000	(aM)
* 84 Perylene-d12	264	13.503	13.503	(1.000)	17500	1.00000	(a)

QC Flag Legend

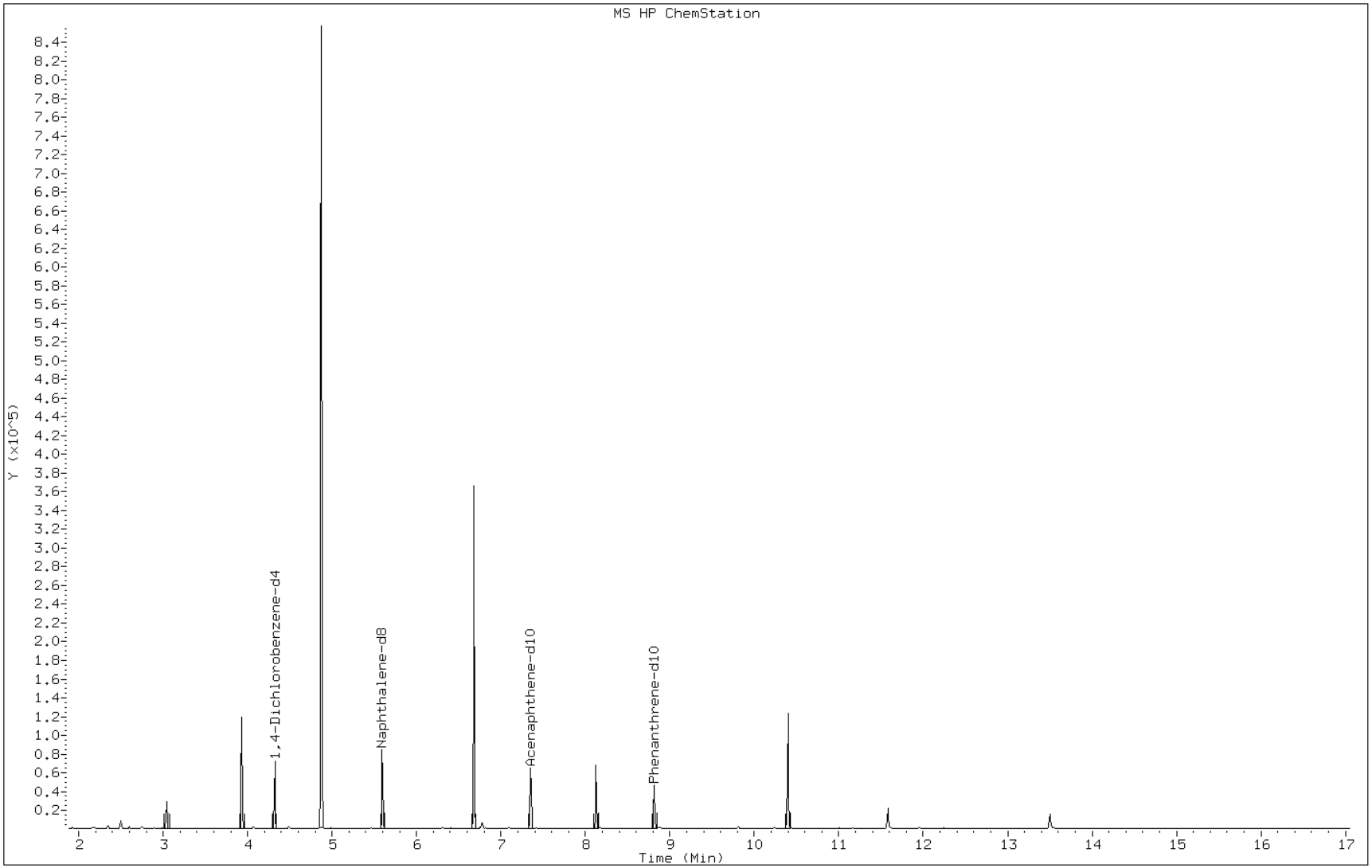
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: h86815.d

Date: 18-MAR-2010 15:17

Client ID: Instrument: BNAMS9.i

Sample Info: 460-10889-E-1-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-002 Lab Sample ID: 460-10889-2

Matrix: GW Lab File ID: h86816.d

Analysis Method: 8270C Date Collected: 03/01/2010 13:15

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/18/2010 15:42

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32430 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.051	U	0.051	0.020
50-32-8	Benzo[a]pyrene	0.051	U	0.051	0.031
205-99-2	Benzo[b]fluoranthene	0.051	U	0.051	0.041
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86816.d
Report Date: 18-Mar-2010 16:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86816.d
Lab Smp Id: 460-10889-F-2-A
Inj Date : 18-MAR-2010 15:42
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-10889-F-2-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/simpah.m
Meth Date : 18-Mar-2010 13:07 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)	
* 79 1,4-Dichlorobenzene-d4	152	4.322	4.322	(1.000)	26826	1.00000		(a)
* 80 Naphthalene-d8	136	5.593	5.593	(1.000)	83802	1.00000		(a)
* 82 Acenaphthene-d10	164	7.346	7.346	(1.000)	33448	1.00000		(a)
* 83 Phenanthrene-d10	188	8.818	8.818	(1.000)	39052	1.00000		(a)
* 81 Chrysene-d12	240	11.581	11.581	(1.000)	23743	1.00000		(aM)
* 84 Perylene-d12	264	13.503	13.503	(1.000)	16574	1.00000		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: h86816.d

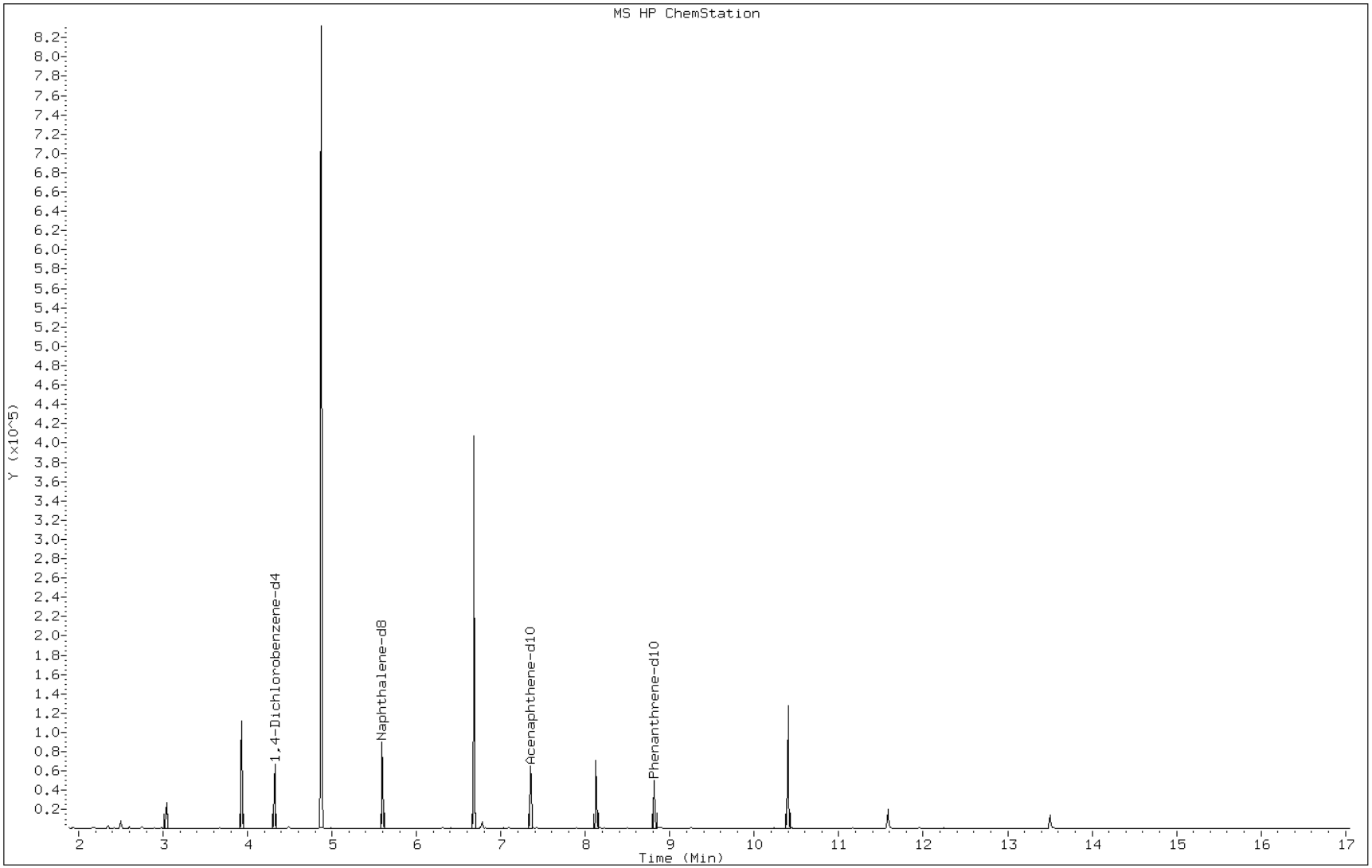
Date: 18-MAR-2010 15:42

Client ID:

Instrument: BNAMS9.i

Sample Info: 460-10889-F-2-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-003 Lab Sample ID: 460-10889-3

Matrix: GW Lab File ID: h86817.d

Analysis Method: 8270C Date Collected: 03/01/2010 14:00

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/18/2010 16:08

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32430 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.051	U	0.051	0.020
50-32-8	Benzo[a]pyrene	0.051	U	0.051	0.031
205-99-2	Benzo[b]fluoranthene	0.051	U	0.051	0.041
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86817.d
Report Date: 19-Mar-2010 09:47

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86817.d
Lab Smp Id: 460-10889-F-3-B
Inj Date : 18-MAR-2010 16:08
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-10889-F-3-B
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/simpah.m
Meth Date : 18-Mar-2010 13:07 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 79 1,4-Dichlorobenzene-d4	152	4.321	4.322	(1.000)	29016	1.00000	(a)
* 80 Naphthalene-d8	136	5.603	5.593	(1.000)	92132	1.00000	(a)
31 Naphthalene	128	5.622	5.613	(1.003)	3821044	35.1116	72(A)
39 Acenaphthylene	152	7.210	7.210	(0.981)	1203	0.01575	0.032(a)
* 82 Acenaphthene-d10	164	7.346	7.346	(1.000)	39607	1.00000	(a)
42 Acenaphthene	154	7.385	7.385	(1.005)	6986	0.14243	0.29
47 Fluorene	166	7.892	7.892	(1.074)	5227	0.10275	0.21
14 Pentachlorophenol	266	8.632	8.633	(0.979)	95	0.01820	0.037(a)
* 83 Phenanthrene-d10	188	8.817	8.818	(1.000)	46469	1.00000	(a)
52 Phenanthrene	178	8.837	8.837	(1.002)	1171	0.01818	0.037(a)
53 Anthracene	178	8.886	8.886	(1.008)	1515	0.02922	0.060
56 Fluoranthene	202	10.004	10.004	(1.135)	3618	0.07888	0.16
57 Pyrene	202	10.229	10.230	(1.000)	995	0.01997	0.041(a)
* 81 Chrysene-d12	240	11.580	11.581	(1.000)	30376	1.00000	(aM)
* 84 Perylene-d12	264	13.502	13.503	(1.000)	20591	1.00000	(a)

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86817.d
Report Date: 19-Mar-2010 09:47

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
M - Compound response manually integrated.

Data File: h86817.d

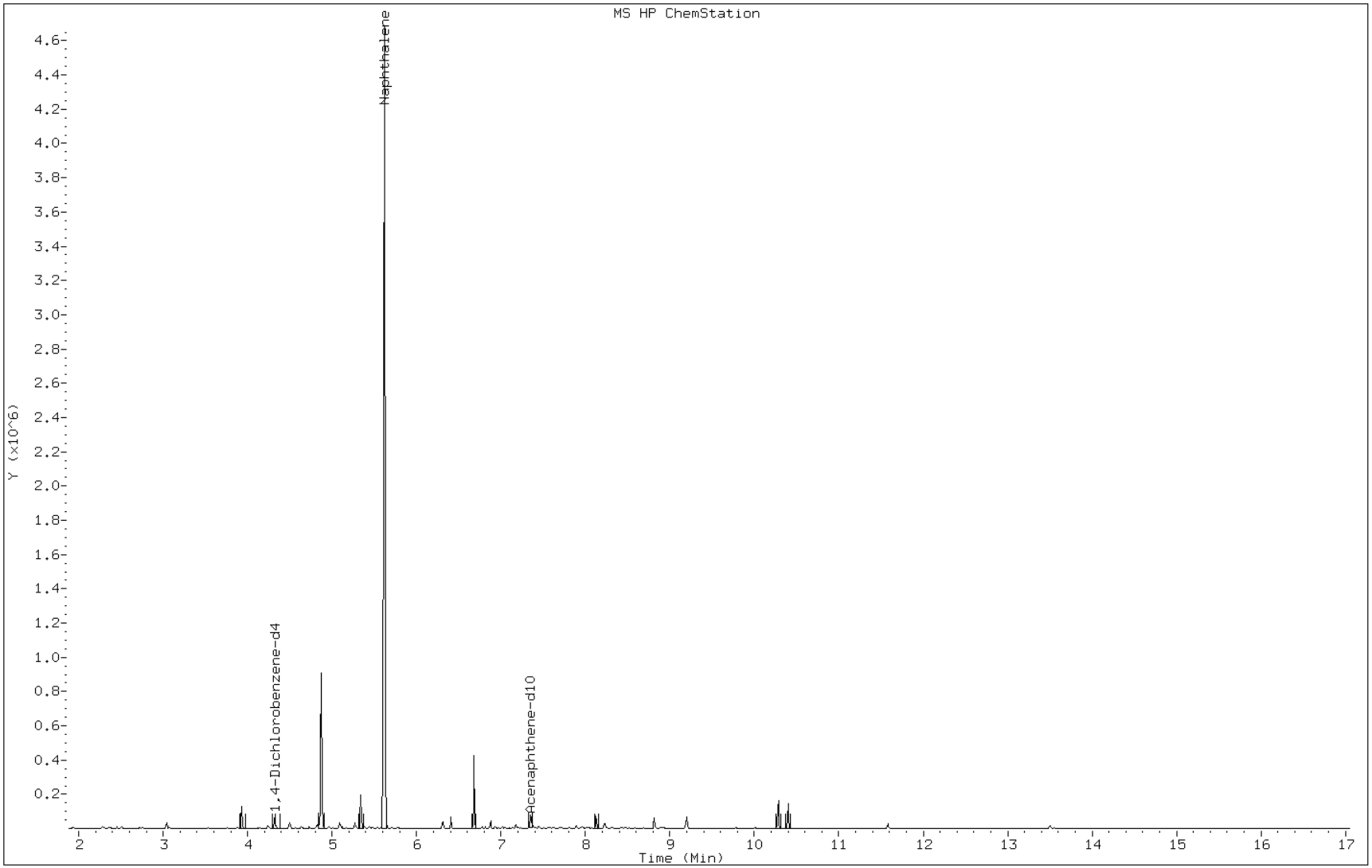
Date: 18-MAR-2010 16:08

Client ID:

Instrument: BNAMS9.i

Sample Info: 460-10889-F-3-B

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030110-ACH-004 Lab Sample ID: 460-10889-4

Matrix: GW Lab File ID: h86818.d

Analysis Method: 8270C Date Collected: 03/01/2010 15:45

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/18/2010 16:33

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32430 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.051	U	0.051	0.020
50-32-8	Benzo[a]pyrene	0.051	U	0.051	0.031
205-99-2	Benzo[b]fluoranthene	0.051	U	0.051	0.041
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86818.d
Report Date: 19-Mar-2010 09:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86818.d
Lab Smp Id: 460-10889-F-4-A
Inj Date : 18-MAR-2010 16:33
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-10889-F-4-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/simpah.m
Meth Date : 18-Mar-2010 13:07 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 79 1,4-Dichlorobenzene-d4	152	4.322	4.322	(1.000)	35440	1.00000	(a)
* 80 Naphthalene-d8	136	5.593	5.593	(1.000)	109399	1.00000	(a)
31 Naphthalene	128	5.613	5.613	(1.003)	16748	0.12961	0.26
* 82 Acenaphthene-d10	164	7.346	7.346	(1.000)	44531	1.00000	(a)
42 Acenaphthene	154	7.385	7.385	(1.005)	1515	0.02747	0.056
* 83 Phenanthrene-d10	188	8.818	8.818	(1.000)	52030	1.00000	(a)
56 Fluoranthene	202	10.013	10.004	(1.135)	1825	0.03554	0.072
57 Pyrene	202	10.230	10.230	(1.000)	1274	0.02410	0.049(a)
* 81 Chrysene-d12	240	11.581	11.581	(1.000)	32229	1.00000	(aM)
* 84 Perylene-d12	264	13.503	13.503	(1.000)	23087	1.00000	(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86818.d
Report Date: 19-Mar-2010 09:48

QC Flag Legend

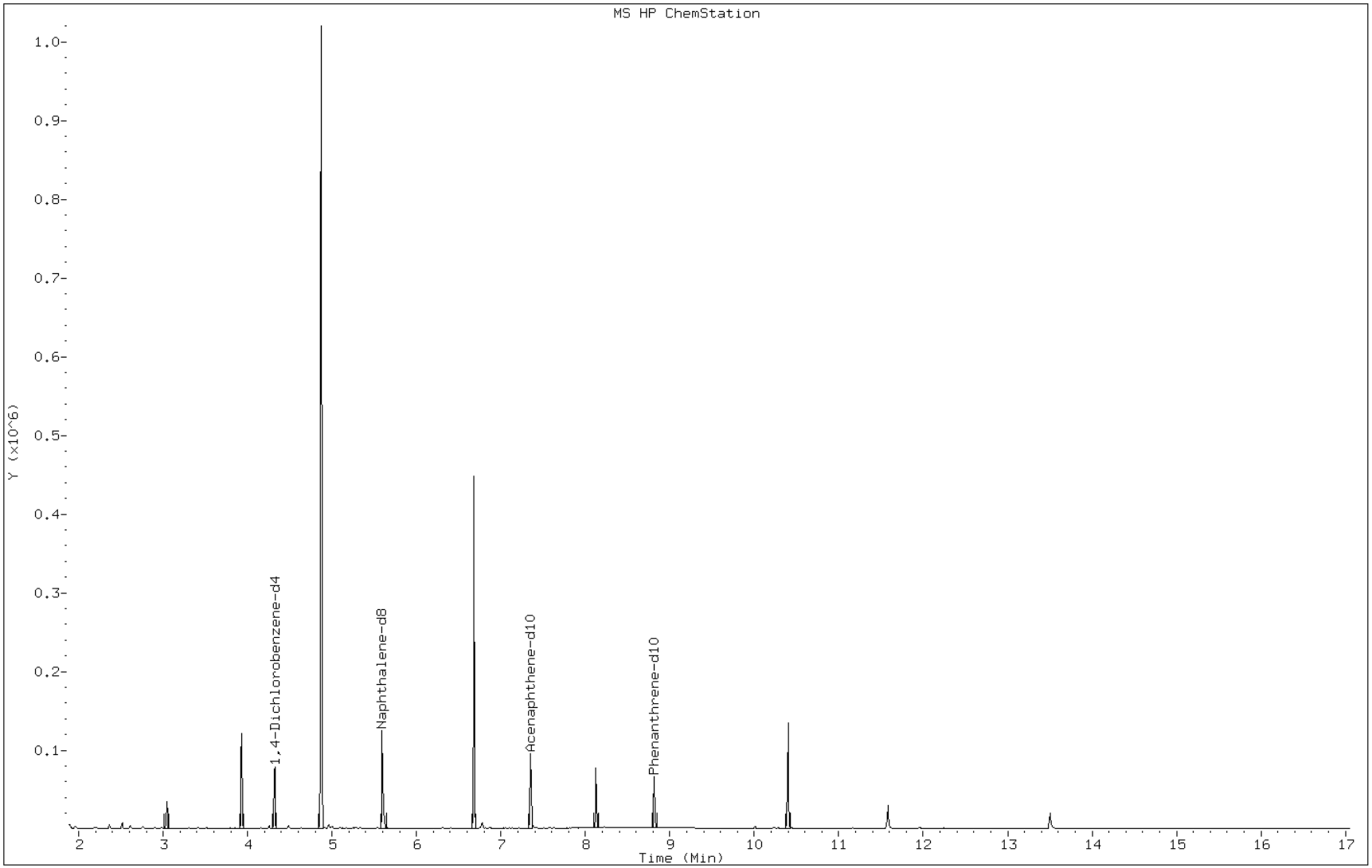
M - Compound response manually integrated.

Data File: h86818.d

Date: 18-MAR-2010 16:33

Client ID: Instrument: BNAMS9.i

Sample Info: 460-10889-F-4-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-005 Lab Sample ID: 460-10889-5

Matrix: GW Lab File ID: h86819.d

Analysis Method: 8270C Date Collected: 03/02/2010 12:10

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/18/2010 16:58

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32430 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.051	U	0.051	0.020
50-32-8	Benzo[a]pyrene	0.051	U	0.051	0.031
205-99-2	Benzo[b]fluoranthene	0.051	U	0.051	0.041
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86819.d
Report Date: 19-Mar-2010 09:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86819.d
Lab Smp Id: 460-10889-F-5-A
Inj Date : 18-MAR-2010 16:58
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-10889-F-5-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/simpah.m
Meth Date : 18-Mar-2010 13:07 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)	
* 79 1,4-Dichlorobenzene-d4	152	4.322	4.322	(1.000)	26136	1.00000		(a)
* 80 Naphthalene-d8	136	5.593	5.593	(1.000)	80784	1.00000		(a)
* 82 Acenaphthene-d10	164	7.346	7.346	(1.000)	33965	1.00000		(a)
* 83 Phenanthrene-d10	188	8.818	8.818	(1.000)	43048	1.00000		(a)
* 81 Chrysene-d12	240	11.581	11.581	(1.000)	30897	1.00000		(aM)
* 84 Perylene-d12	264	13.503	13.503	(1.000)	21936	1.00000		(a)

QC Flag Legend

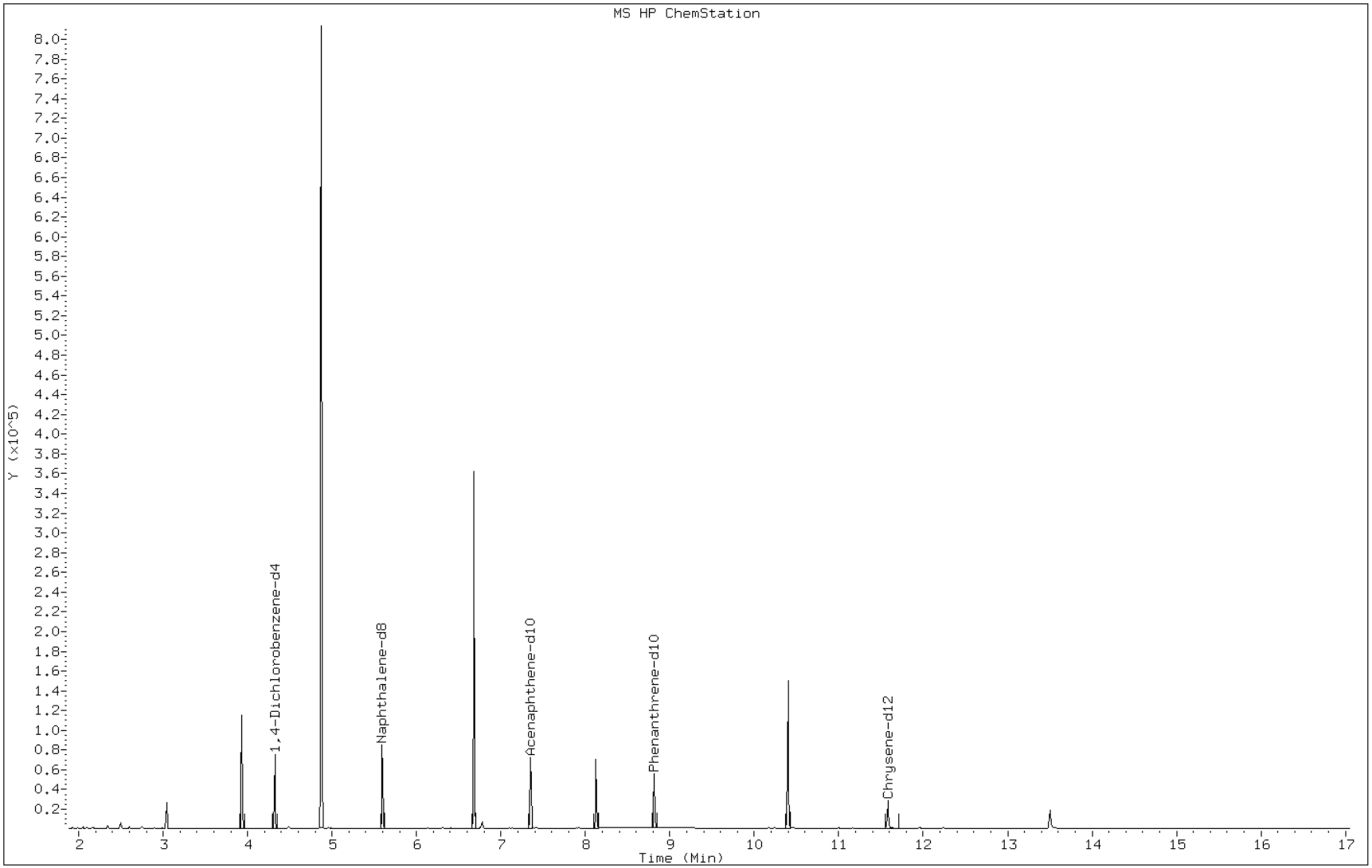
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: h86819.d

Date: 18-MAR-2010 16:58

Client ID: Instrument: BNAMS9.i

Sample Info: 460-10889-F-5-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: EB-017338-030210-ACH-006 Lab Sample ID: 460-10889-6

Matrix: GW Lab File ID: h86820.d

Analysis Method: 8270C Date Collected: 03/02/2010 12:30

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 950(mL) Date Analyzed: 03/18/2010 17:24

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32430 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.053	U	0.053	0.021
50-32-8	Benzo[a]pyrene	0.053	U	0.053	0.032
205-99-2	Benzo[b]fluoranthene	0.053	U	0.053	0.042
87-86-5	Pentachlorophenol	0.21	U	0.21	0.15
118-74-1	Hexachlorobenzene	0.021	U	0.021	0.011

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86820.d
Report Date: 19-Mar-2010 09:49

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86820.d
Lab Smp Id: 460-10889-F-6-A
Inj Date : 18-MAR-2010 17:24
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-10889-F-6-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/simpah.m
Meth Date : 18-Mar-2010 13:07 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	950.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)	
* 79 1,4-Dichlorobenzene-d4	152	4.322	4.322	(1.000)	28717	1.00000		(a)
* 80 Naphthalene-d8	136	5.593	5.593	(1.000)	88703	1.00000		(a)
31 Naphthalene	128	5.613	5.613	(1.003)	3563	0.03401	0.072	
* 82 Acenaphthene-d10	164	7.346	7.346	(1.000)	36058	1.00000		(a)
* 83 Phenanthrene-d10	188	8.818	8.818	(1.000)	42108	1.00000		(a)
* 81 Chrysene-d12	240	11.581	11.581	(1.000)	27641	1.00000		(aM)
* 84 Perylene-d12	264	13.503	13.503	(1.000)	20059	1.00000		(a)

QC Flag Legend

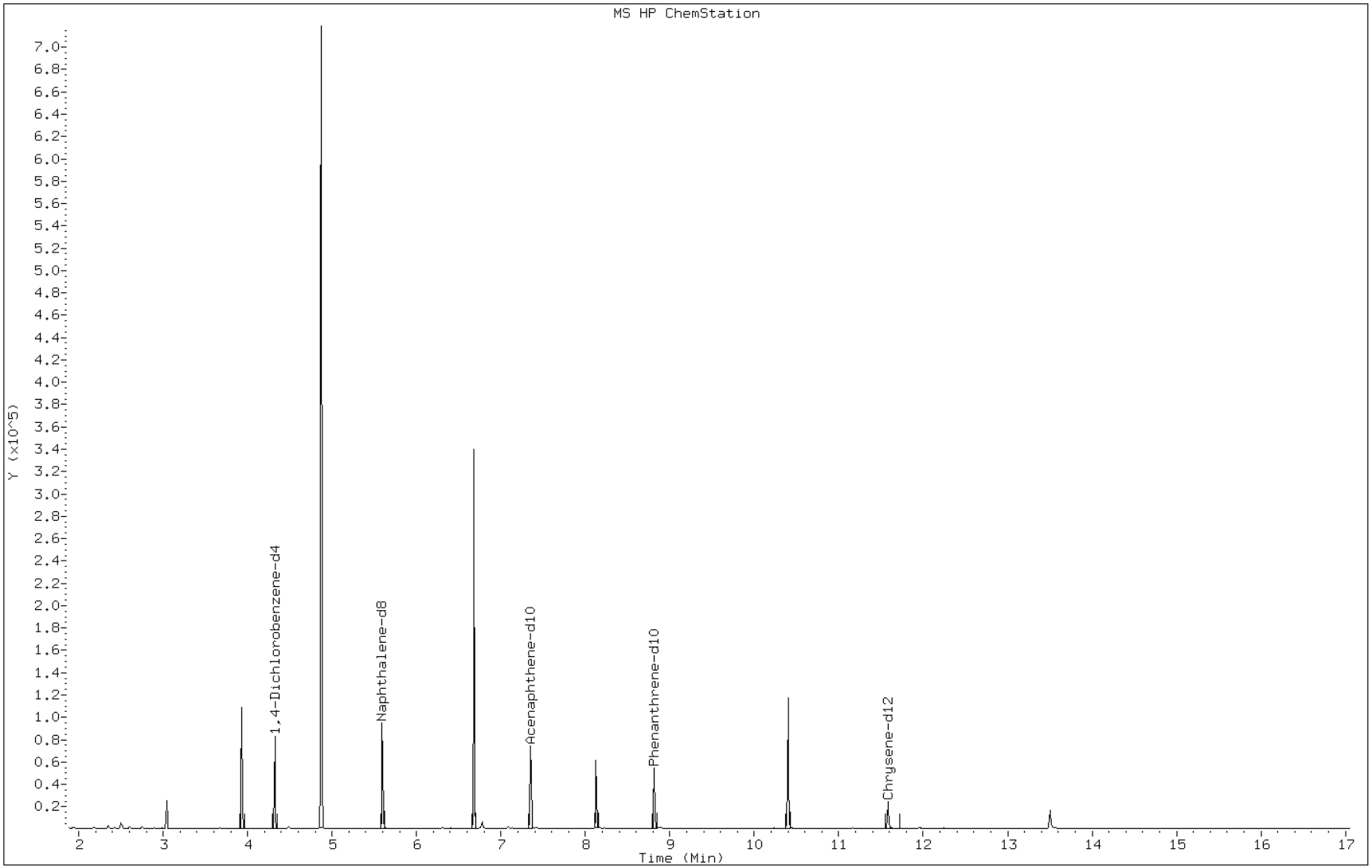
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: h86820.d

Date: 18-MAR-2010 17:24

Client ID: Instrument: BNAMS9.i

Sample Info: 460-10889-F-6-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-007 Lab Sample ID: 460-10889-7

Matrix: GW Lab File ID: h86821.d

Analysis Method: 8270C Date Collected: 03/02/2010 13:10

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 960(mL) Date Analyzed: 03/18/2010 17:49

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32430 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.052	U	0.052	0.021
50-32-8	Benzo[a]pyrene	0.052	U	0.052	0.031
205-99-2	Benzo[b]fluoranthene	0.052	U	0.052	0.042
87-86-5	Pentachlorophenol	0.21	U	0.21	0.15
118-74-1	Hexachlorobenzene	0.021	U	0.021	0.010

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86821.d
Report Date: 19-Mar-2010 09:49

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86821.d
Lab Smp Id: 460-10889-F-7-A
Inj Date : 18-MAR-2010 17:49
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-10889-F-7-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/simpah.m
Meth Date : 18-Mar-2010 13:07 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	960.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)	
* 79 1,4-Dichlorobenzene-d4	152	4.322	4.322	(1.000)	25961	1.00000		
* 80 Naphthalene-d8	136	5.593	5.593	(1.000)	78663	1.00000		
* 82 Acenaphthene-d10	164	7.346	7.346	(1.000)	30343	1.00000		
* 83 Phenanthrene-d10	188	8.818	8.818	(1.000)	34415	1.00000		
* 81 Chrysene-d12	240	11.581	11.581	(1.000)	22470	1.00000		(M)
* 84 Perylene-d12	264	13.503	13.503	(1.000)	15388	1.00000		

QC Flag Legend

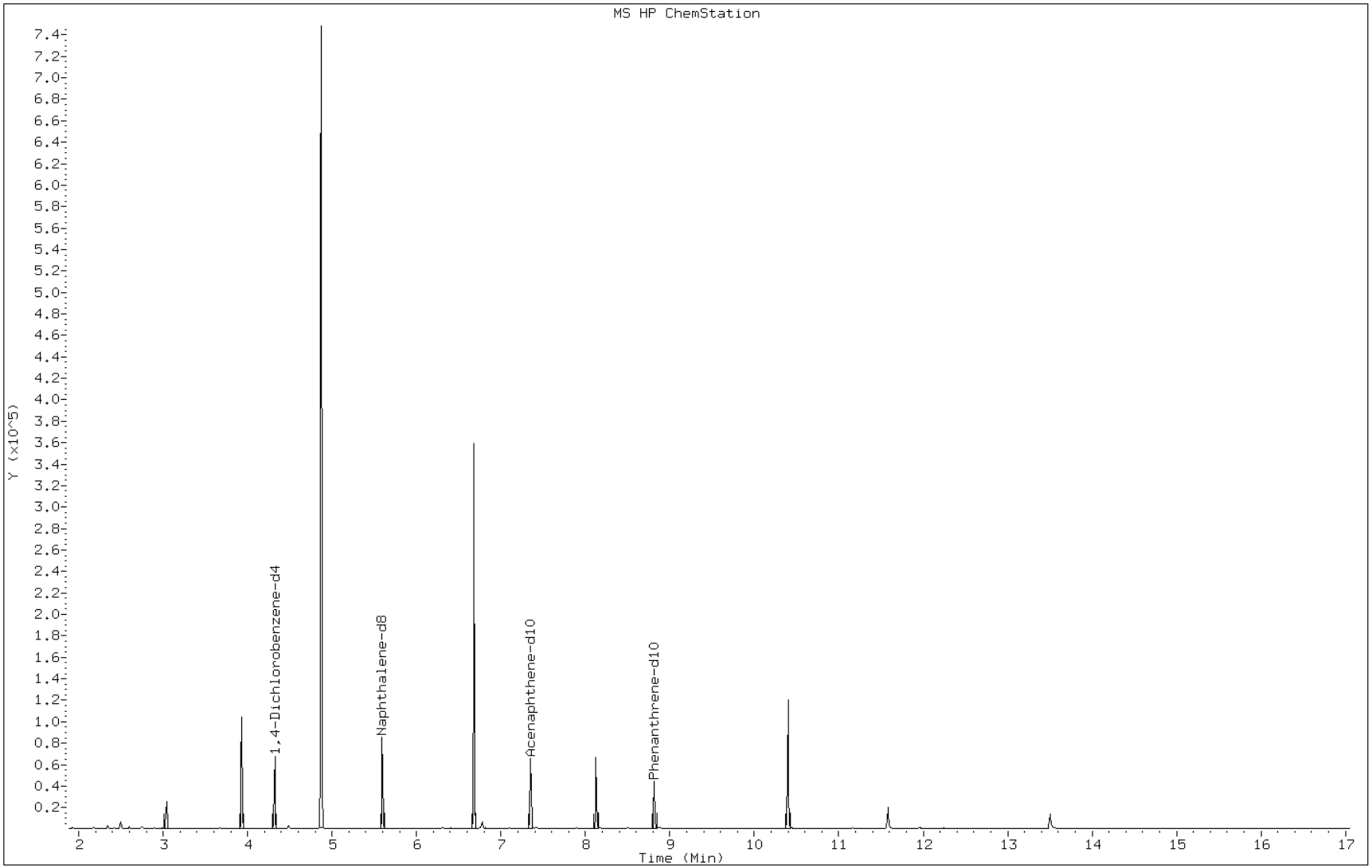
M - Compound response manually integrated.

Data File: h86821.d

Date: 18-MAR-2010 17:49

Client ID: Instrument: BNAMS9.i

Sample Info: 460-10889-F-7-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-008 Lab Sample ID: 460-10889-8

Matrix: GW Lab File ID: h86863.d

Analysis Method: 8270C Date Collected: 03/02/2010 13:15

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/19/2010 14:34

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32627 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.042	J	0.051	0.020
50-32-8	Benzo[a]pyrene	0.035	J	0.051	0.031
205-99-2	Benzo[b]fluoranthene	0.050	J	0.051	0.041
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/h86863.d
Report Date: 19-Mar-2010 15:02

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/h86863.d
Lab Smp Id: 460-10889-E-8-A
Inj Date : 19-MAR-2010 14:34
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-10889-E-8-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/simpah.m
Meth Date : 19-Mar-2010 12:50 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
* 79 1,4-Dichlorobenzene-d4	152	4.283	4.283	(1.000)	41030	1.00000	(a)
* 80 Naphthalene-d8	136	5.564	5.564	(1.000)	135493	1.00000	(a)
31 Naphthalene	128	5.593	5.584	(1.005)	13313	0.08318	0.17
* 82 Acenaphthene-d10	164	7.317	7.317	(1.000)	62067	1.00000	(a)
42 Acenaphthene	154	7.346	7.346	(1.004)	2968	0.03861	0.079
47 Fluorene	166	7.863	7.863	(1.075)	2606	0.03269	0.067
* 83 Phenanthrene-d10	188	8.788	8.789	(1.000)	73404	1.00000	(a)
52 Phenanthrene	178	8.808	8.808	(1.002)	2794	0.02745	0.056
53 Anthracene	178	8.857	8.857	(1.008)	1709	0.02087	0.042(a)
56 Fluoranthene	202	9.972	9.980	(1.135)	5788	0.07989	0.16
57 Pyrene	202	10.197	10.198	(1.000)	4565	0.07483	0.15
61 Benzo(a)anthracene	228	11.524	11.532	(1.000)	842	0.02067	0.042(a)
* 81 Chrysene-d12	240	11.540	11.549	(1.000)	37187	1.00000	(aM)
62 Chrysene	228	11.573	11.573	(1.000)	952	0.01900	0.039(a)
65 Benzo(b)fluoranthene	252	12.932	12.932	(0.961)	766	0.02464	0.050(a)

Data File: /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/h86863.d
Report Date: 19-Mar-2010 15:02

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	66 Benzo(k)fluoranthene	252	12.964	12.972	(0.964)	402	0.01180	0.024(a)
	67 Benzo(a)pyrene	252	13.374	13.374	(0.994)	430	0.01711	0.035(a)
*	84 Perylene-d12	264	13.454	13.454	(1.000)	22437	1.00000	(a)
	68 Indeno(1,2,3-cd)pyrene	276	14.950	14.958	(1.111)	263	0.01358	0.028(a)
	70 Benzo(g,h,i)perylene	276	15.368	15.376	(1.142)	304	0.01360	0.028(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: h86863.d

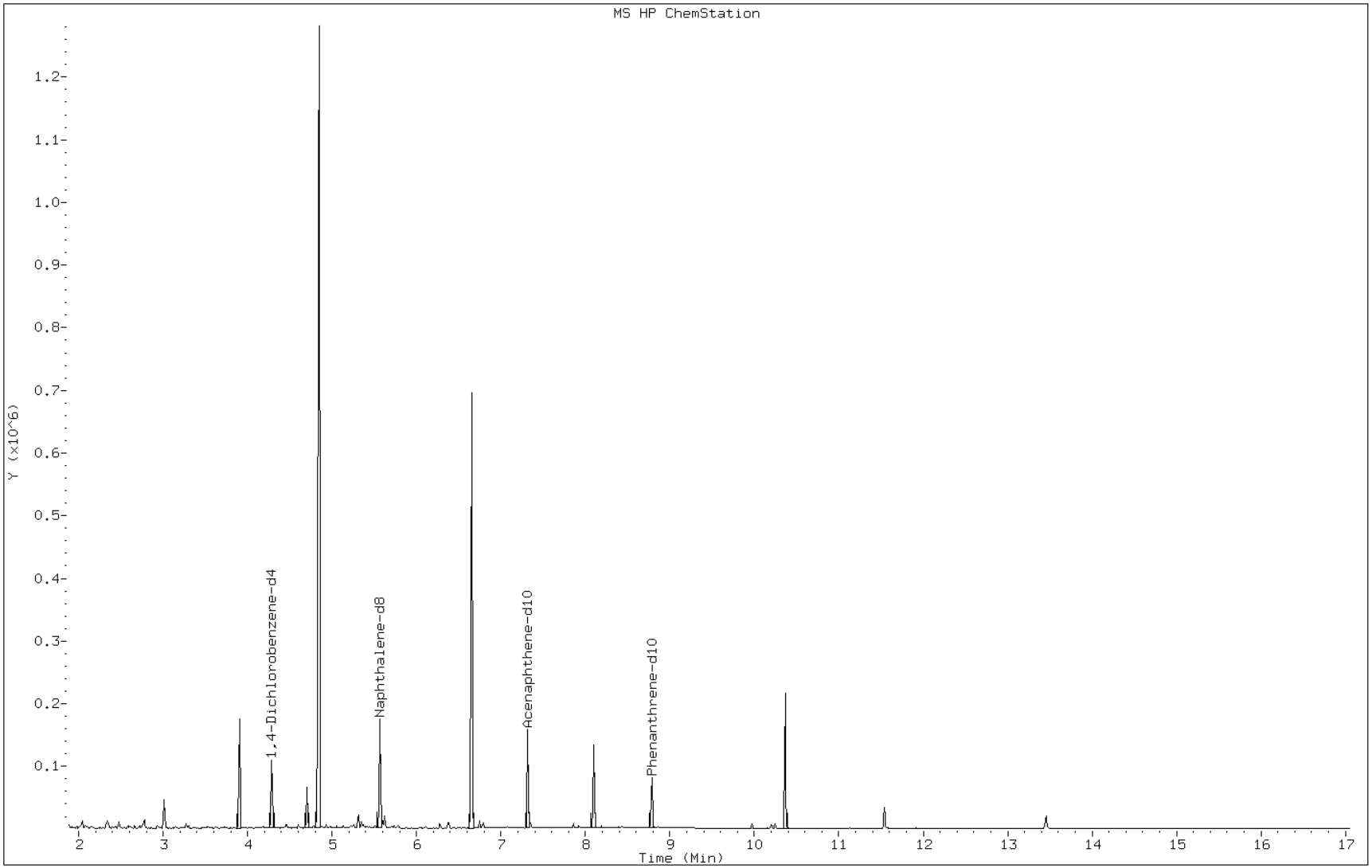
Date: 19-MAR-2010 14:34

Client ID:

Instrument: BNAMS9.i

Sample Info: 460-10889-E-8-A

Operator: BNAMS 4



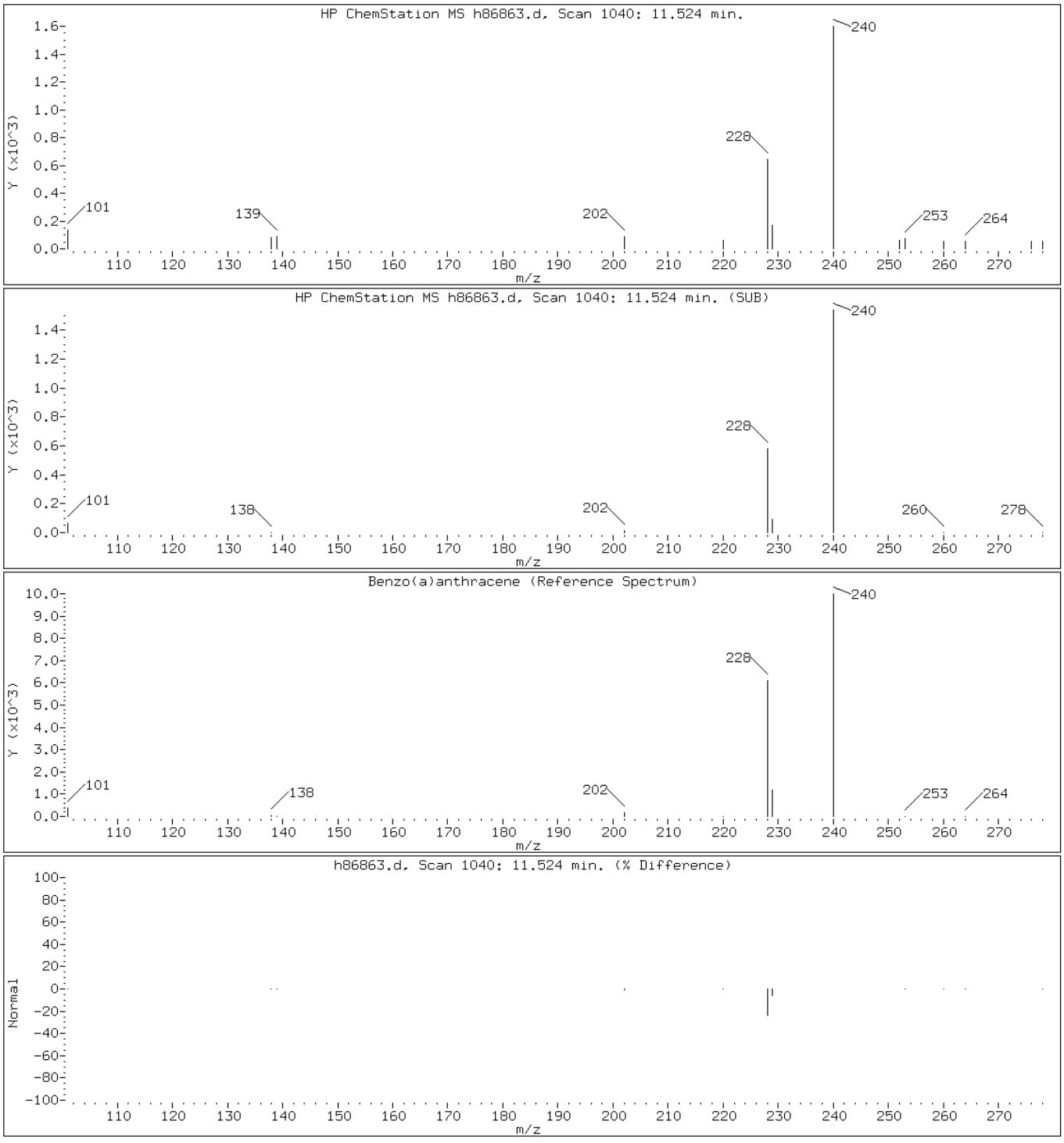
Data File: h86863.d

Date: 19-MAR-2010 14:34

Client ID: Instrument: BNAMS9.i

Sample Info: 460-10889-E-8-A Operator: BNAMS 4

61 Benzo(a)anthracene



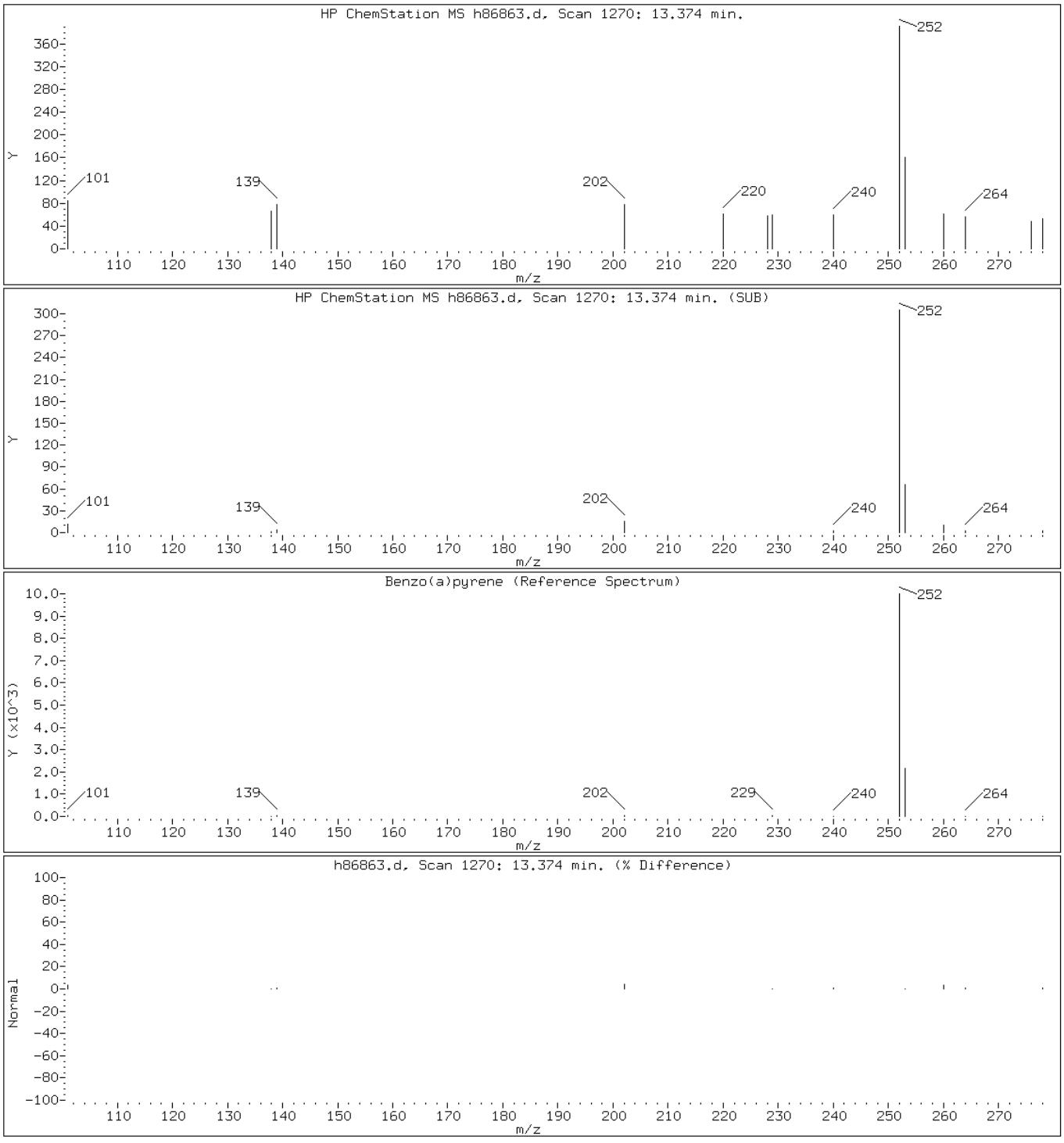
Data File: h86863.d

Date: 19-MAR-2010 14:34

Client ID: Instrument: BNAMS9.i

Sample Info: 460-10889-E-8-A Operator: BNAMS 4

67 Benzo(a)pyrene



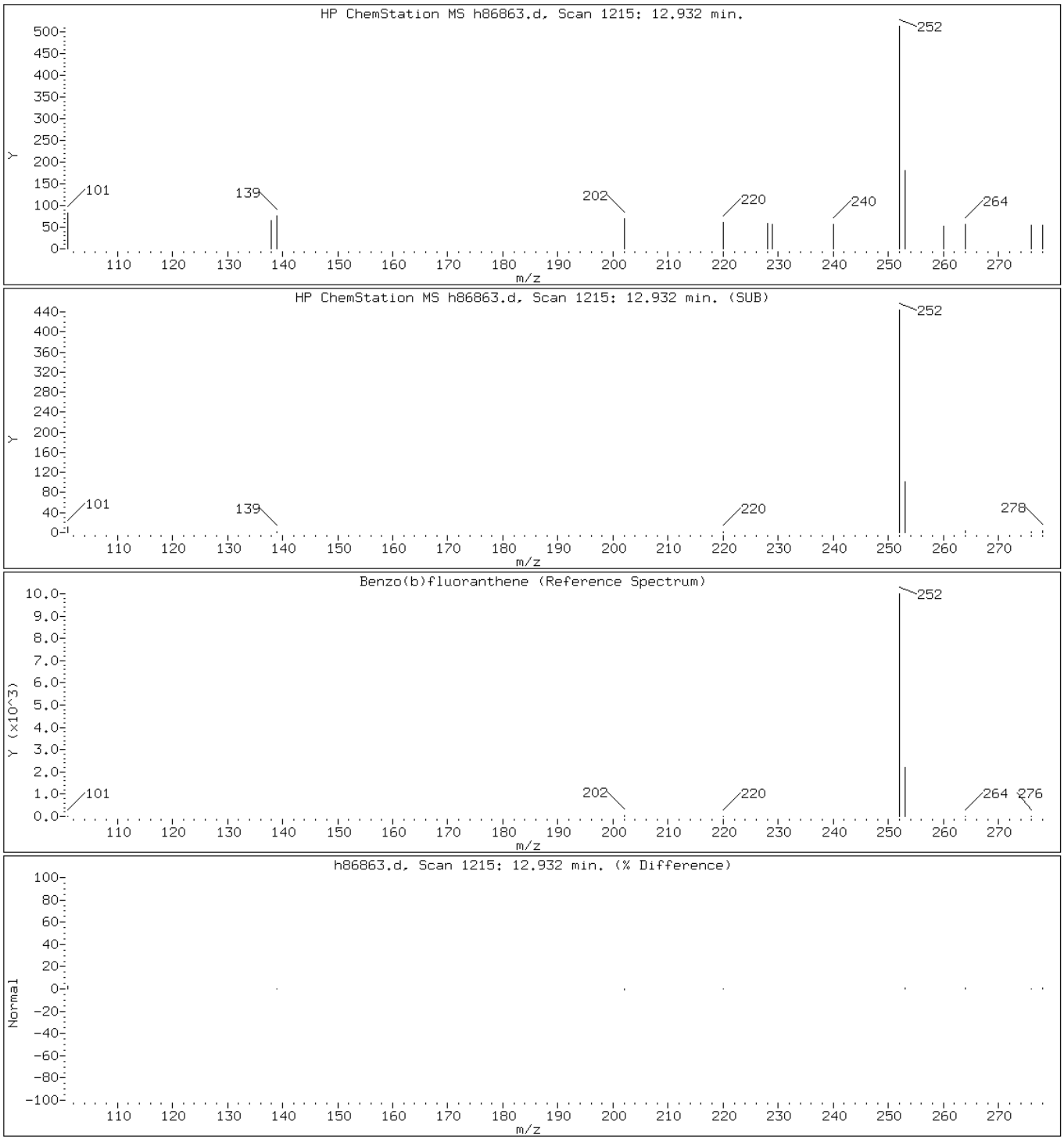
Data File: h86863.d

Date: 19-MAR-2010 14:34

Client ID: Instrument: BNAMS9.i

Sample Info: 460-10889-E-8-A Operator: BNAMS 4

65 Benzo(b)fluoranthene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-009 Lab Sample ID: 460-10889-9

Matrix: GW Lab File ID: h86823.d

Analysis Method: 8270C Date Collected: 03/02/2010 14:40

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 950(mL) Date Analyzed: 03/18/2010 18:40

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32430 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.053	U	0.053	0.021
50-32-8	Benzo[a]pyrene	0.053	U	0.053	0.032
205-99-2	Benzo[b]fluoranthene	0.053	U	0.053	0.042
87-86-5	Pentachlorophenol	0.21	U	0.21	0.15
118-74-1	Hexachlorobenzene	0.021	U	0.021	0.011

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86823.d
Report Date: 19-Mar-2010 09:51

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86823.d
Lab Smp Id: 460-10889-F-9-A
Inj Date : 18-MAR-2010 18:40
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-10889-F-9-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/simpah.m
Meth Date : 18-Mar-2010 13:07 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	950.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 79 1,4-Dichlorobenzene-d4	152	4.322	4.322	(1.000)	28390	1.00000	(a)
* 80 Naphthalene-d8	136	5.593	5.593	(1.000)	91222	1.00000	(a)
31 Naphthalene	128	5.613	5.613	(1.003)	119859	1.11238	2.3(M)
* 82 Acenaphthene-d10	164	7.346	7.346	(1.000)	37523	1.00000	(a)
42 Acenaphthene	154	7.376	7.385	(1.004)	2816	0.06060	0.13
47 Fluorene	166	7.892	7.892	(1.074)	3088	0.06407	0.13
* 83 Phenanthrene-d10	188	8.818	8.818	(1.000)	41067	1.00000	(a)
52 Phenanthrene	178	8.837	8.837	(1.002)	2793	0.04905	0.10
56 Fluoranthene	202	10.013	10.004	(1.135)	684	0.01687	0.036(a)
57 Pyrene	202	10.230	10.230	(1.000)	536	0.01528	0.032(a)
* 81 Chrysene-d12	240	11.581	11.581	(1.000)	21381	1.00000	(aM)
* 84 Perylene-d12	264	13.503	13.503	(1.000)	14624	1.00000	(a)

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86823.d
Report Date: 19-Mar-2010 09:51

QC Flag Legend

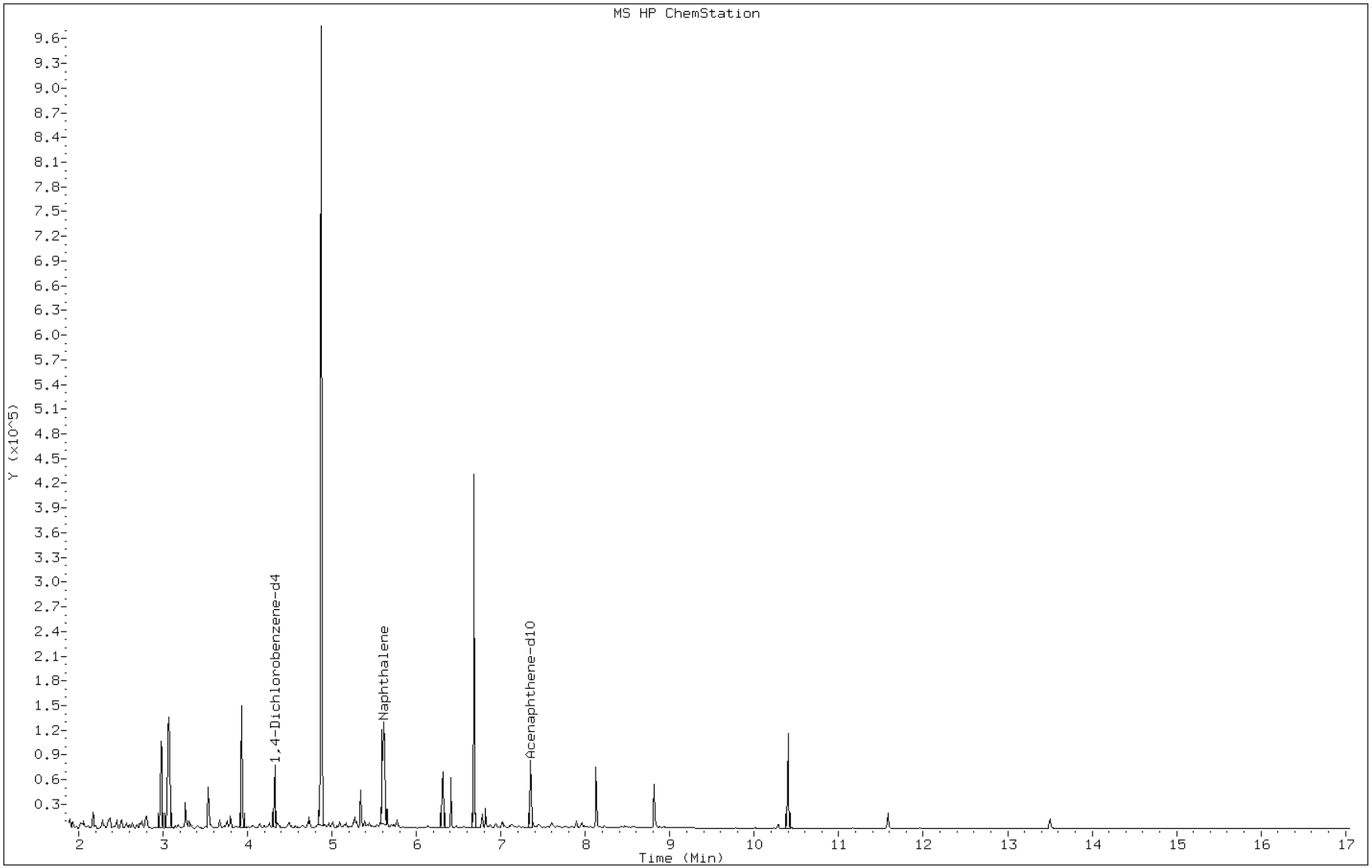
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: h86823.d

Date: 18-MAR-2010 18:40

Client ID: Instrument: BNAMS9.i

Sample Info: 460-10889-F-9-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-010 Lab Sample ID: 460-10889-10

Matrix: GW Lab File ID: h86824.d

Analysis Method: 8270C Date Collected: 03/02/2010 13:20

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 950(mL) Date Analyzed: 03/18/2010 19:05

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32430 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.031	J	0.053	0.021
50-32-8	Benzo[a]pyrene	0.053	U	0.053	0.032
205-99-2	Benzo[b]fluoranthene	0.053	U	0.053	0.042
87-86-5	Pentachlorophenol	0.21	U	0.21	0.15
118-74-1	Hexachlorobenzene	0.021	U	0.021	0.011

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86824.d
Report Date: 19-Mar-2010 09:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86824.d
Lab Smp Id: 460-10889-E-10-A
Inj Date : 18-MAR-2010 19:05
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-10889-E-10-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/simpah.m
Meth Date : 18-Mar-2010 13:07 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	950.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
* 79 1,4-Dichlorobenzene-d4	152	4.322	4.322	(1.000)	26337	1.00000	(a)
* 80 Naphthalene-d8	136	5.593	5.593	(1.000)	82466	1.00000	(a)
31 Naphthalene	128	5.622	5.613	(1.005)	6725	0.06904	0.14
* 82 Acenaphthene-d10	164	7.346	7.346	(1.000)	32834	1.00000	(a)
42 Acenaphthene	154	7.385	7.385	(1.005)	1156	0.02843	0.060
47 Fluorene	166	7.892	7.892	(1.074)	1028	0.02438	0.051(a)
* 83 Phenanthrene-d10	188	8.818	8.818	(1.000)	37904	1.00000	(a)
52 Phenanthrene	178	8.837	8.837	(1.002)	1103	0.02099	0.044(a)
53 Anthracene	178	8.886	8.886	(1.008)	571	0.01350	0.028(a)
56 Fluoranthene	202	10.013	10.004	(1.135)	2304	0.06159	0.13
57 Pyrene	202	10.230	10.230	(1.000)	1875	0.05553	0.12
61 Benzo(a)anthracene	228	11.573	11.565	(1.000)	328	0.01455	0.031(a)
* 81 Chrysene-d12	240	11.581	11.581	(1.000)	20582	1.00000	(aM)
62 Chrysene	228	11.613	11.613	(1.000)	448	0.01616	0.034(a)
65 Benzo(b)fluoranthene	252	12.980	12.980	(0.961)	337	0.01876	0.039(a)

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86824.d
Report Date: 19-Mar-2010 09:52

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 84 Perylene-d12	264	13.503	13.503	(1.000)	12967	1.00000	(a)

QC Flag Legend

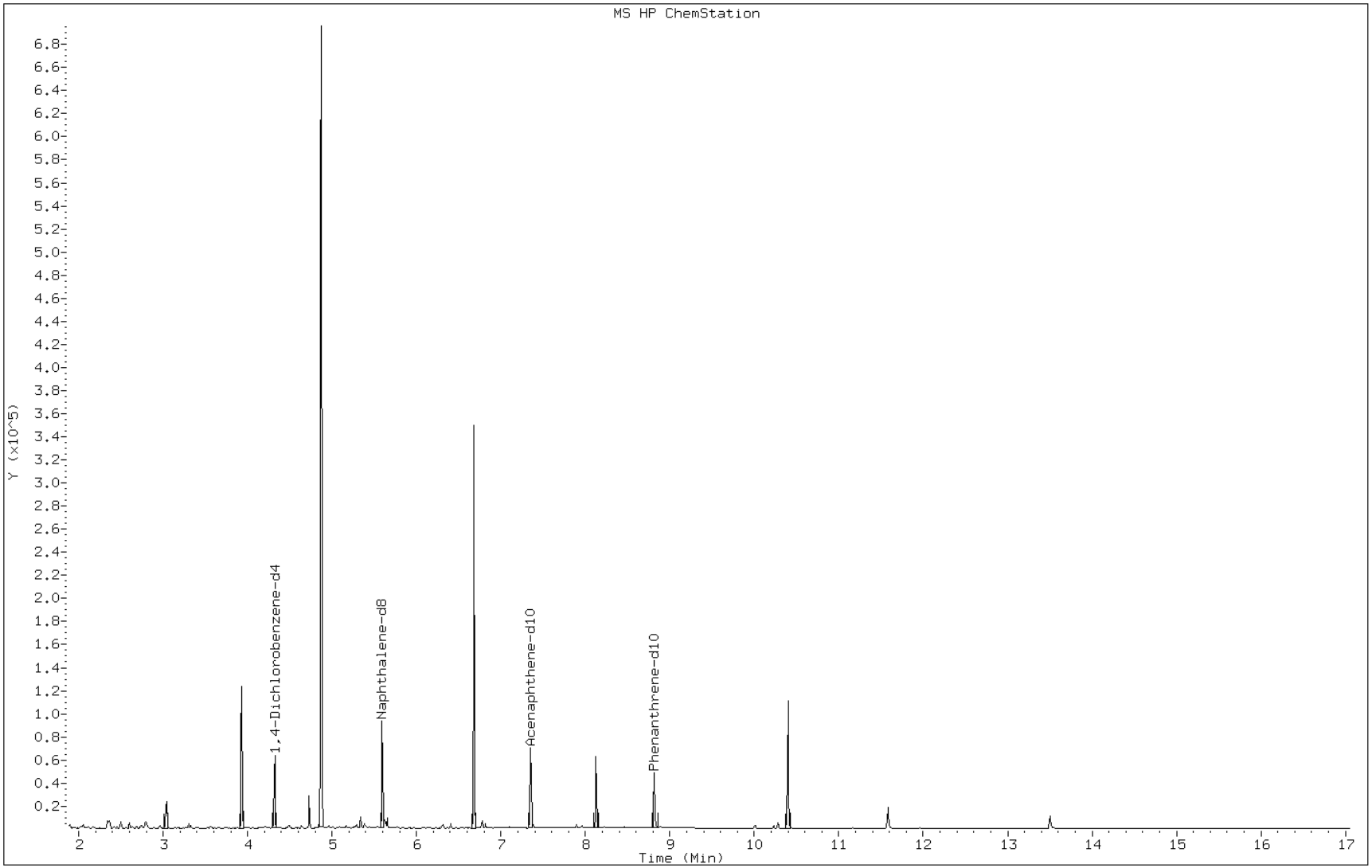
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: h86824.d

Date: 18-MAR-2010 19:05

Client ID: Instrument: BNAMS9.i

Sample Info: 460-10889-E-10-A Operator: BNAMS 4



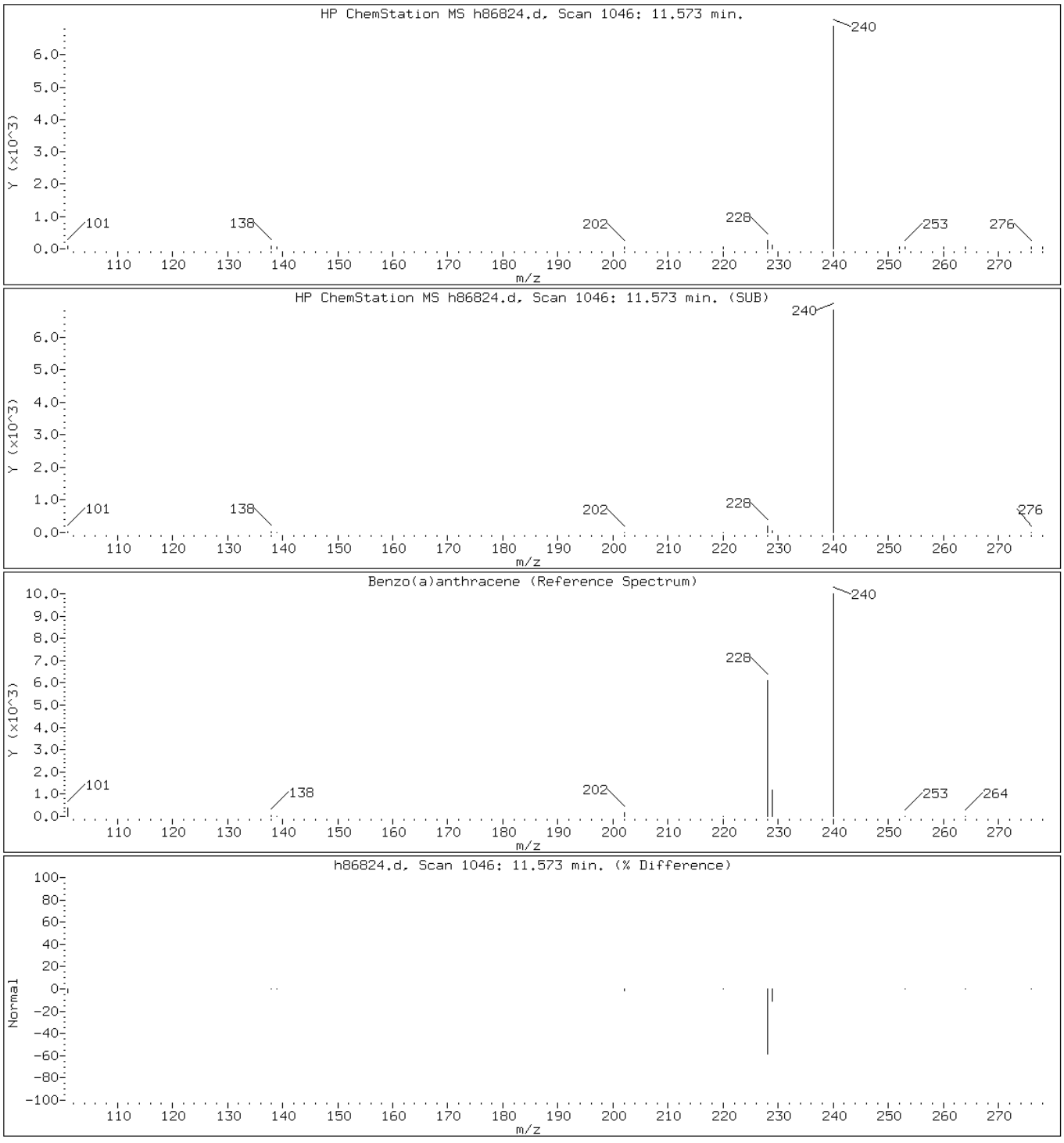
Data File: h86824.d

Date: 18-MAR-2010 19:05

Client ID: Instrument: BNAMS9.i

Sample Info: 460-10889-E-10-A Operator: BNAMS 4

61 Benzo(a)anthracene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-RAM-011 Lab Sample ID: 460-10889-11

Matrix: GW Lab File ID: h86825.d

Analysis Method: 8270C Date Collected: 03/02/2010 15:45

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/18/2010 19:31

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32430 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.051	U	0.051	0.020
50-32-8	Benzo[a]pyrene	0.051	U	0.051	0.031
205-99-2	Benzo[b]fluoranthene	0.051	U	0.051	0.041
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86825.d
Report Date: 19-Mar-2010 09:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86825.d
Lab Smp Id: 460-10889-F-11-A
Inj Date : 18-MAR-2010 19:31
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-10889-F-11-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/simpah.m
Meth Date : 18-Mar-2010 13:07 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)	
* 79 1,4-Dichlorobenzene-d4	152	4.322	4.322	(1.000)	25248	1.00000		(a)
* 80 Naphthalene-d8	136	5.593	5.593	(1.000)	78038	1.00000		(a)
31 Naphthalene	128	5.613	5.613	(1.003)	2468	0.02677	0.055	
* 82 Acenaphthene-d10	164	7.346	7.346	(1.000)	31845	1.00000		(a)
* 83 Phenanthrene-d10	188	8.818	8.818	(1.000)	39503	1.00000		(a)
* 81 Chrysene-d12	240	11.581	11.581	(1.000)	24720	1.00000		(aM)
* 84 Perylene-d12	264	13.503	13.503	(1.000)	15384	1.00000		(a)

QC Flag Legend

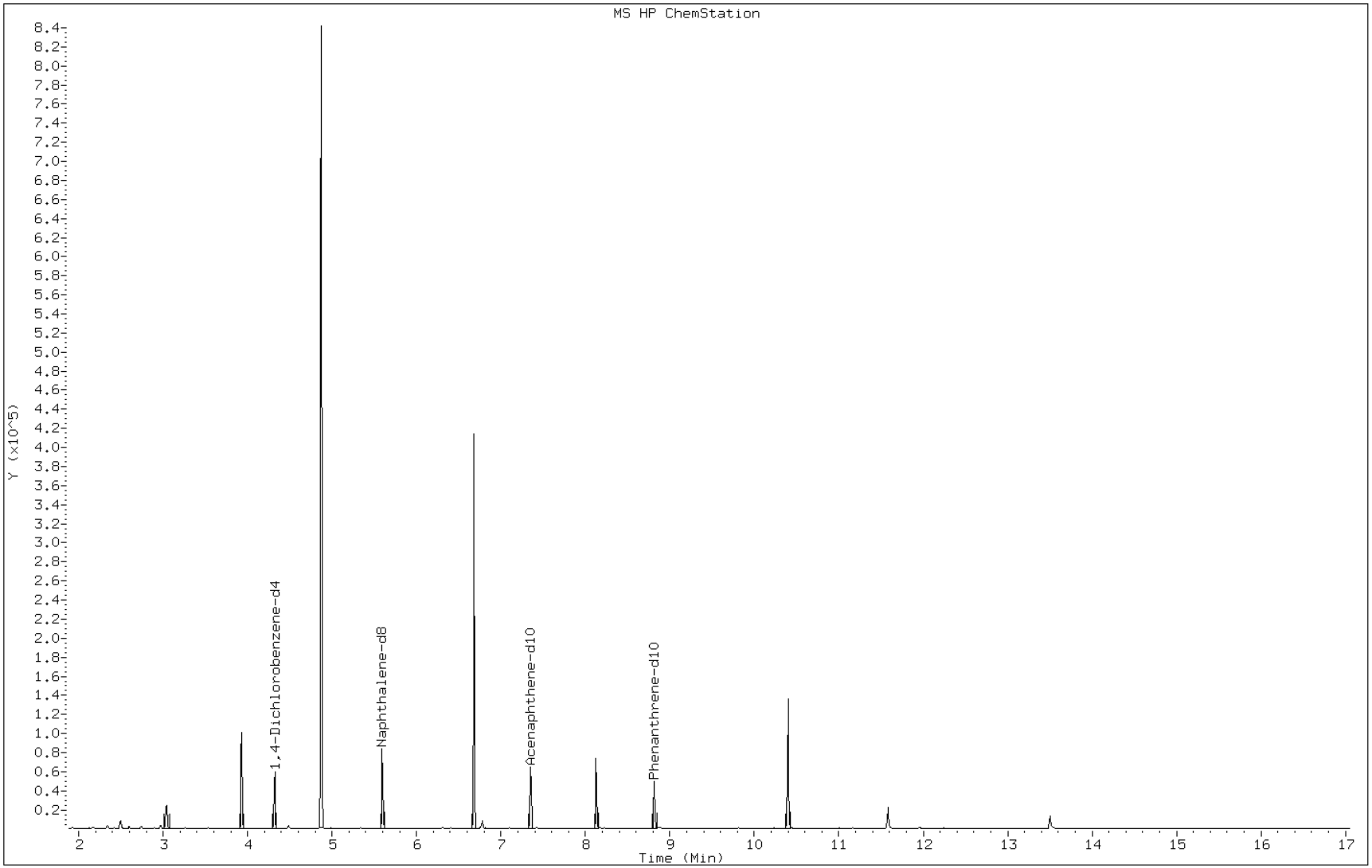
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: h86825.d

Date: 18-MAR-2010 19:31

Client ID: Instrument: BNAMS9.i

Sample Info: 460-10889-F-11-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-012 Lab Sample ID: 460-10889-12

Matrix: GW Lab File ID: h86826.d

Analysis Method: 8270C Date Collected: 03/02/2010 14:35

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/18/2010 19:57

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32430 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.051	U	0.051	0.020
50-32-8	Benzo[a]pyrene	0.051	U	0.051	0.031
205-99-2	Benzo[b]fluoranthene	0.051	U	0.051	0.041
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86826.d
Report Date: 19-Mar-2010 09:53

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86826.d
Lab Smp Id: 460-10889-E-12-A
Inj Date : 18-MAR-2010 19:57
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-10889-E-12-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/simpah.m
Meth Date : 18-Mar-2010 13:07 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)	
* 79 1,4-Dichlorobenzene-d4	152	4.322	4.322	(1.000)	34610	1.00000		(a)
* 80 Naphthalene-d8	136	5.603	5.593	(1.000)	114260	1.00000		(a)
31 Naphthalene	128	5.622	5.613	(1.003)	1384371	10.2574	21	(A)
* 82 Acenaphthene-d10	164	7.356	7.346	(1.000)	52546	1.00000		(a)
42 Acenaphthene	154	7.385	7.385	(1.004)	22787	0.35018	0.71	
47 Fluorene	166	7.892	7.892	(1.073)	7190	0.10653	0.22	
* 83 Phenanthrene-d10	188	8.818	8.818	(1.000)	52190	1.00000		(a)
52 Phenanthrene	178	8.837	8.837	(1.002)	11476	0.15860	0.32	
53 Anthracene	178	8.886	8.886	(1.008)	3929	0.06748	0.14	
56 Fluoranthene	202	10.012	10.004	(1.135)	25100	0.48727	0.99	
57 Pyrene	202	10.230	10.230	(1.000)	13645	0.26349	0.54	
* 81 Chrysene-d12	240	11.581	11.581	(1.000)	31567	1.00000		(aM)
* 84 Perylene-d12	264	13.503	13.503	(1.000)	22737	1.00000		(a)

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86826.d
Report Date: 19-Mar-2010 09:53

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
M - Compound response manually integrated.

Data File: h86826.d

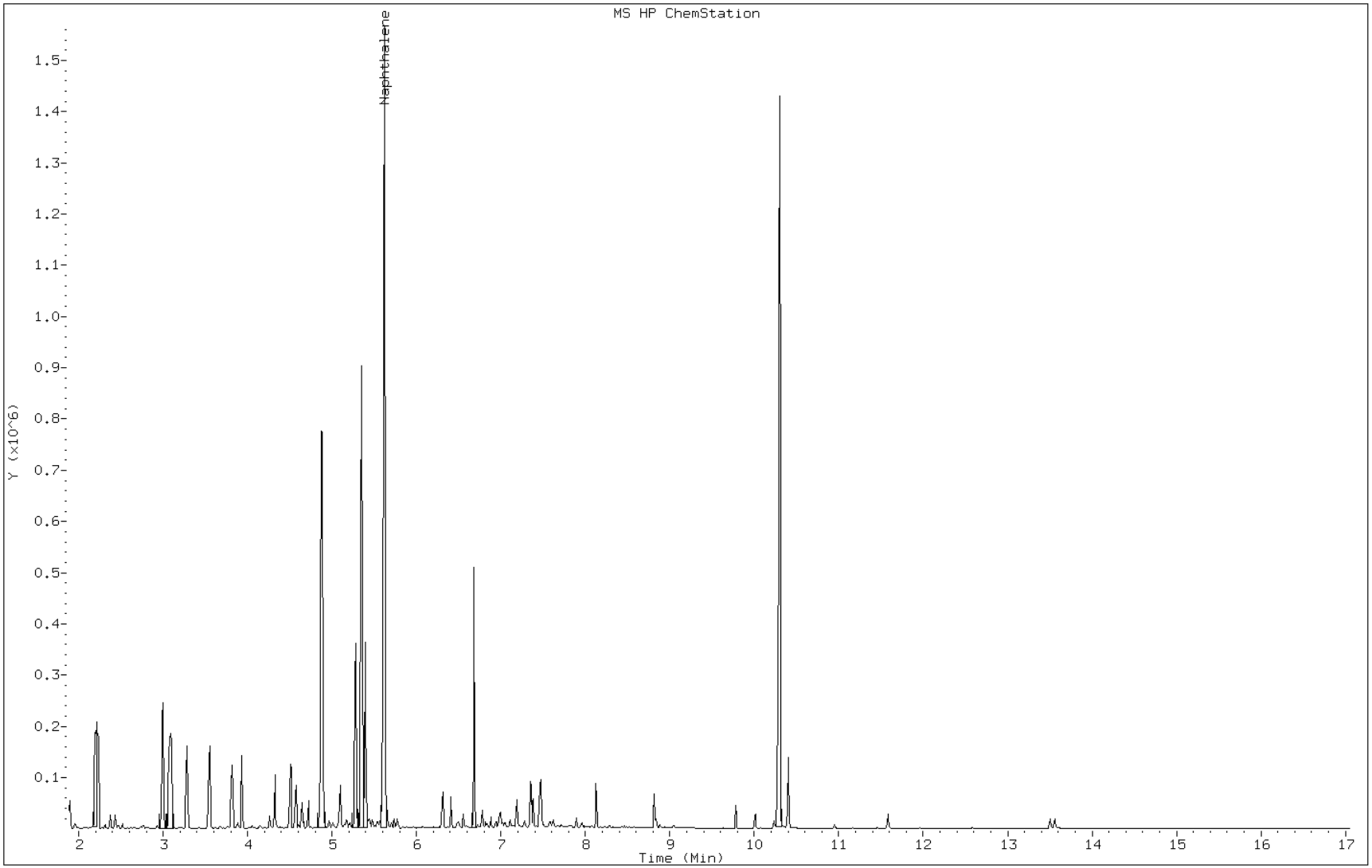
Date: 18-MAR-2010 19:57

Client ID:

Instrument: BNAMS9.i

Sample Info: 460-10889-E-12-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030210-ACH-013 Lab Sample ID: 460-10889-13

Matrix: GW Lab File ID: h86827.d

Analysis Method: 8270C Date Collected: 03/02/2010 15:45

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/18/2010 20:22

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32430 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.052		0.051	0.020
50-32-8	Benzo[a]pyrene	0.051	U	0.051	0.031
205-99-2	Benzo[b]fluoranthene	0.051	U	0.051	0.041
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86827.d
Report Date: 19-Mar-2010 09:54

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86827.d
Lab Smp Id: 460-10889-F-13-A
Inj Date : 18-MAR-2010 20:22
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-10889-F-13-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/simpah.m
Meth Date : 18-Mar-2010 13:07 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 79 1,4-Dichlorobenzene-d4	152	4.322	4.322	(1.000)	28364	1.00000	(a)
* 80 Naphthalene-d8	136	5.603	5.593	(1.000)	147596	1.00000	(a)
31 Naphthalene	128	5.632	5.613	(1.005)	12042352	69.0742	140(A)
39 Acenaphthylene	152	7.210	7.210	(0.980)	2123	0.02506	0.051(a)
* 82 Acenaphthene-d10	164	7.356	7.346	(1.000)	43931	1.00000	(a)
42 Acenaphthene	154	7.385	7.385	(1.004)	47129	0.86628	1.8
47 Fluorene	166	7.892	7.892	(1.073)	19141	0.33923	0.69
14 Pentachlorophenol	266	8.632	8.633	(0.979)	98	0.01979	0.040(a)
* 83 Phenanthrene-d10	188	8.818	8.818	(1.000)	44083	1.00000	(a)
52 Phenanthrene	178	8.837	8.837	(1.002)	37919	0.62041	1.3
53 Anthracene	178	8.886	8.886	(1.008)	18107	0.36816	0.75
56 Fluoranthene	202	10.012	10.004	(1.135)	67638	1.55453	3.2
57 Pyrene	202	10.230	10.230	(1.000)	38889	0.86389	1.8
61 Benzo(a)anthracene	228	11.573	11.565	(1.000)	761	0.02532	0.052
* 81 Chrysene-d12	240	11.581	11.581	(1.000)	27440	1.00000	(aM)

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86827.d
Report Date: 19-Mar-2010 09:54

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
62 Chrysene	228	11.613	11.613	(1.000)	621	0.01680	0.034(a)
* 84 Perylene-d12	264	13.503	13.503	(1.000)	19370	1.00000	(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.

Data File: h86827.d

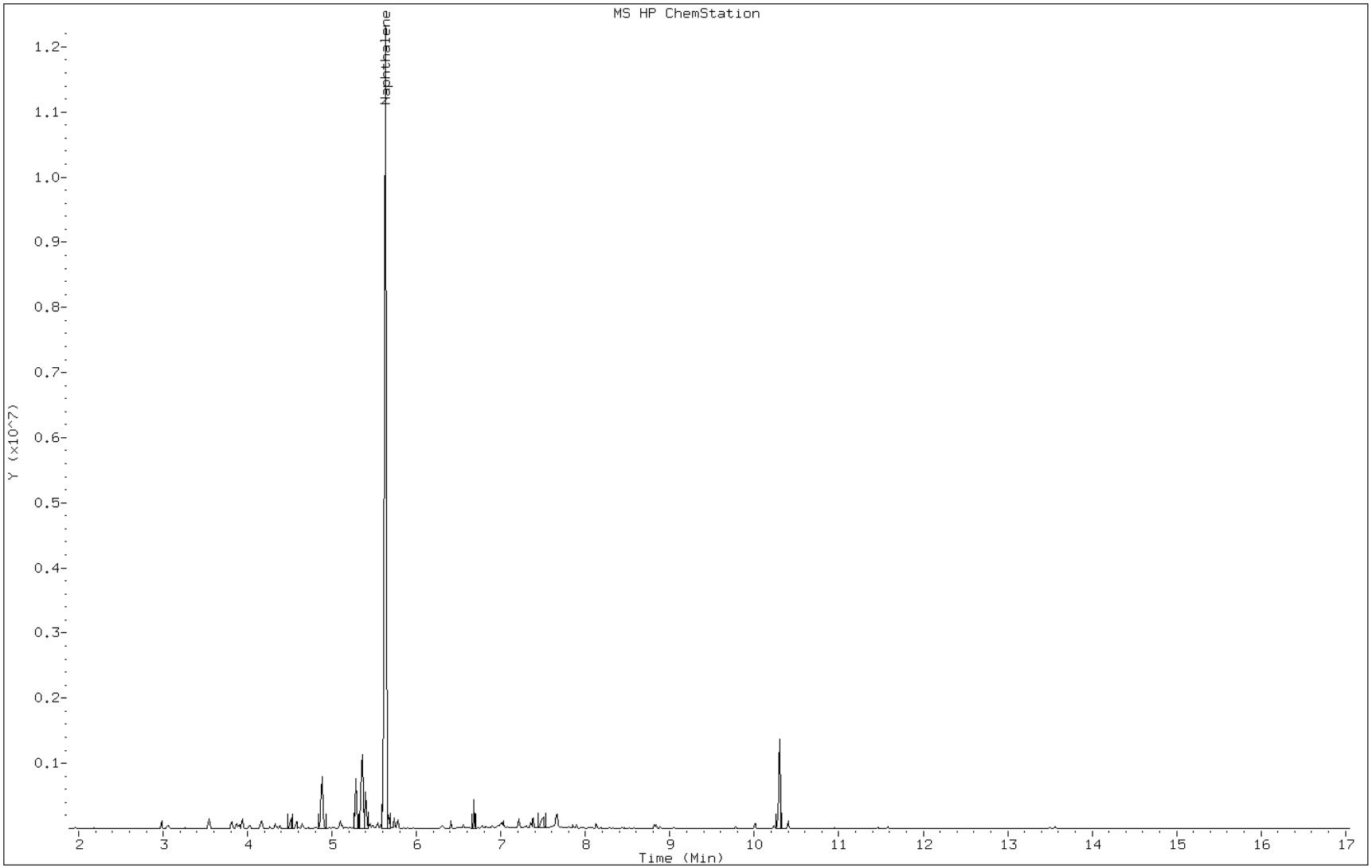
Date: 18-MAR-2010 20:22

Client ID:

Instrument: BNAMS9.i

Sample Info: 460-10889-F-13-A

Operator: BNAMS 4



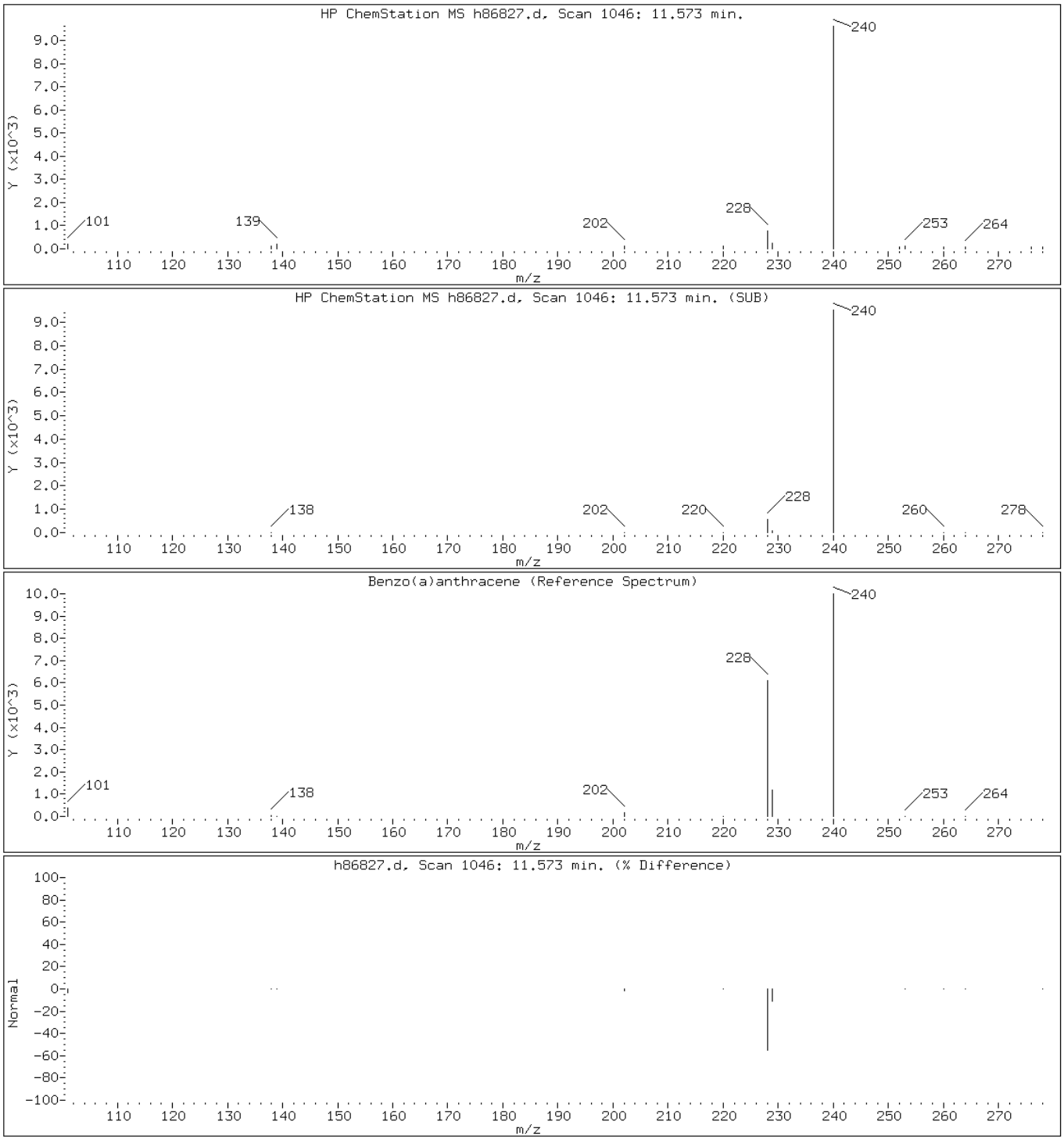
Data File: h86827.d

Date: 18-MAR-2010 20:22

Client ID: Instrument: BNAMS9.i

Sample Info: 460-10889-F-13-A Operator: BNAMS 4

61 Benzo(a)anthracene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-014 Lab Sample ID: 460-10889-14

Matrix: GW Lab File ID: h86829.d

Analysis Method: 8270C Date Collected: 03/03/2010 09:55

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/18/2010 21:13

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32430 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.051	U	0.051	0.020
50-32-8	Benzo[a]pyrene	0.051	U	0.051	0.031
205-99-2	Benzo[b]fluoranthene	0.051	U	0.051	0.041
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86829.d
Report Date: 19-Mar-2010 09:55

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86829.d
Lab Smp Id: 460-10889-F-14-A
Inj Date : 18-MAR-2010 21:13
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-10889-F-14-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/simpah.m
Meth Date : 18-Mar-2010 13:07 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)	
* 79 1,4-Dichlorobenzene-d4	152	4.322	4.322	(1.000)	26297	1.00000		(a)
* 80 Naphthalene-d8	136	5.593	5.593	(1.000)	79817	1.00000		(a)
31 Naphthalene	128	5.613	5.613	(1.003)	20075	0.21293	0.43	
* 82 Acenaphthene-d10	164	7.346	7.346	(1.000)	30500	1.00000		(a)
* 83 Phenanthrene-d10	188	8.818	8.818	(1.000)	34232	1.00000		(a)
* 81 Chrysene-d12	240	11.581	11.581	(1.000)	17180	1.00000		(aM)
* 84 Perylene-d12	264	13.503	13.503	(1.000)	12113	1.00000		(a)

QC Flag Legend

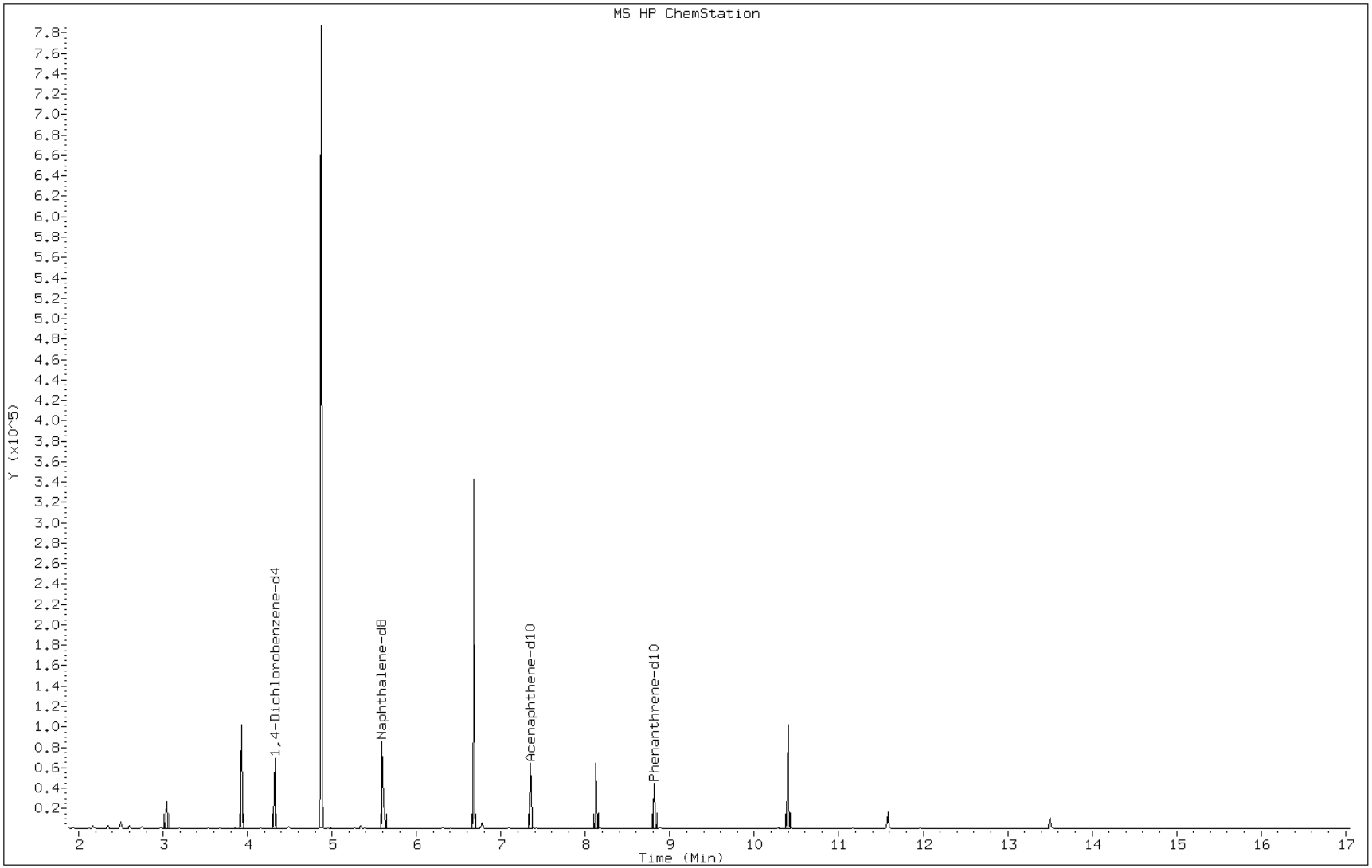
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: h86829.d

Date: 18-MAR-2010 21:13

Client ID: Instrument: BNAMS9.i

Sample Info: 460-10889-F-14-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-015 Lab Sample ID: 460-10889-15

Matrix: GW Lab File ID: h86830.d

Analysis Method: 8270C Date Collected: 03/03/2010 11:00

Extract. Method: 3510C Date Extracted: 03/05/2010 07:35

Sample wt/vol: 980(mL) Date Analyzed: 03/18/2010 21:39

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32430 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.051	U	0.051	0.020
50-32-8	Benzo[a]pyrene	0.051	U	0.051	0.031
205-99-2	Benzo[b]fluoranthene	0.051	U	0.051	0.041
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86830.d
Report Date: 19-Mar-2010 09:55

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86830.d
Lab Smp Id: 460-10889-F-15-A
Inj Date : 18-MAR-2010 21:39
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-10889-F-15-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/simpah.m
Meth Date : 18-Mar-2010 13:07 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	980.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 79 1,4-Dichlorobenzene-d4	152	4.322	4.322	(1.000)	24150	1.00000	(a)
* 80 Naphthalene-d8	136	5.593	5.593	(1.000)	73915	1.00000	(a)
31 Naphthalene	128	5.613	5.613	(1.003)	1129	0.01293	0.026(a)
* 82 Acenaphthene-d10	164	7.346	7.346	(1.000)	30152	1.00000	(a)
* 83 Phenanthrene-d10	188	8.818	8.818	(1.000)	37638	1.00000	(a)
* 81 Chrysene-d12	240	11.581	11.581	(1.000)	26662	1.00000	(aM)
* 84 Perylene-d12	264	13.503	13.503	(1.000)	17366	1.00000	(a)

QC Flag Legend

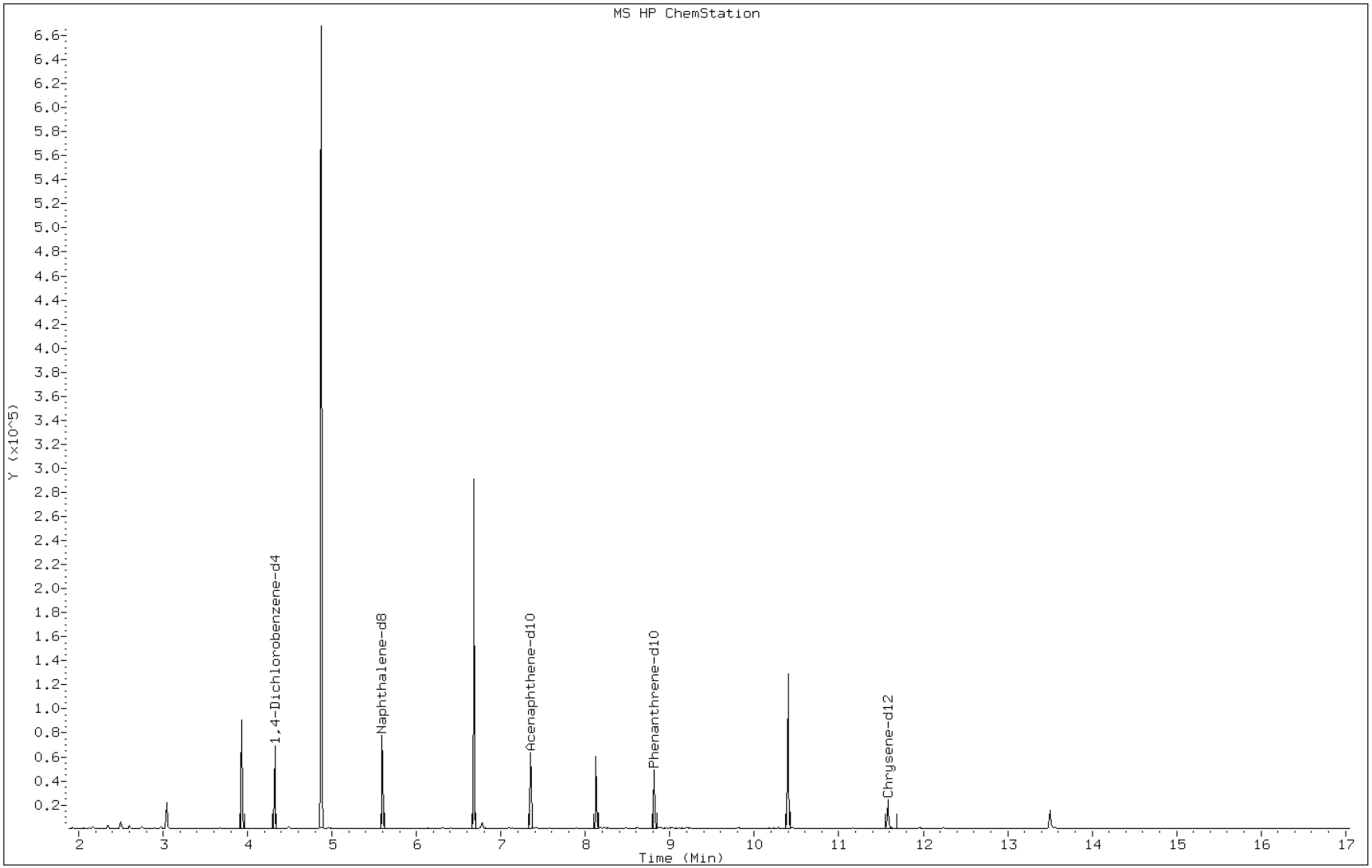
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: h86830.d

Date: 18-MAR-2010 21:39

Client ID: Instrument: BNAMS9.i

Sample Info: 460-10889-F-15-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-016 Lab Sample ID: 460-10889-16

Matrix: GW Lab File ID: h86832.d

Analysis Method: 8270C Date Collected: 03/03/2010 11:00

Extract. Method: 3510C Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/18/2010 22:30

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32430 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.020
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.030
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.040
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86832.d
Report Date: 19-Mar-2010 09:56

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86832.d
Lab Smp Id: 460-10889-E-16-A
Inj Date : 18-MAR-2010 22:30
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-10889-E-16-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/simpah.m
Meth Date : 18-Mar-2010 13:07 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
* 79 1,4-Dichlorobenzene-d4	152	4.322	4.322	(1.000)	30482	1.00000	
* 80 Naphthalene-d8	136	5.593	5.593	(1.000)	99438	1.00000	
31 Naphthalene	128	5.613	5.613	(1.003)	54786	0.46644	0.93
* 82 Acenaphthene-d10	164	7.346	7.346	(1.000)	44694	1.00000	
42 Acenaphthene	154	7.385	7.385	(1.005)	1974	0.03566	0.071
47 Fluorene	166	7.892	7.892	(1.074)	1740	0.03031	0.061
* 83 Phenanthrene-d10	188	8.818	8.818	(1.000)	54315	1.00000	
52 Phenanthrene	178	8.837	8.837	(1.002)	391	0.00519	0.010(a)
53 Anthracene	178	8.886	8.886	(1.008)	859	0.01418	0.028(a)
56 Fluoranthene	202	10.005	10.004	(1.135)	2209	0.04121	0.082
57 Pyrene	202	10.230	10.230	(1.000)	1407	0.02992	0.060
* 81 Chrysene-d12	240	11.581	11.581	(1.000)	28668	1.00000	(M)
* 84 Perylene-d12	264	13.503	13.503	(1.000)	18423	1.00000	

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86832.d
Report Date: 19-Mar-2010 09:56

QC Flag Legend

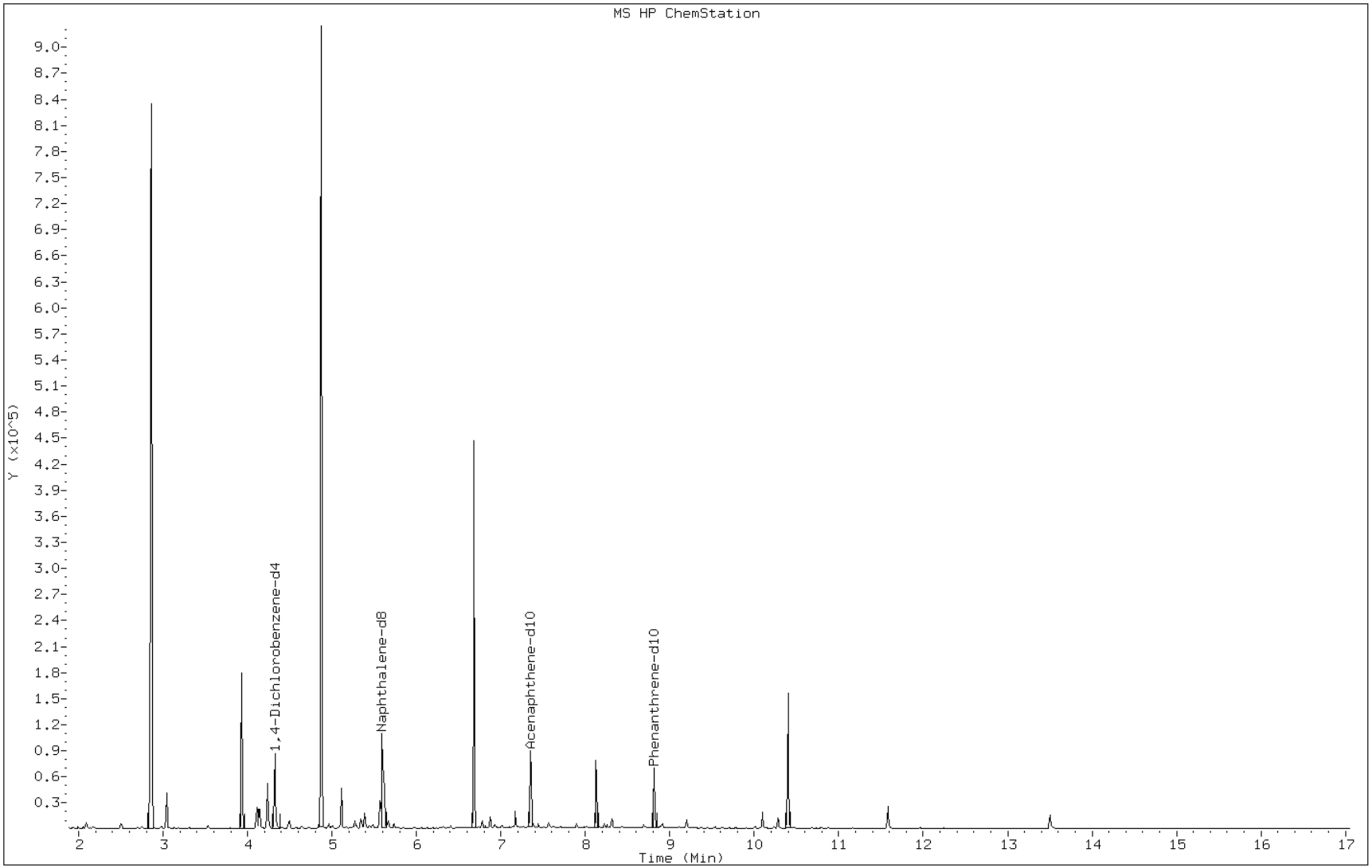
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: h86832.d

Date: 18-MAR-2010 22:30

Client ID: Instrument: BNAMS9.i

Sample Info: 460-10889-E-16-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-017 Lab Sample ID: 460-10889-17

Matrix: GW Lab File ID: h86833.d

Analysis Method: 8270C Date Collected: 03/03/2010 11:30

Extract. Method: 3510C Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/18/2010 22:56

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32430 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.020
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.030
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.040
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86833.d
Report Date: 22-Mar-2010 10:25

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86833.d
Lab Smp Id: 460-10889-F-17-A
Inj Date : 18-MAR-2010 22:56
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-10889-F-17-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/simpah.m
Meth Date : 18-Mar-2010 13:07 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 79 1,4-Dichlorobenzene-d4	152	4.322	4.322	(1.000)	29251	1.00000	
* 80 Naphthalene-d8	136	5.593	5.593	(1.000)	93596	1.00000	
31 Naphthalene	128	5.613	5.613	(1.003)	667458	6.03734	12(A)
* 82 Acenaphthene-d10	164	7.346	7.346	(1.000)	45106	1.00000	
14 Pentachlorophenol	266	8.633	8.633	(0.979)	84	0.01715	0.034(a)
* 83 Phenanthrene-d10	188	8.818	8.818	(1.000)	43611	1.00000	
52 Phenanthrene	178	8.837	8.837	(1.002)	776	0.01283	0.026(a)
* 81 Chrysene-d12	240	11.581	11.581	(1.000)	32053	1.00000	(M)
* 84 Perylene-d12	264	13.503	13.503	(1.000)	22942	1.00000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86833.d
Report Date: 22-Mar-2010 10:25

QC Flag Legend

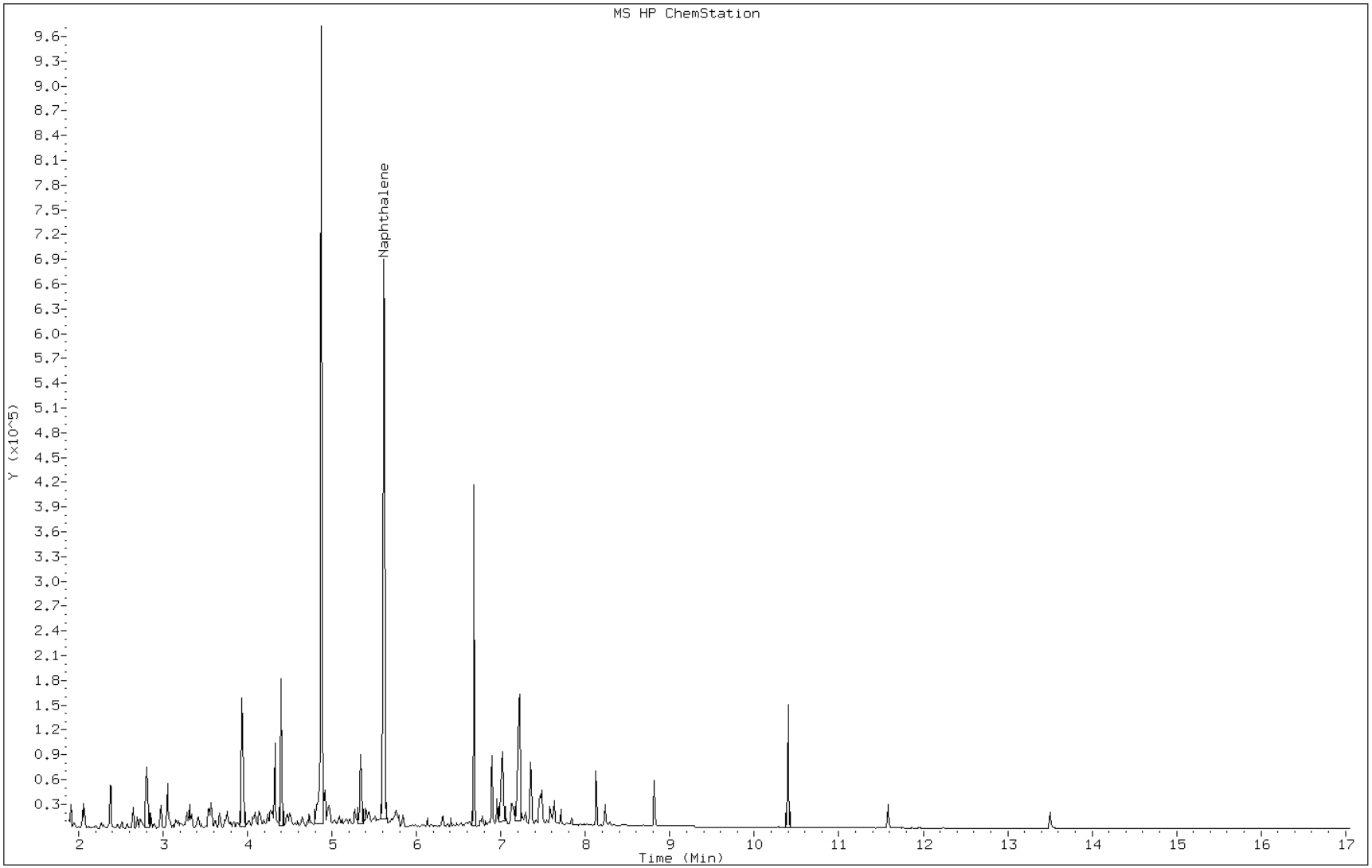
M - Compound response manually integrated.

Data File: h86833.d

Date: 18-MAR-2010 22:56

Client ID: Instrument: BNAMS9.i

Sample Info: 460-10889-F-17-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-018 Lab Sample ID: 460-10889-18

Matrix: GW Lab File ID: h86859.d

Analysis Method: 8270C Date Collected: 03/03/2010 12:00

Extract. Method: 3510C Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/19/2010 12:52

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32627 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.020
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.030
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.040
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/h86859.d
Report Date: 19-Mar-2010 14:49

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/h86859.d
Lab Smp Id: 460-10889-F-18-A
Inj Date : 19-MAR-2010 12:52
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-10889-F-18-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/simpah.m
Meth Date : 19-Mar-2010 12:50 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
* 79 1,4-Dichlorobenzene-d4	152	4.283	4.283	(1.000)	34993	1.00000	
* 80 Naphthalene-d8	136	5.564	5.564	(1.000)	112949	1.00000	
31 Naphthalene	128	5.583	5.584	(1.003)	28742	0.21543	0.43
* 82 Acenaphthene-d10	164	7.317	7.317	(1.000)	50107	1.00000	
14 Pentachlorophenol	266	8.603	8.603	(0.979)	117	0.01777	0.036(a)
* 83 Phenanthrene-d10	188	8.788	8.789	(1.000)	58596	1.00000	
52 Phenanthrene	178	8.808	8.808	(1.002)	720	0.00886	0.018(a)
* 81 Chrysene-d12	240	11.548	11.549	(1.000)	29829	1.00000	(M)
* 84 Perylene-d12	264	13.462	13.454	(1.000)	19413	1.00000	

QC Flag Legend

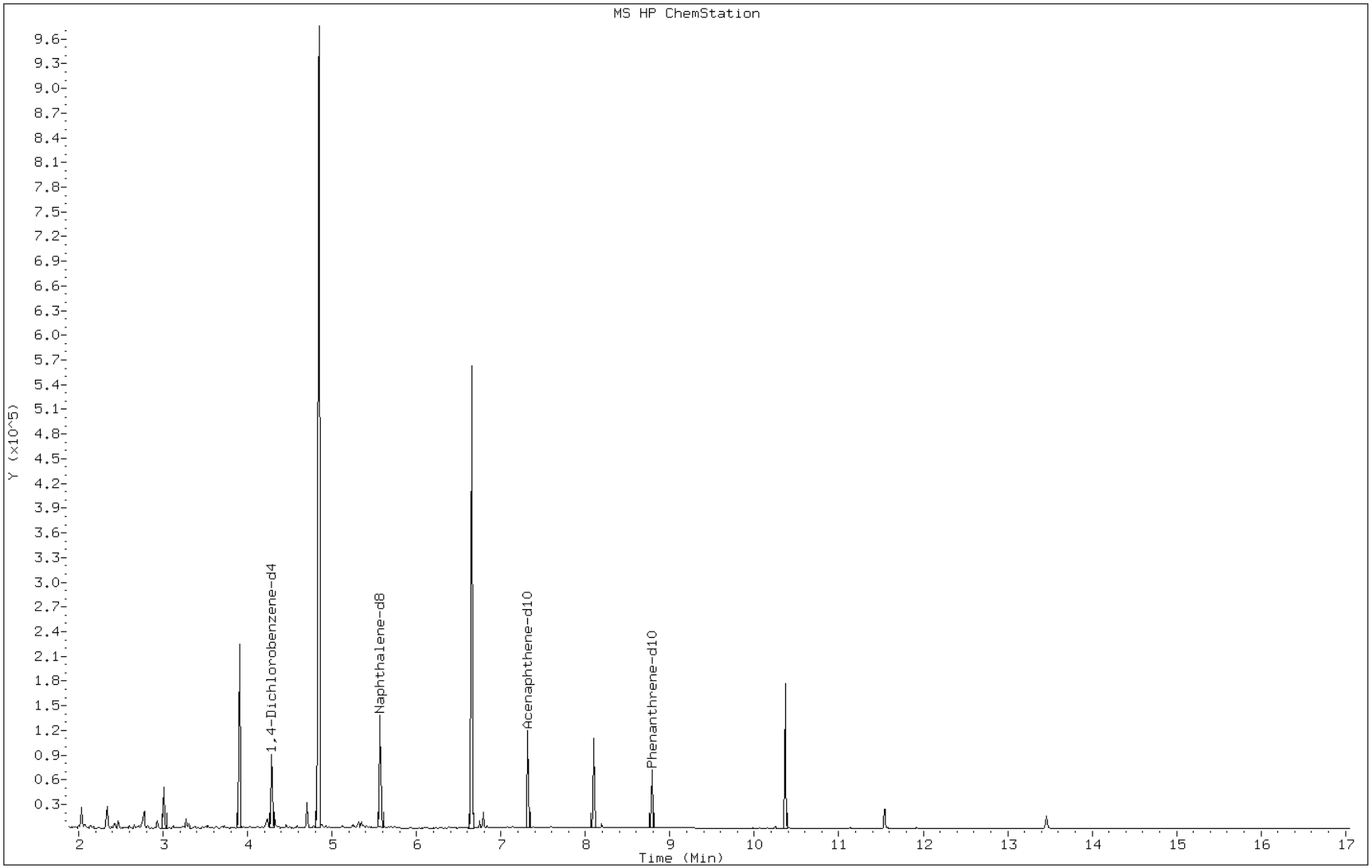
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: h86859.d

Date: 19-MAR-2010 12:52

Client ID: Instrument: BNAMS9.i

Sample Info: 460-10889-F-18-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-019 Lab Sample ID: 460-10889-19

Matrix: GW Lab File ID: h86860.d

Analysis Method: 8270C Date Collected: 03/03/2010 12:55

Extract. Method: 3510C Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/19/2010 13:18

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32627 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.020
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.030
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.040
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/h86860.d
Report Date: 19-Mar-2010 14:50

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/h86860.d
Lab Smp Id: 460-10889-F-19-A
Inj Date : 19-MAR-2010 13:18
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-10889-F-19-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/simpah.m
Meth Date : 19-Mar-2010 12:50 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
* 79 1,4-Dichlorobenzene-d4	152	4.302	4.283	(1.000)	32740	1.00000	
* 80 Naphthalene-d8	136	5.574	5.564	(1.000)	109453	1.00000	
31 Naphthalene	128	5.593	5.584	(1.003)	88775	0.68666	1.4
* 82 Acenaphthene-d10	164	7.327	7.317	(1.000)	77534	1.00000	
14 Pentachlorophenol	266	8.623	8.603	(0.981)	336	0.04775	0.095(a)
* 83 Phenanthrene-d10	188	8.788	8.789	(1.000)	62589	1.00000	
52 Phenanthrene	178	8.818	8.808	(1.003)	360	0.00415	0.0083(a)
* 81 Chrysene-d12	240	11.540	11.549	(1.000)	43672	1.00000	(M)
* 84 Perylene-d12	264	13.454	13.454	(1.000)	30275	1.00000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: h86860.d

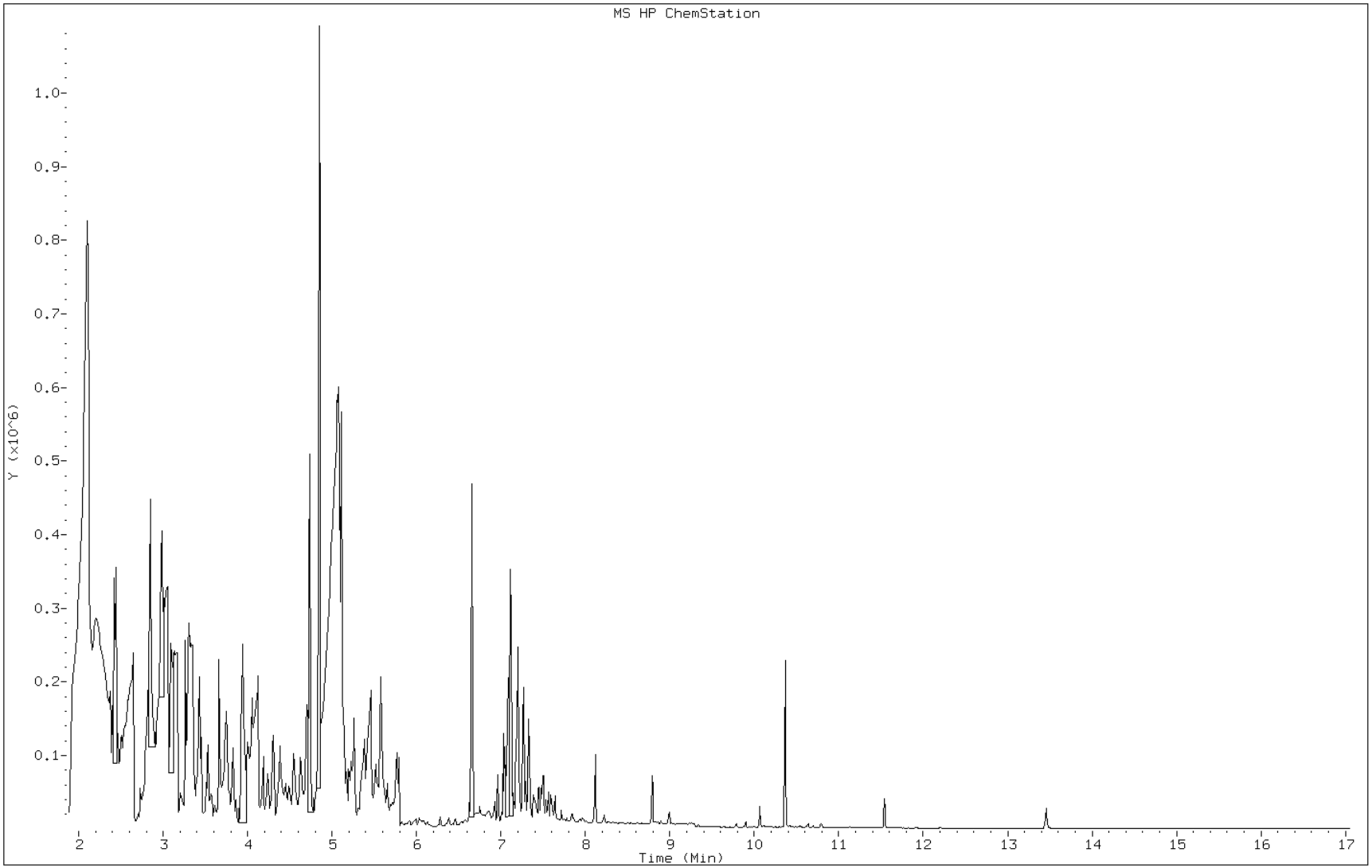
Date: 19-MAR-2010 13:18

Client ID:

Instrument: BNAMS9.i

Sample Info: 460-10889-F-19-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-ACH-020 Lab Sample ID: 460-10889-20

Matrix: GW Lab File ID: h86861.d

Analysis Method: 8270C Date Collected: 03/03/2010 13:40

Extract. Method: 3510C Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/19/2010 13:43

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32627 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.020
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.030
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.040
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/h86861.d
Report Date: 19-Mar-2010 14:51

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/h86861.d
Lab Smp Id: 460-10889-F-20-A
Inj Date : 19-MAR-2010 13:43
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-10889-F-20-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/simpah.m
Meth Date : 19-Mar-2010 12:50 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
* 79 1,4-Dichlorobenzene-d4	152	4.292	4.283	(1.000)	39568	1.00000	
* 80 Naphthalene-d8	136	5.574	5.564	(1.000)	122025	1.00000	
31 Naphthalene	128	5.593	5.584	(1.003)	53693	0.37252	0.74
* 82 Acenaphthene-d10	164	7.327	7.317	(1.000)	53867	1.00000	
14 Pentachlorophenol	266	8.613	8.603	(0.980)	242	0.03355	0.067(a)
* 83 Phenanthrene-d10	188	8.788	8.789	(1.000)	64173	1.00000	
* 81 Chrysene-d12	240	11.540	11.549	(1.000)	42008	1.00000	(M)
* 84 Perylene-d12	264	13.454	13.454	(1.000)	28542	1.00000	

QC Flag Legend

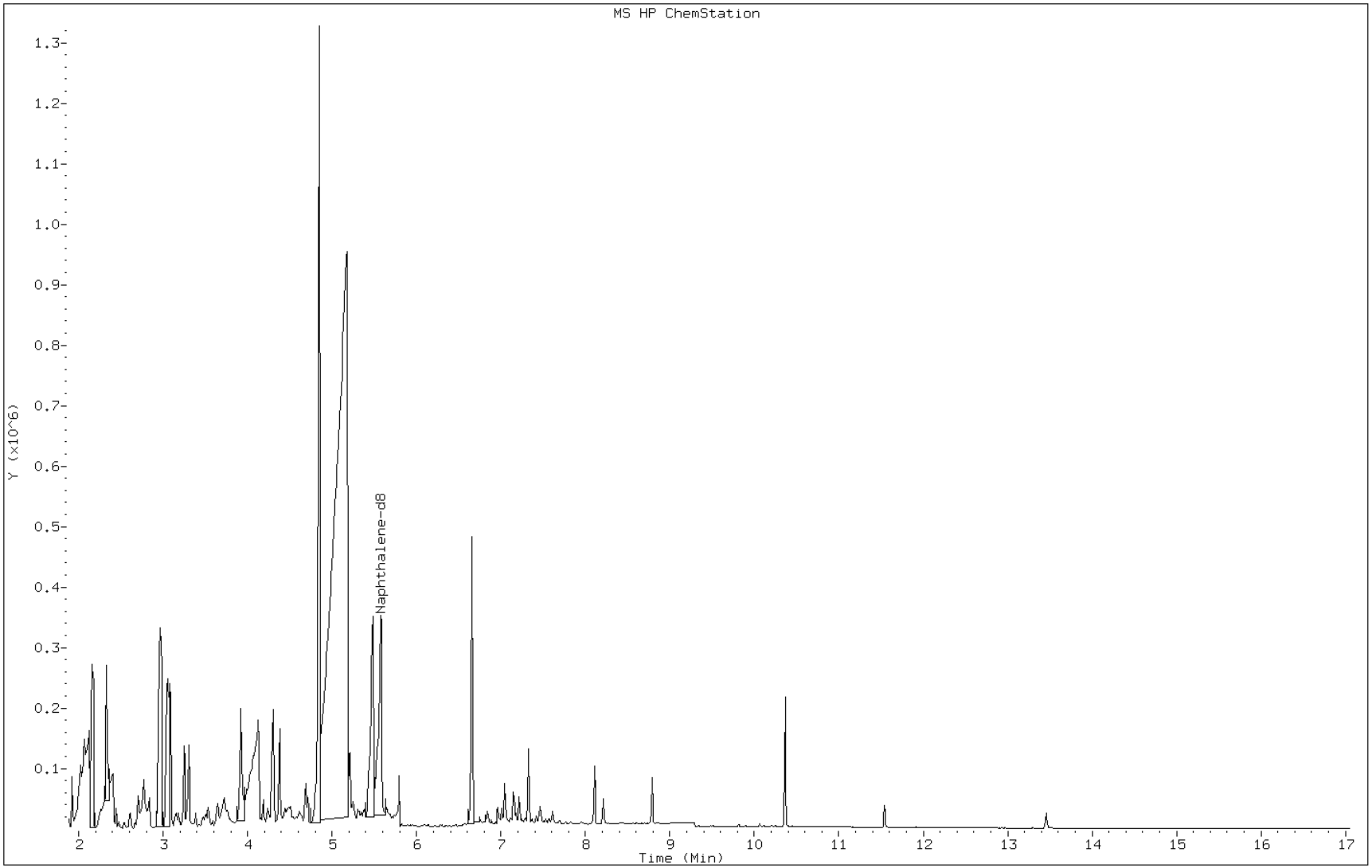
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: h86861.d

Date: 19-MAR-2010 13:43

Client ID: Instrument: BNAMS9.i

Sample Info: 460-10889-F-20-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Client Sample ID: GW-017338-030310-RAM-021 Lab Sample ID: 460-10889-21

Matrix: GW Lab File ID: h86925.d

Analysis Method: 8270C Date Collected: 03/03/2010 14:00

Extract. Method: 3510C Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) Date Analyzed: 03/22/2010 19:36

Con. Extract Vol.: 2(mL) Dilution Factor: 2

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 32791 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.10	U	0.10	0.040
50-32-8	Benzo[a]pyrene	0.10	U	0.10	0.060
205-99-2	Benzo[b]fluoranthene	0.10	U	0.10	0.080
87-86-5	Pentachlorophenol	0.40	U	0.40	0.28
118-74-1	Hexachlorobenzene	0.040	U	0.040	0.020

Data File: /chem/BNAMS9.i/SIMT/03-17-10/22mar10.b/h86925.d
Report Date: 23-Mar-2010 08:58

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/22mar10.b/h86925.d
Lab Smp Id: 460-10889-F-21-A
Inj Date : 22-MAR-2010 19:36
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-10889-F-21-A
Misc Info : 2x
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/22mar10.b/simpah.m
Meth Date : 23-Mar-2010 08:37 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 8
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 79 1,4-Dichlorobenzene-d4	152	4.206	4.196	(1.000)	25635	1.00000	
* 80 Naphthalene-d8	136	5.487	5.478	(1.000)	75755	1.00000	
31 Naphthalene	128	5.507	5.497	(1.004)	17683139	197.618	790(A)
* 82 Acenaphthene-d10	164	7.231	7.231	(1.000)	35681	1.00000	
14 Pentachlorophenol	266	8.517	8.517	(0.980)	130	0.03527	0.14(a)
* 83 Phenanthrene-d10	188	8.692	8.692	(1.000)	32796	1.00000	
* 81 Chrysene-d12	240	11.428	11.428	(1.000)	22387	1.00000	(M)
* 84 Perylene-d12	264	13.318	13.326	(1.000)	16670	1.00000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: /chem/BNAMS9.i/SIMT/03-17-10/22mar10.b/h86925.d
Report Date: 23-Mar-2010 08:58

QC Flag Legend

M - Compound response manually integrated.

Data File: h86925.d

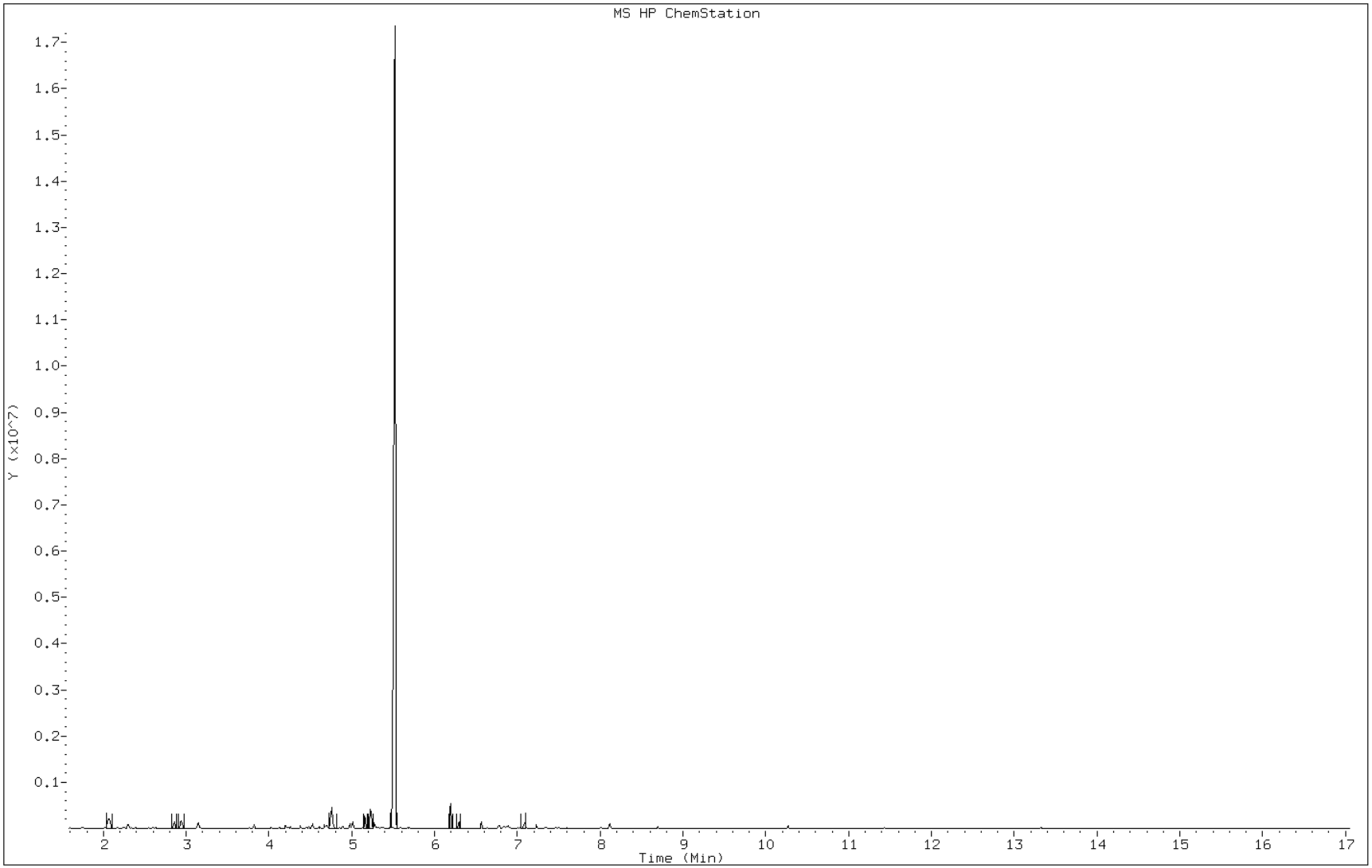
Date: 22-MAR-2010 19:36

Client ID:

Instrument: BNAMS9.i

Sample Info: 460-10889-F-21-A

Operator: BNAMS 4



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 32306

SDG No.:

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/17/2010 10:31 Calibration End Date: 03/17/2010 12:41 Calibration ID: 5359

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-32306/3	h86761.d
Level 2	IC 460-32306/4	h86762.d
Level 3	ICIS 460-32306/2	h86760.d
Level 4	IC 460-32306/5	h86763.d
Level 5	IC 460-32306/6	h86764.d
Level 6	IC 460-32306/7	h86765.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodimethylamine	0.5758 0.6045	0.5995	0.5912	0.6253	0.6012	Ave		0.5996				2.7		15.0			
Naphthalene	1.3812 1.1196	1.1566	1.1406	1.1515	1.1375	Ave		1.1812				8.4		15.0			
Acenaphthylene	2.3037 1.8907	1.8228	1.8748	1.8134	1.8633	Ave		1.9281				9.7		15.0			
Acenaphthene	1.4473 1.1880	1.2270	1.2021	1.1792	1.1869	Ave		1.2384				8.4		30.0			
Fluorene	1.4630 1.2474	1.2768	1.2579	1.2327	1.2287	Ave		1.2844				6.9		15.0			
Hexachlorobenzene	0.4035 0.3551	0.3488	0.3311	0.3577	0.3591	Ave		0.3592				6.7		15.0			
Pentachlorophenol	0.0797 0.1357	0.0867	0.1143	0.1141	0.1206	QuaF		8.9065	-2.269						0.9998		0.9900
Phenanthrene	1.6247 1.3433	1.3551	1.3069	1.3422	1.3465	Ave		1.3865				8.5		15.0			
Anthracene	1.2716 1.1562	1.0303	1.0647	1.0665	1.1048	Ave		1.1157				7.9		15.0			
Fluoranthene	1.1069 0.9659	0.9602	0.9650	0.9635	0.9605	Ave		0.9870				6.0		30.0			
Pyrene	1.9769 1.6868	1.5639	1.5656	1.5259	1.5239	Ave		1.6405				10.7		15.0			
Benzo[a]anthracene	1.3409 1.0515	1.0442	1.1087	1.0071	1.0205	Ave		1.0955				11.4		15.0			
Chrysene	1.5842 1.2621	1.3253	1.3084	1.3215	1.2816	Ave		1.3472				8.8		15.0			
Benzo[b]fluoranthene	1.6993 1.3382	1.3507	1.3295	1.3340	1.2621	Ave		1.3856				11.3		15.0			
Benzo[k]fluoranthene	1.6445 1.6478	1.3429	1.3519	1.5437	1.5823	Ave		1.5188				9.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 32306

SDG No.:

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/17/2010 10:31 Calibration End Date: 03/17/2010 12:41 Calibration ID: 5359

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzo[a]pyrene	1.3065 1.1614	1.0179	1.0740	1.0693	1.0915	Ave		1.1201				9.1		30.0			
Indeno[1,2,3-cd]pyrene	1.0118 0.8856	0.8554	0.7674	0.8163	0.8409	Ave		0.8629				9.6		15.0			
Dibenz(a,h)anthracene	0.9456 0.9847	0.8300	0.8221	0.8862	0.9476	Ave		0.9027				7.5		15.0			
Benzo[g,h,i]perylene	1.1077 1.0433	0.9435	0.9095	0.9666	1.0087	Ave		0.9966				7.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 32306

SDG No.:

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/17/2010 10:31 Calibration End Date: 03/17/2010 12:41 Calibration ID: 5359

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-32306/3	h86761.d
Level 2	IC 460-32306/4	h86762.d
Level 3	ICIS 460-32306/2	h86760.d
Level 4	IC 460-32306/5	h86763.d
Level 5	IC 460-32306/6	h86764.d
Level 6	IC 460-32306/7	h86765.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
N-Nitrosodimethylamine	DCB	Ave	1581 90976	4196	6915	16150	32503	0.100 5.00	0.250	0.500	1.00	2.00
Naphthalene	NPT	Ave	3091 214236	5328	8846	47318	98061	0.0250 2.00	0.0500	0.100	0.500	1.00
Acenaphthylene	ANT	Ave	2362 156682	3732	6574	32475	67162	0.0250 2.00	0.0500	0.100	0.500	1.00
Acenaphthene	ANT	Ave	1484 98446	2512	4215	21117	42779	0.0250 2.00	0.0500	0.100	0.500	1.00
Fluorene	ANT	Ave	1500 103369	2614	4411	22076	44286	0.0250 2.00	0.0500	0.100	0.500	1.00
Hexachlorobenzene	PHN	Ave	197 84993	458	1464	15476	30185	0.0100 5.00	0.0250	0.100	1.00	2.00
Pentachlorophenol	PHN	QuaF	389 32477	1139	2528	4937	10140	0.100 5.00	0.250	0.500	1.00	2.00
Phenanthrene	PHN	Ave	1983 128601	3559	5779	29040	56587	0.0250 2.00	0.0500	0.100	0.500	1.00
Anthracene	PHN	Ave	1552 110688	2706	4708	23075	46430	0.0250 2.00	0.0500	0.100	0.500	1.00
Fluoranthene	PHN	Ave	1351 92472	2522	4267	20845	40368	0.0250 2.00	0.0500	0.100	0.500	1.00
Pyrene	CRY	Ave	1349 95030	2504	4334	21473	41658	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[a]anthracene	CRY	Ave	915 59237	1672	3069	14172	27898	0.0250 2.00	0.0500	0.100	0.500	1.00
Chrysene	CRY	Ave	1081 71106	2122	3622	18597	35034	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[b]fluoranthene	PRY	Ave	744 48816	1380	2602	12789	25099	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[k]fluoranthene	PRY	Ave	720 60113	1372	2646	14799	31465	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[a]pyrene	PRY	Ave	572 42368	1040	2102	10251	21705	0.0250 2.00	0.0500	0.100	0.500	1.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-10889-1 Analy Batch No.: 32306

SDG No.:

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/17/2010 10:31 Calibration End Date: 03/17/2010 12:41 Calibration ID: 5359

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Indeno[1,2,3-cd]pyrene	PRY	Ave	443 32305	874	1502	7826	16722	0.0250 2.00	0.0500	0.100	0.500	1.00
Dibenz(a,h)anthracene	PRY	Ave	414 35922	848	1609	8496	18844	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[g,h,i]perylene	PRY	Ave	485 38059	964	1780	9267	20060	0.0250 2.00	0.0500	0.100	0.500	1.00

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

Data File: /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/h86760.d
Report Date: 17-Mar-2010 12:20

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/h86760.d
Lab Smp Id: ICIS-348061
Inj Date : 17-MAR-2010 10:31
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : ICIS-348061
Misc Info : bna-4432
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/simpah.m
Meth Date : 17-Mar-2010 12:20 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 10:31 Cal File: h86760.d
Als bottle: 2 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.963	1.963	(0.450)	6915	0.50000	0.50
*	79 1,4-Dichlorobenzene-d4	152	4.360	4.360	(1.000)	23392	1.00000	
*	80 Naphthalene-d8	136	5.632	5.632	(1.000)	77555	1.00000	
	31 Naphthalene	128	5.652	5.652	(1.003)	8846	0.10000	0.10
	39 Acenaphthylene	152	7.249	7.249	(0.982)	6574	0.10000	0.10
*	82 Acenaphthene-d10	164	7.385	7.385	(1.000)	35065	1.00000	
	42 Acenaphthene	154	7.424	7.424	(1.005)	4215	0.10000	0.10
	47 Fluorene	166	7.931	7.931	(1.074)	4411	0.10000	0.10
	51 Hexachlorobenzene	284	8.486	8.486	(0.958)	1464	0.10000	0.10
	14 Pentachlorophenol	266	8.672	8.672	(0.979)	2528	0.50000	0.50
*	83 Phenanthrene-d10	188	8.857	8.857	(1.000)	44218	1.00000	
	52 Phenanthrene	178	8.876	8.876	(1.002)	5779	0.10000	0.10
	53 Anthracene	178	8.935	8.935	(1.009)	4708	0.10000	0.10
	56 Fluoranthene	202	10.053	10.053	(1.135)	4267	0.10000	0.10
	57 Pyrene	202	10.278	10.278	(1.000)	4334	0.10000	0.10

Data File: /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/h86760.d
Report Date: 17-Mar-2010 12:20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
61	Benzo(a)anthracene	228	11.621	11.621	(1.000)	3069	0.10000	0.10
* 81	Chrysene-d12	240	11.637	11.637	(1.000)	27682	1.00000	(M)
62	Chrysene	228	11.669	11.669	(1.000)	3622	0.10000	0.10
65	Benzo(b)fluoranthene	252	13.036	13.036	(0.961)	2602	0.10000	0.10
66	Benzo(k)fluoranthene	252	13.076	13.076	(0.964)	2646	0.10000	0.10
67	Benzo(a)pyrene	252	13.487	13.487	(0.994)	2102	0.10000	0.10
* 84	Perylene-d12	264	13.567	13.567	(1.000)	19572	1.00000	
68	Indeno(1,2,3-cd)pyrene	276	15.095	15.095	(1.113)	1502	0.10000	0.10
69	Dibenz(a,h)anthracene	278	15.135	15.135	(1.116)	1609	0.10000	0.10
70	Benzo(g,h,i)perylene	276	15.521	15.521	(1.144)	1780	0.10000	0.10

QC Flag Legend

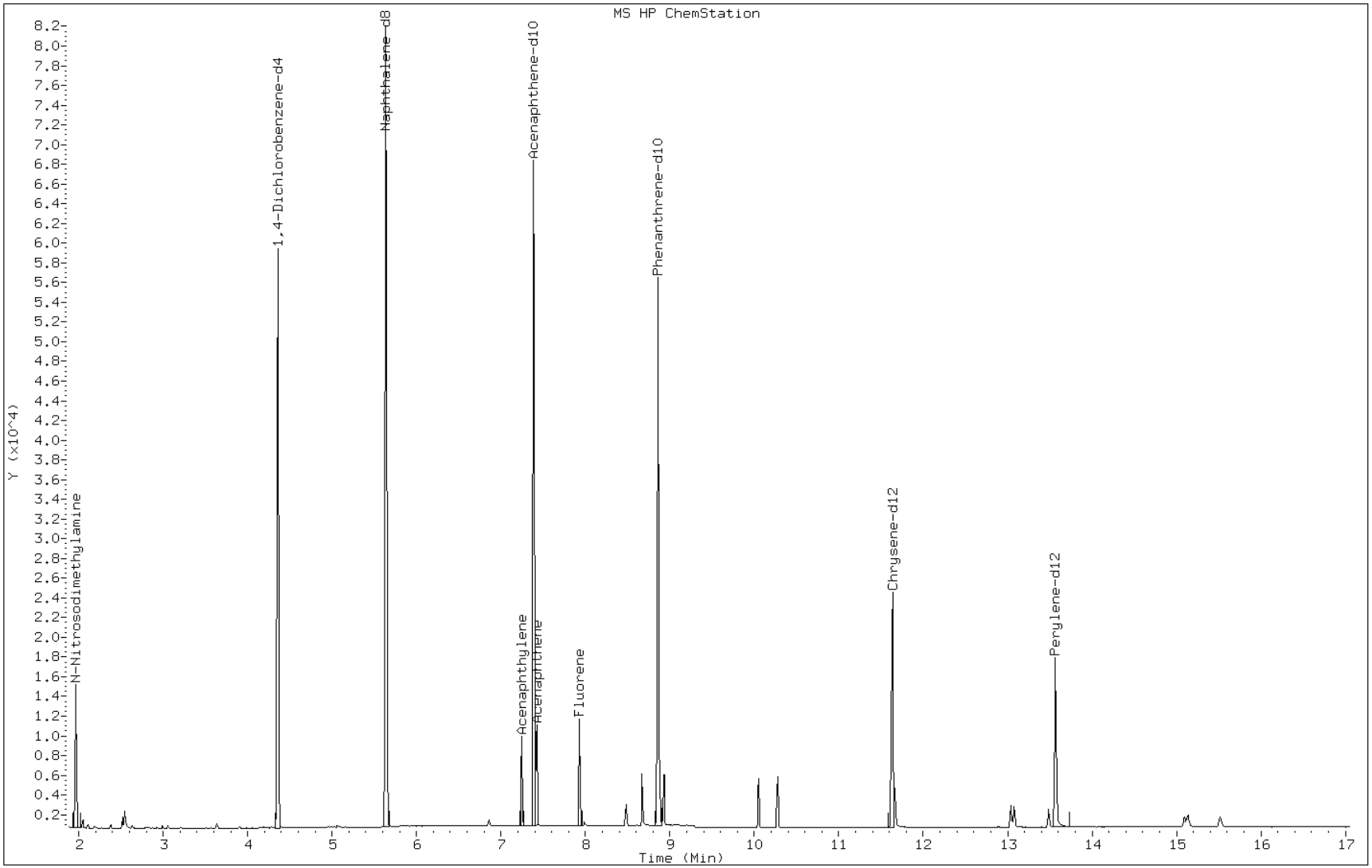
M - Compound response manually integrated.

Data File: h86760.d

Date: 17-MAR-2010 10:31

Client ID: Instrument: BNAMS9.i

Sample Info: ICIS-348061 Operator: BNAMS 4



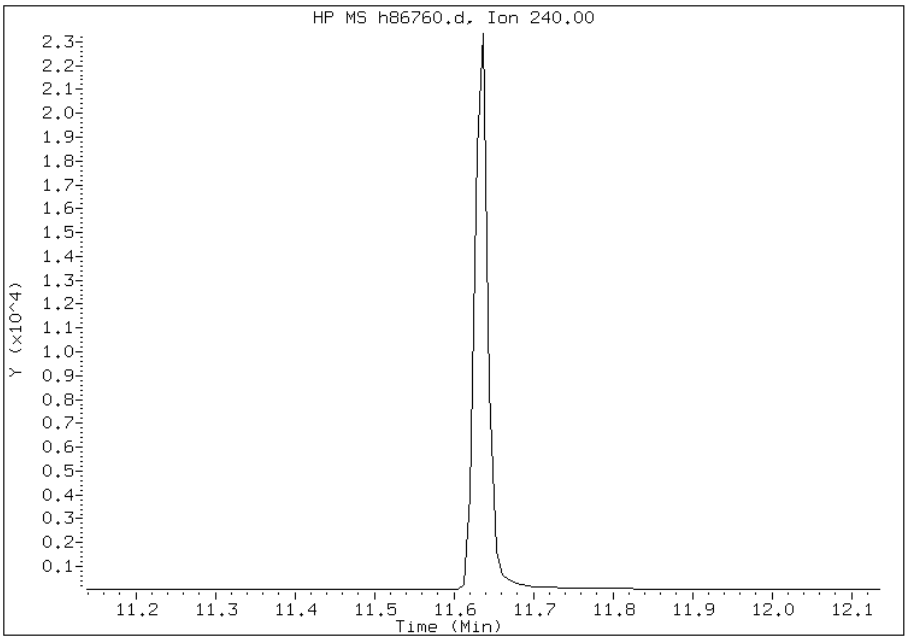
Manual Integration Report

Data File: h86760.d
Inj. Date and Time: 17-MAR-2010 10:31
Instrument ID: BNAMS9.i
Client ID:
Compound: 81 Chrysene-d12
CAS #: 1719-03-5
Report Date: 03/17/2010

Processing Integration Results

Not Detected

Expected RT: 11.64



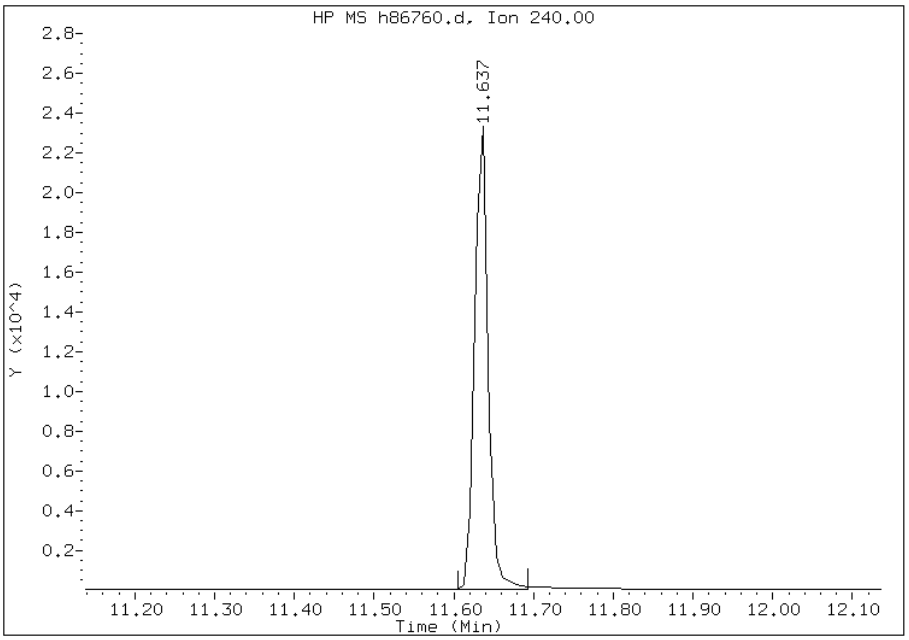
Manual Integration Results

RT: 11.64

Response: 27682

Amount: 1

Conc: 1



Manually Integrated By: rusin
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/h86761.d
Report Date: 17-Mar-2010 12:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/h86761.d
Lab Smp Id: IC-348059
Inj Date : 17-MAR-2010 10:56
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : IC-348059
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/simpah.m
Meth Date : 17-Mar-2010 12:23 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 10:56 Cal File: h86761.d
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.992	1.992	(0.457)	1581	0.10000	0.096(a)
*	79 1,4-Dichlorobenzene-d4	152	4.360	4.360	(1.000)	27459	1.00000	
*	80 Naphthalene-d8	136	5.632	5.632	(1.000)	89515	1.00000	
	31 Naphthalene	128	5.652	5.652	(1.003)	3091	0.02500	0.028
	39 Acenaphthylene	152	7.249	7.249	(0.982)	2362	0.02500	0.029
*	82 Acenaphthene-d10	164	7.385	7.385	(1.000)	41013	1.00000	
	42 Acenaphthene	154	7.424	7.424	(1.005)	1484	0.02500	0.029
	47 Fluorene	166	7.931	7.931	(1.074)	1500	0.02500	0.028
	51 Hexachlorobenzene	284	8.486	8.486	(0.958)	197	0.01000	0.011
	14 Pentachlorophenol	266	8.672	8.672	(0.979)	389	0.10000	0.081(a)
*	83 Phenanthrene-d10	188	8.857	8.857	(1.000)	48822	1.00000	
	52 Phenanthrene	178	8.876	8.876	(1.002)	1983	0.02500	0.029
	53 Anthracene	178	8.935	8.935	(1.009)	1552	0.02500	0.029
	56 Fluoranthene	202	10.053	10.053	(1.135)	1351	0.02500	0.028
	57 Pyrene	202	10.278	10.278	(1.000)	1349	0.02500	0.030

Data File: /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/h86761.d
Report Date: 17-Mar-2010 12:23

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
61	Benzo(a)anthracene	228	11.621	11.621	(1.000)	915	0.02500	0.030
* 81	Chrysene-d12	240	11.637	11.637	(1.000)	27295	1.00000	(M)
62	Chrysene	228	11.669	11.669	(1.000)	1081	0.02500	0.028
65	Benzo(b)fluoranthene	252	13.036	13.036	(0.961)	744	0.02500	0.030
66	Benzo(k)fluoranthene	252	13.076	13.076	(0.964)	720	0.02500	0.028
67	Benzo(a)pyrene	252	13.487	13.487	(0.994)	572	0.02500	0.029
* 84	Perylene-d12	264	13.567	13.567	(1.000)	17513	1.00000	
68	Indeno(1,2,3-cd)pyrene	276	15.095	15.095	(1.113)	443	0.02500	0.029
69	Dibenz(a,h)anthracene	278	15.135	15.135	(1.116)	414	0.02500	0.027
70	Benzo(g,h,i)perylene	276	15.521	15.521	(1.144)	485	0.02500	0.028

QC Flag Legend

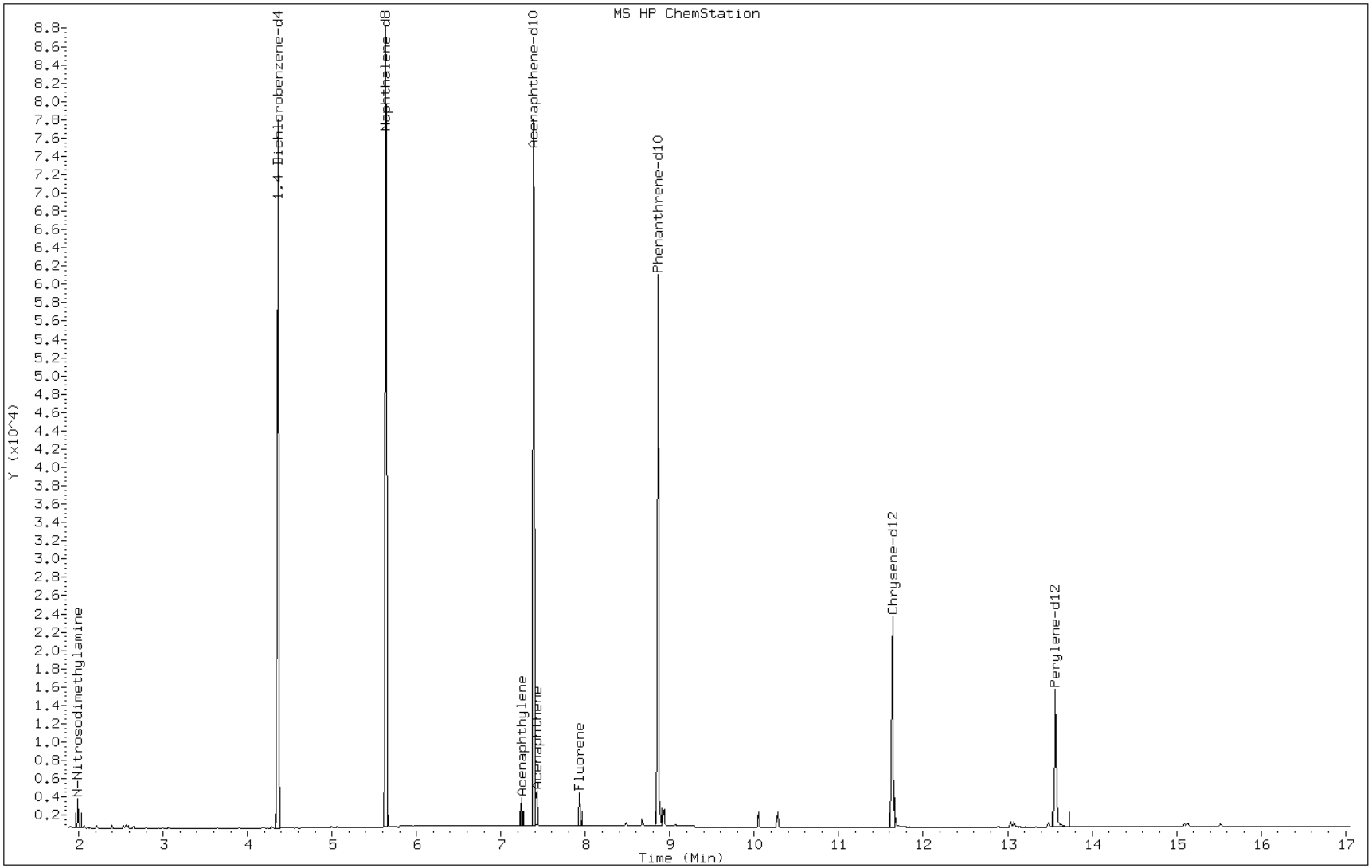
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: h86761.d

Date: 17-MAR-2010 10:56

Client ID: Instrument: BNAMS9.i

Sample Info: IC-348059 Operator: BNAMS 4



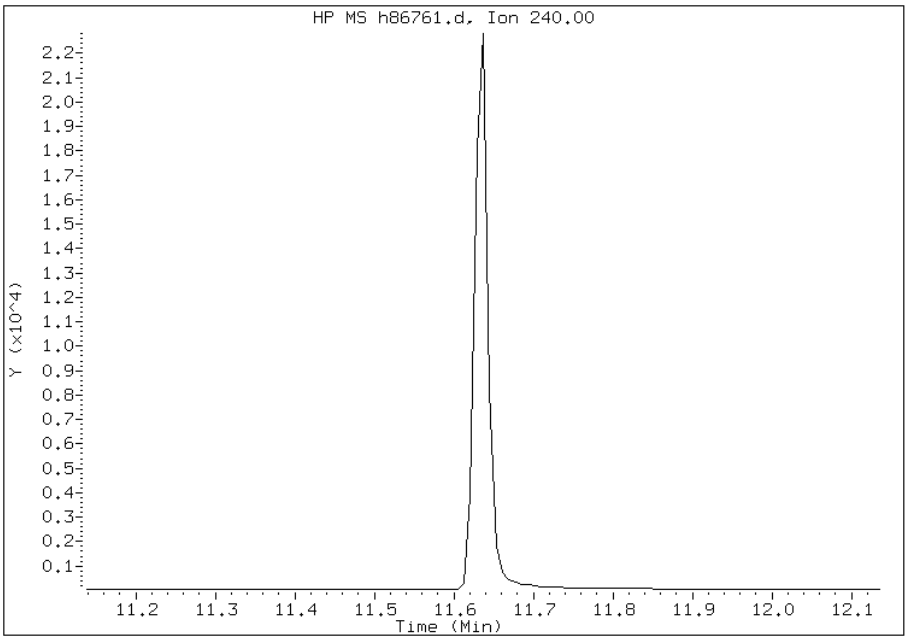
Manual Integration Report

Data File: h86761.d
Inj. Date and Time: 17-MAR-2010 10:56
Instrument ID: BNAMS9.i
Client ID:
Compound: 81 Chrysene-d12
CAS #: 1719-03-5
Report Date: 03/17/2010

Processing Integration Results

Not Detected

Expected RT: 11.64



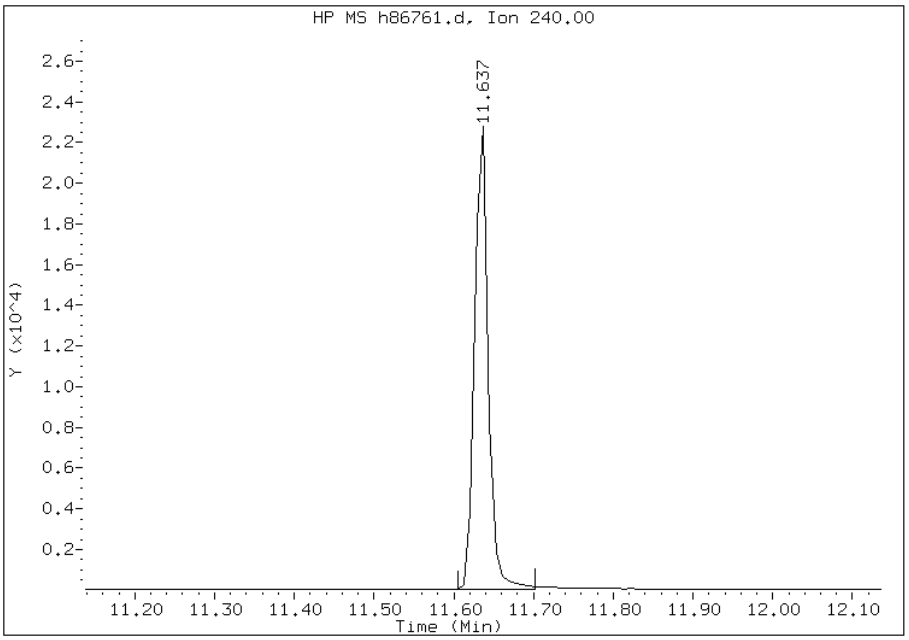
Manual Integration Results

RT: 11.64

Response: 27295

Amount: 1

Conc: 1



Manually Integrated By: rusin
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/h86762.d
Report Date: 17-Mar-2010 12:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/h86762.d
Lab Smp Id: IC-348060
Inj Date : 17-MAR-2010 11:22
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : IC-348060
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/simpah.m
Meth Date : 17-Mar-2010 12:23 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 11:22 Cal File: h86762.d
Als bottle: 4 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.982	1.982	(0.455)	4196	0.25000	0.25
*	79 1,4-Dichlorobenzene-d4	152	4.360	4.360	(1.000)	27997	1.00000	
*	80 Naphthalene-d8	136	5.632	5.632	(1.000)	92130	1.00000	
	31 Naphthalene	128	5.651	5.651	(1.003)	5328	0.05000	0.048
	39 Acenaphthylene	152	7.249	7.249	(0.982)	3732	0.05000	0.047
*	82 Acenaphthene-d10	164	7.385	7.385	(1.000)	40947	1.00000	
	42 Acenaphthene	154	7.424	7.424	(1.005)	2512	0.05000	0.048
	47 Fluorene	166	7.931	7.931	(1.074)	2614	0.05000	0.049
	51 Hexachlorobenzene	284	8.486	8.486	(0.958)	458	0.02500	0.024
	14 Pentachlorophenol	266	8.671	8.671	(0.979)	1139	0.25000	0.22
*	83 Phenanthrene-d10	188	8.857	8.857	(1.000)	52528	1.00000	
	52 Phenanthrene	178	8.876	8.876	(1.002)	3559	0.05000	0.048
	53 Anthracene	178	8.934	8.934	(1.009)	2706	0.05000	0.046
	56 Fluoranthene	202	10.053	10.053	(1.135)	2522	0.05000	0.048
	57 Pyrene	202	10.278	10.278	(1.000)	2504	0.05000	0.047

Data File: /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/h86762.d
Report Date: 17-Mar-2010 12:23

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	61 Benzo(a)anthracene	228	11.621	11.621	(1.000)	1672	0.05000	0.046
*	81 Chrysene-d12	240	11.637	11.637	(1.000)	32023	1.00000	(M)
	62 Chrysene	228	11.669	11.669	(1.000)	2122	0.05000	0.048
	65 Benzo(b)fluoranthene	252	13.036	13.036	(0.961)	1380	0.05000	0.047
	66 Benzo(k)fluoranthene	252	13.076	13.076	(0.964)	1372	0.05000	0.046
	67 Benzo(a)pyrene	252	13.486	13.486	(0.994)	1040	0.05000	0.046
*	84 Perylene-d12	264	13.567	13.567	(1.000)	20434	1.00000	
	68 Indeno(1,2,3-cd)pyrene	276	15.095	15.095	(1.113)	874	0.05000	0.050
	69 Dibenz(a,h)anthracene	278	15.135	15.135	(1.116)	848	0.05000	0.048
	70 Benzo(g,h,i)perylene	276	15.521	15.521	(1.144)	964	0.05000	0.048

QC Flag Legend

M - Compound response manually integrated.

Data File: h86762.d

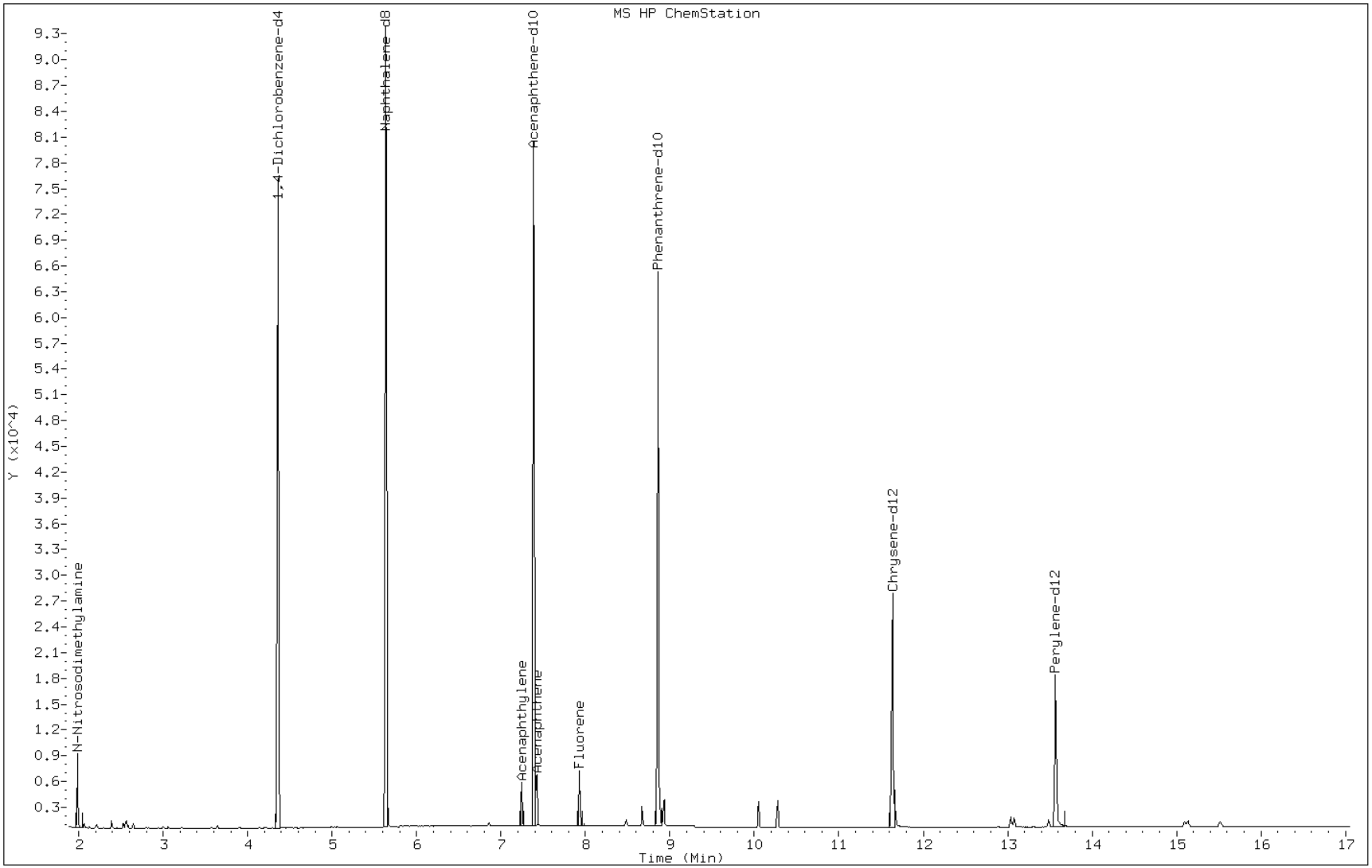
Date: 17-MAR-2010 11:22

Client ID:

Instrument: BNAMS9.i

Sample Info: IC-348060

Operator: BNAMS 4



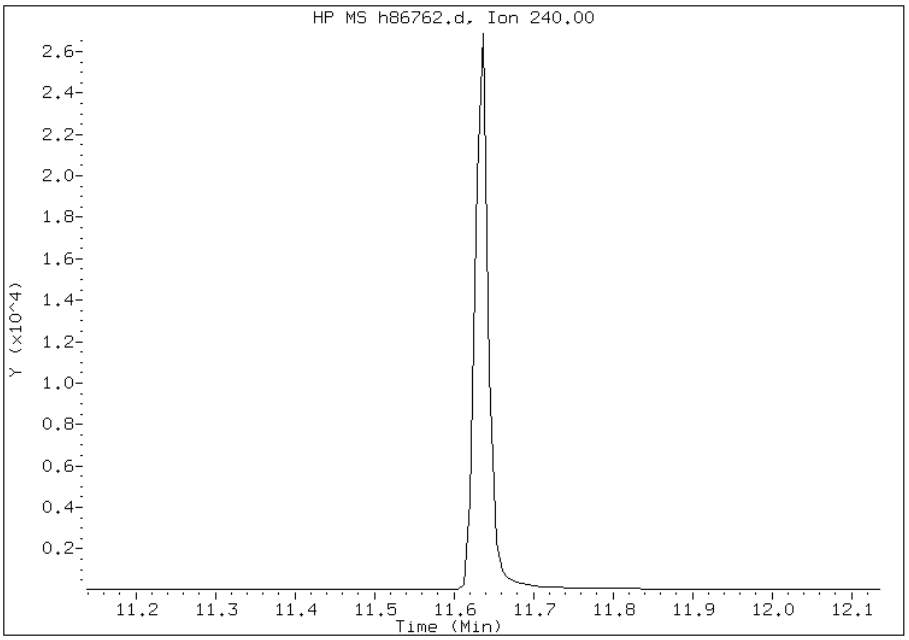
Manual Integration Report

Data File: h86762.d
Inj. Date and Time: 17-MAR-2010 11:22
Instrument ID: BNAMS9.i
Client ID:
Compound: 81 Chrysene-d12
CAS #: 1719-03-5
Report Date: 03/17/2010

Processing Integration Results

Not Detected

Expected RT: 11.64



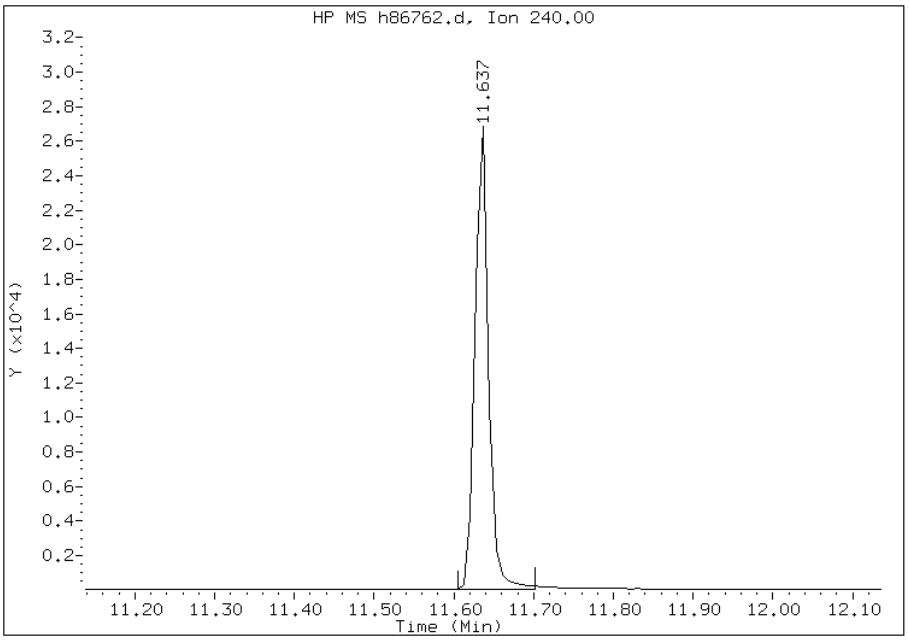
Manual Integration Results

RT: 11.64

Response: 32023

Amount: 1

Conc: 1



Manually Integrated By: rusin
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/h86763.d
Report Date: 17-Mar-2010 12:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/h86763.d
Lab Smp Id: IC-348062
Inj Date : 17-MAR-2010 11:48
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : IC-348062
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/simpah.m
Meth Date : 17-Mar-2010 12:23 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 11:48 Cal File: h86763.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.972	1.972	(0.452)	16150	1.00000	1.0
*	79 1,4-Dichlorobenzene-d4	152	4.360	4.360	(1.000)	25827	1.00000	
*	80 Naphthalene-d8	136	5.632	5.632	(1.000)	82183	1.00000	
	31 Naphthalene	128	5.652	5.652	(1.003)	47318	0.50000	0.48
	39 Acenaphthylene	152	7.249	7.249	(0.982)	32475	0.50000	0.46
*	82 Acenaphthene-d10	164	7.385	7.385	(1.000)	35817	1.00000	
	42 Acenaphthene	154	7.424	7.424	(1.005)	21117	0.50000	0.47
	47 Fluorene	166	7.931	7.931	(1.074)	22076	0.50000	0.47
	51 Hexachlorobenzene	284	8.486	8.486	(0.958)	15476	1.00000	0.99
	14 Pentachlorophenol	266	8.672	8.672	(0.979)	4937	1.00000	1.2
*	83 Phenanthrene-d10	188	8.857	8.857	(1.000)	43271	1.00000	
	52 Phenanthrene	178	8.876	8.876	(1.002)	29040	0.50000	0.48
	53 Anthracene	178	8.935	8.935	(1.009)	23075	0.50000	0.48
	56 Fluoranthene	202	10.053	10.053	(1.135)	20845	0.50000	0.48
	57 Pyrene	202	10.278	10.278	(1.000)	21473	0.50000	0.46

Data File: /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/h86763.d
Report Date: 17-Mar-2010 12:23

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	61 Benzo(a)anthracene	228	11.621	11.621	(1.000)	14172	0.50000	0.45
*	81 Chrysene-d12	240	11.637	11.637	(1.000)	28145	1.00000	(M)
	62 Chrysene	228	11.669	11.669	(1.000)	18597	0.50000	0.48
	65 Benzo(b)fluoranthene	252	13.036	13.036	(0.961)	12789	0.50000	0.47
	66 Benzo(k)fluoranthene	252	13.076	13.076	(0.964)	14799	0.50000	0.52
	67 Benzo(a)pyrene	252	13.487	13.487	(0.994)	10251	0.50000	0.48
*	84 Perylene-d12	264	13.567	13.567	(1.000)	19174	1.00000	
	68 Indeno(1,2,3-cd)pyrene	276	15.095	15.095	(1.113)	7826	0.50000	0.47
	69 Dibenz(a,h)anthracene	278	15.135	15.135	(1.116)	8496	0.50000	0.51
	70 Benzo(g,h,i)perylene	276	15.521	15.521	(1.144)	9267	0.50000	0.49

QC Flag Legend

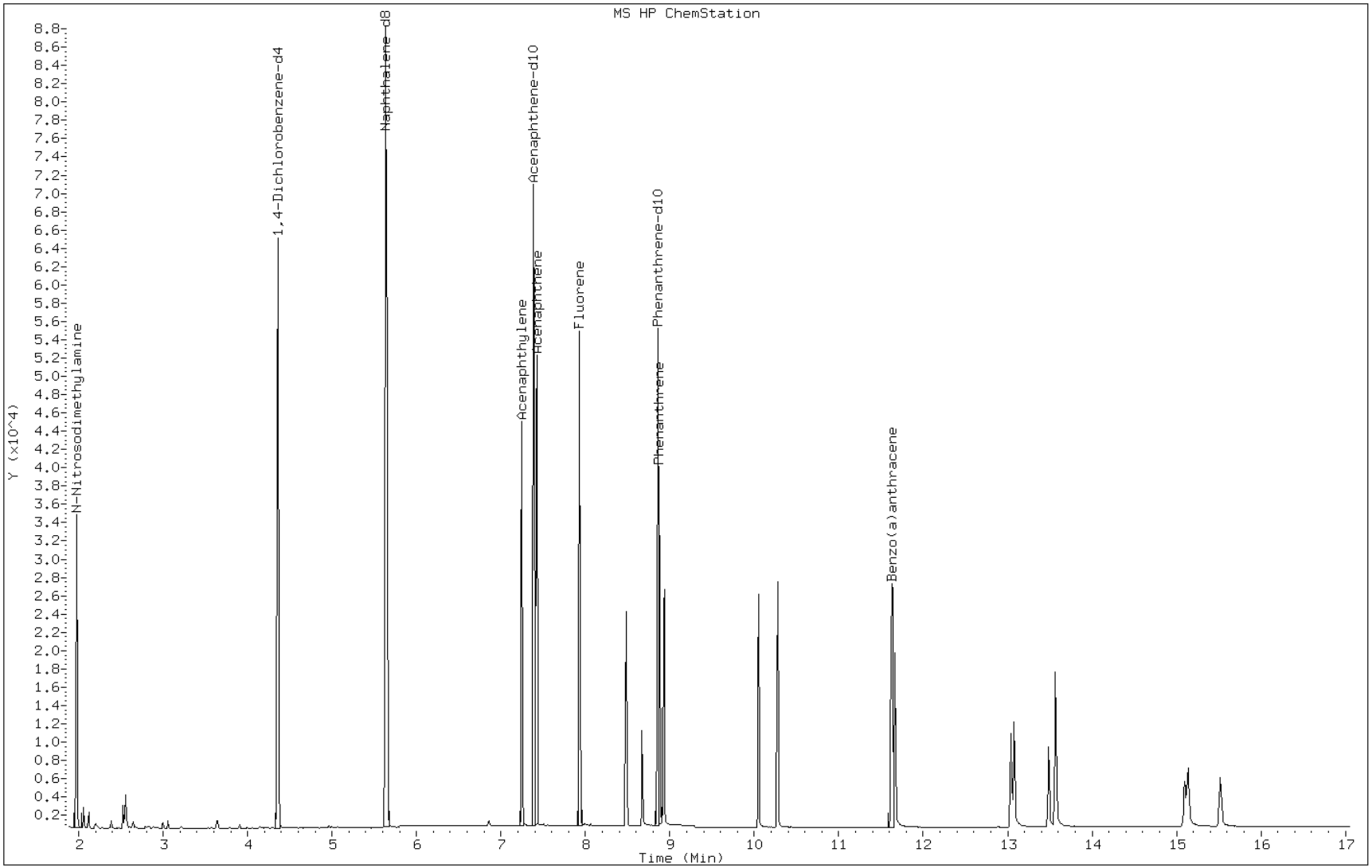
M - Compound response manually integrated.

Data File: h86763.d

Date: 17-MAR-2010 11:48

Client ID: Instrument: BNAMS9.i

Sample Info: IC-348062 Operator: BNAMS 4



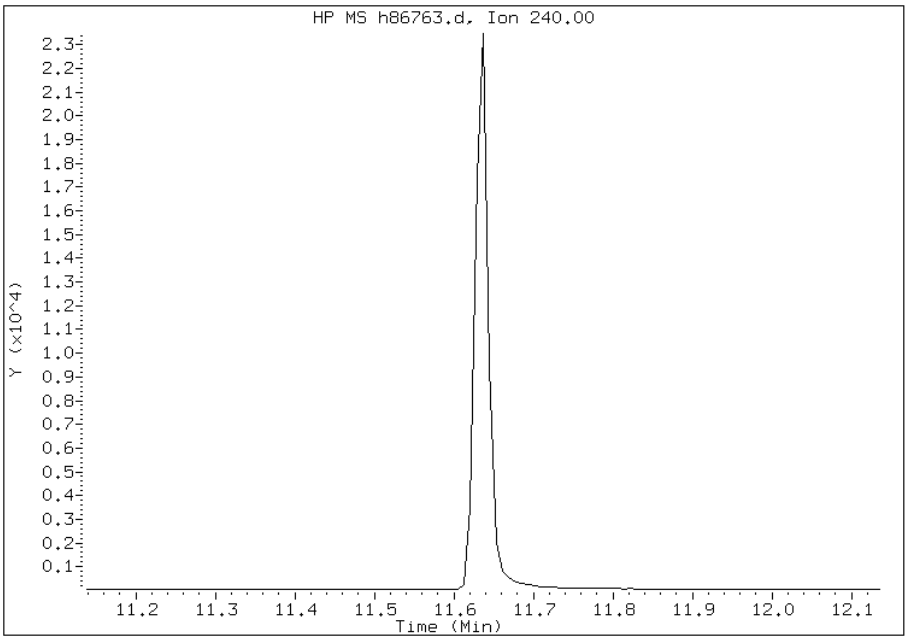
Manual Integration Report

Data File: h86763.d
Inj. Date and Time: 17-MAR-2010 11:48
Instrument ID: BNAMS9.i
Client ID:
Compound: 81 Chrysene-d12
CAS #: 1719-03-5
Report Date: 03/17/2010

Processing Integration Results

Not Detected

Expected RT: 11.64



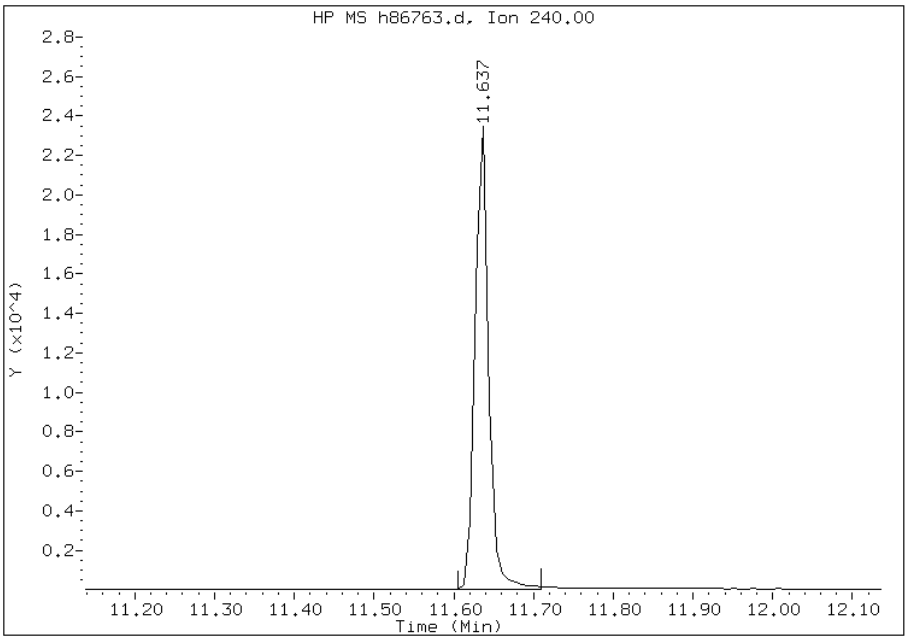
Manual Integration Results

RT: 11.64

Response: 28145

Amount: 1

Conc: 1



Manually Integrated By: rusin
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/h86764.d
Report Date: 17-Mar-2010 12:53

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/h86764.d
Lab Smp Id: IC-348064
Inj Date : 17-MAR-2010 12:15
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : IC-348064
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/simpah.m
Meth Date : 17-Mar-2010 12:53 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:15 Cal File: h86764.d
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.972	1.972	(0.452)	32503	2.00000	2.0
*	79 1,4-Dichlorobenzene-d4	152	4.360	4.360	(1.000)	27031	1.00000	
*	80 Naphthalene-d8	136	5.632	5.632	(1.000)	86204	1.00000	
	31 Naphthalene	128	5.652	5.652	(1.003)	98061	1.00000	0.95
	39 Acenaphthylene	152	7.249	7.249	(0.982)	67162	1.00000	0.96
*	82 Acenaphthene-d10	164	7.385	7.385	(1.000)	36044	1.00000	
	42 Acenaphthene	154	7.424	7.424	(1.005)	42779	1.00000	0.95
	47 Fluorene	166	7.931	7.931	(1.074)	44286	1.00000	0.95
	51 Hexachlorobenzene	284	8.486	8.486	(0.958)	30185	2.00000	2.0
	14 Pentachlorophenol	266	8.671	8.671	(0.979)	10140	2.00000	2.3
*	83 Phenanthrene-d10	188	8.857	8.857	(1.000)	42026	1.00000	
	52 Phenanthrene	178	8.876	8.876	(1.002)	56587	1.00000	0.96
	53 Anthracene	178	8.935	8.935	(1.009)	46430	1.00000	1.00
	56 Fluoranthene	202	10.053	10.053	(1.135)	40368	1.00000	0.97
	57 Pyrene	202	10.278	10.278	(1.000)	41658	1.00000	0.93

Data File: /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/h86764.d
Report Date: 17-Mar-2010 12:53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	61 Benzo(a)anthracene	228	11.621	11.621	(1.000)	27898	1.00000	0.92
*	81 Chrysene-d12	240	11.637	11.637	(1.000)	27337	1.00000	(M)
	62 Chrysene	228	11.669	11.669	(1.000)	35034	1.00000	0.94
	65 Benzo(b)fluoranthene	252	13.044	13.044	(0.961)	25099	1.00000	0.90
	66 Benzo(k)fluoranthene	252	13.076	13.076	(0.964)	31465	1.00000	1.0
	67 Benzo(a)pyrene	252	13.486	13.486	(0.994)	21705	1.00000	0.98
*	84 Perylene-d12	264	13.567	13.567	(1.000)	19886	1.00000	
	68 Indeno(1,2,3-cd)pyrene	276	15.095	15.095	(1.113)	16722	1.00000	0.98
	69 Dibenz(a,h)anthracene	278	15.135	15.135	(1.116)	18844	1.00000	1.1
	70 Benzo(g,h,i)perylene	276	15.521	15.521	(1.144)	20060	1.00000	1.0

QC Flag Legend

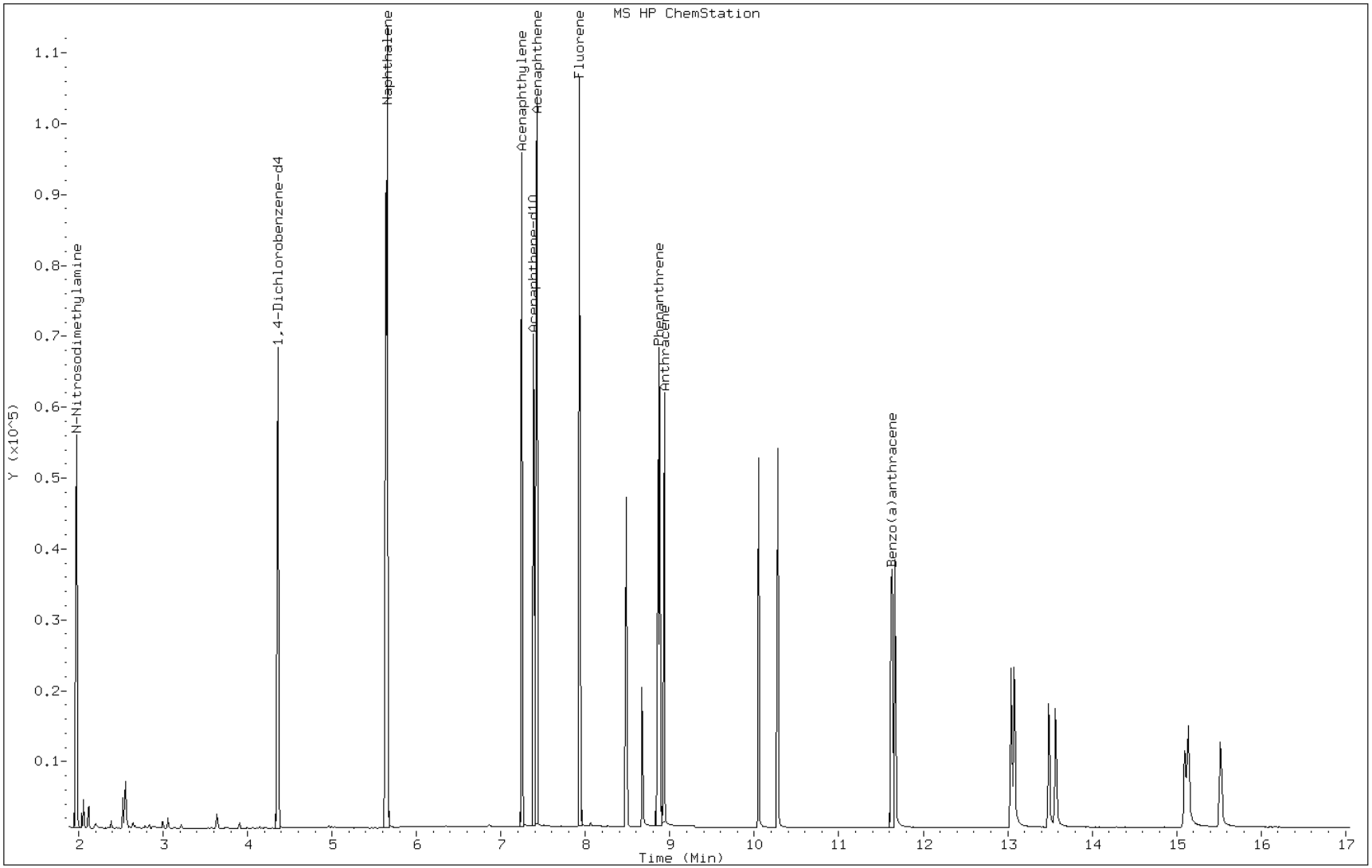
M - Compound response manually integrated.

Data File: h86764.d

Date: 17-MAR-2010 12:15

Client ID: Instrument: BNAMS9.i

Sample Info: IC-348064 Operator: BNAMS 4



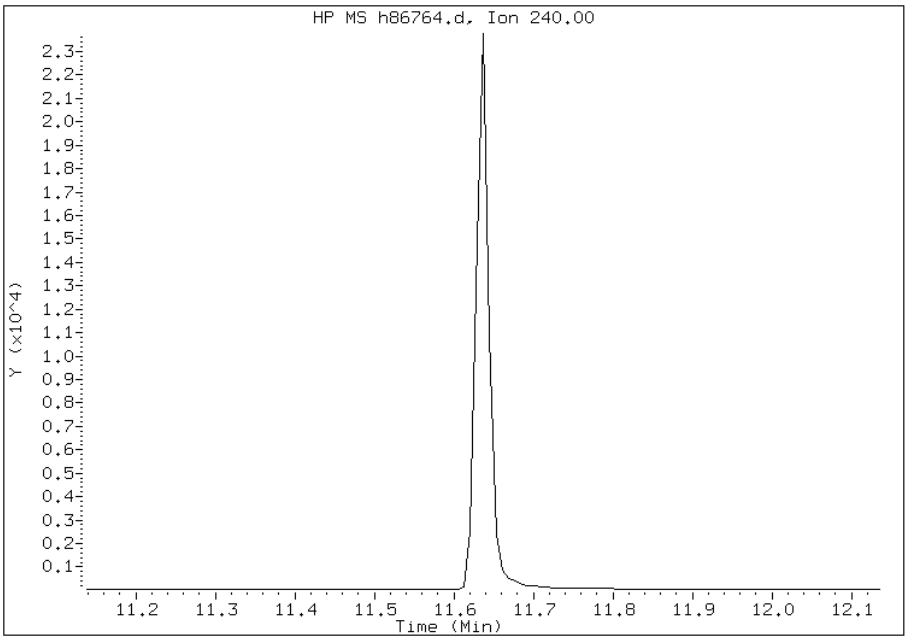
Manual Integration Report

Data File: h86764.d
Inj. Date and Time: 17-MAR-2010 12:15
Instrument ID: BNAMS9.i
Client ID:
Compound: 81 Chrysene-d12
CAS #: 1719-03-5
Report Date: 03/17/2010

Processing Integration Results

Not Detected

Expected RT: 11.64



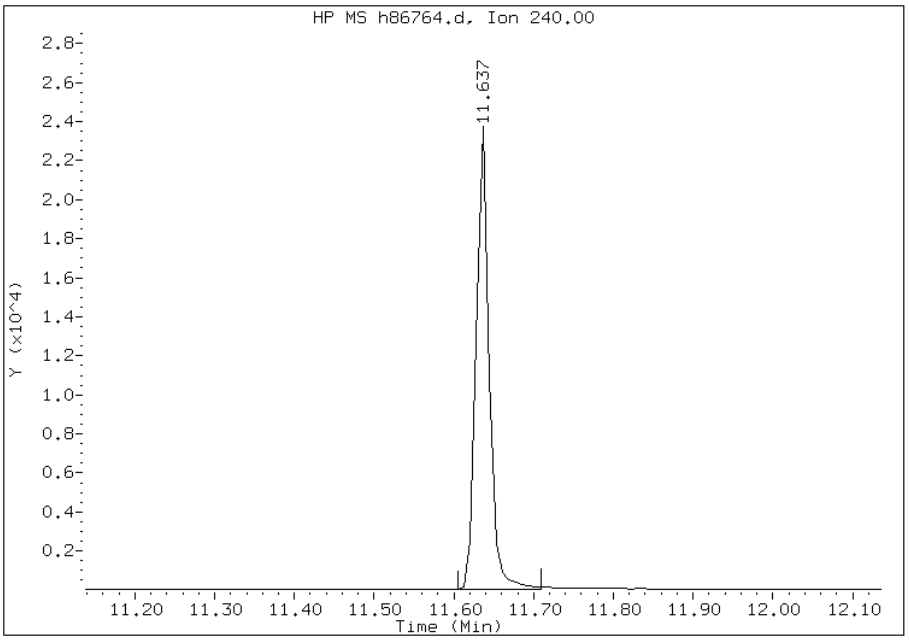
Manual Integration Results

RT: 11.64

Response: 27337

Amount: 1

Conc: 1



Manually Integrated By: rusin
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/h86765.d
Report Date: 17-Mar-2010 13:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/h86765.d
Lab Smp Id: IC-348095
Inj Date : 17-MAR-2010 12:41
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : IC-348095
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/simpah.m
Meth Date : 17-Mar-2010 13:04 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.972	1.972	(0.452)	90976	5.00000	5.0(A)
*	79 1,4-Dichlorobenzene-d4	152	4.360	4.360	(1.000)	30102	1.00000	
*	80 Naphthalene-d8	136	5.632	5.632	(1.000)	95673	1.00000	
	31 Naphthalene	128	5.652	5.652	(1.003)	214236	2.00000	1.9
	39 Acenaphthylene	152	7.249	7.249	(0.982)	156682	2.00000	2.0
*	82 Acenaphthene-d10	164	7.385	7.385	(1.000)	41435	1.00000	
	42 Acenaphthene	154	7.424	7.424	(1.005)	98446	2.00000	1.9
	47 Fluorene	166	7.931	7.931	(1.074)	103369	2.00000	1.9
	51 Hexachlorobenzene	284	8.486	8.486	(0.958)	84993	5.00000	4.9
	14 Pentachlorophenol	266	8.671	8.671	(0.979)	32477	5.00000	6.2(A)
*	83 Phenanthrene-d10	188	8.857	8.857	(1.000)	47868	1.00000	
	52 Phenanthrene	178	8.876	8.876	(1.002)	128601	2.00000	1.9
	53 Anthracene	178	8.935	8.935	(1.009)	110688	2.00000	2.1(A)
	56 Fluoranthene	202	10.053	10.053	(1.135)	92472	2.00000	2.0
	57 Pyrene	202	10.278	10.278	(1.000)	95030	2.00000	2.0(A)

Data File: /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/h86765.d
Report Date: 17-Mar-2010 13:04

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
61	Benzo(a)anthracene	228	11.621	11.621	(1.000)	59237	2.00000	1.9
* 81	Chrysene-d12	240	11.637	11.637	(1.000)	28169	1.00000	(M)
62	Chrysene	228	11.669	11.669	(1.000)	71106	2.00000	1.9
65	Benzo(b)fluoranthene	252	13.044	13.044	(0.961)	48816	2.00000	1.9
66	Benzo(k)fluoranthene	252	13.076	13.076	(0.964)	60113	2.00000	2.2(A)
67	Benzo(a)pyrene	252	13.486	13.486	(0.994)	42368	2.00000	2.1(A)
* 84	Perylene-d12	264	13.567	13.567	(1.000)	18240	1.00000	
68	Indeno(1,2,3-cd)pyrene	276	15.095	15.095	(1.113)	32305	2.00000	2.0(A)
69	Dibenz(a,h)anthracene	278	15.135	15.135	(1.116)	35922	2.00000	2.2(A)
70	Benzo(g,h,i)perylene	276	15.521	15.521	(1.144)	38059	2.00000	2.1(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: h86765.d

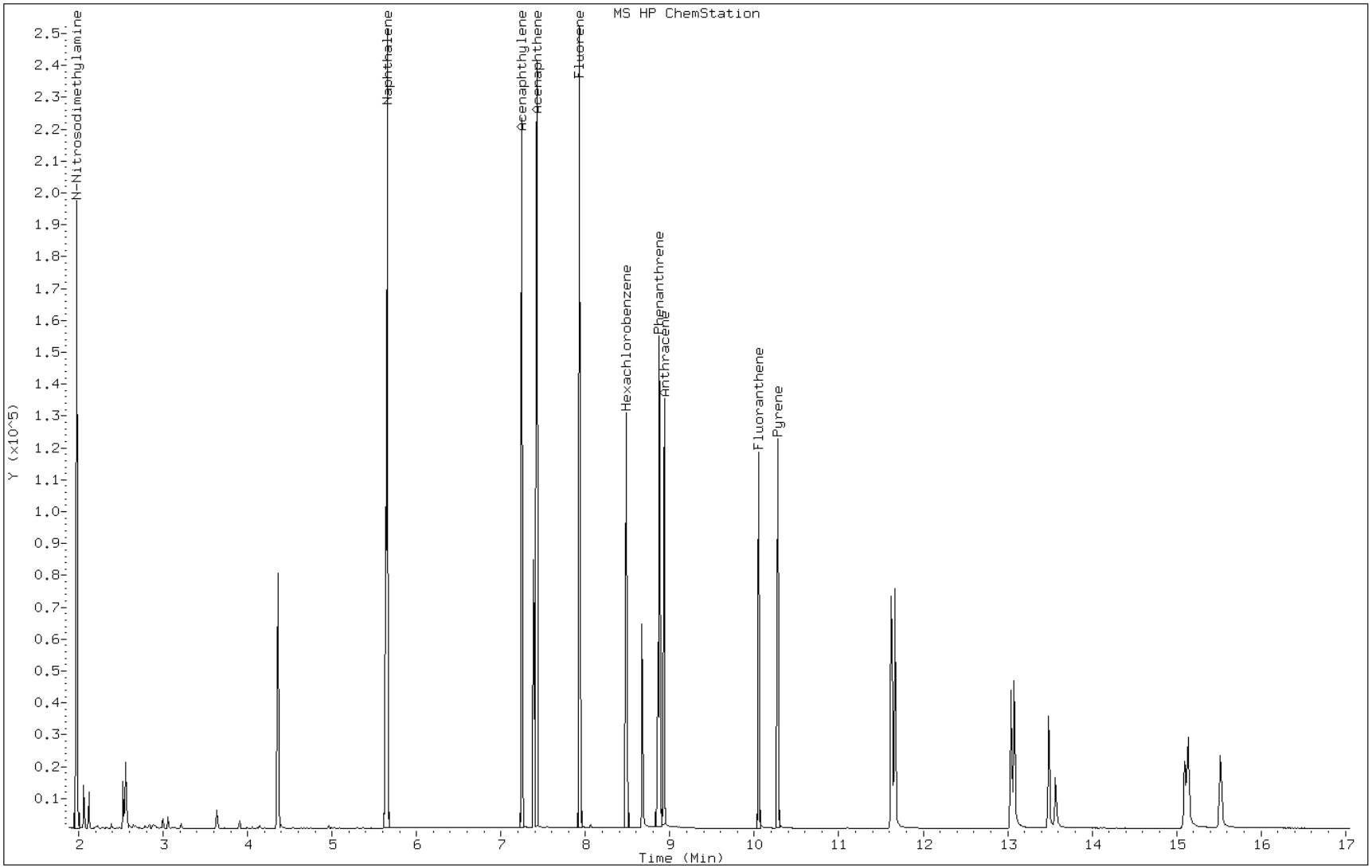
Date: 17-MAR-2010 12:41

Client ID:

Instrument: BNAMS9.i

Sample Info: IC-348095

Operator: BNAMS 4



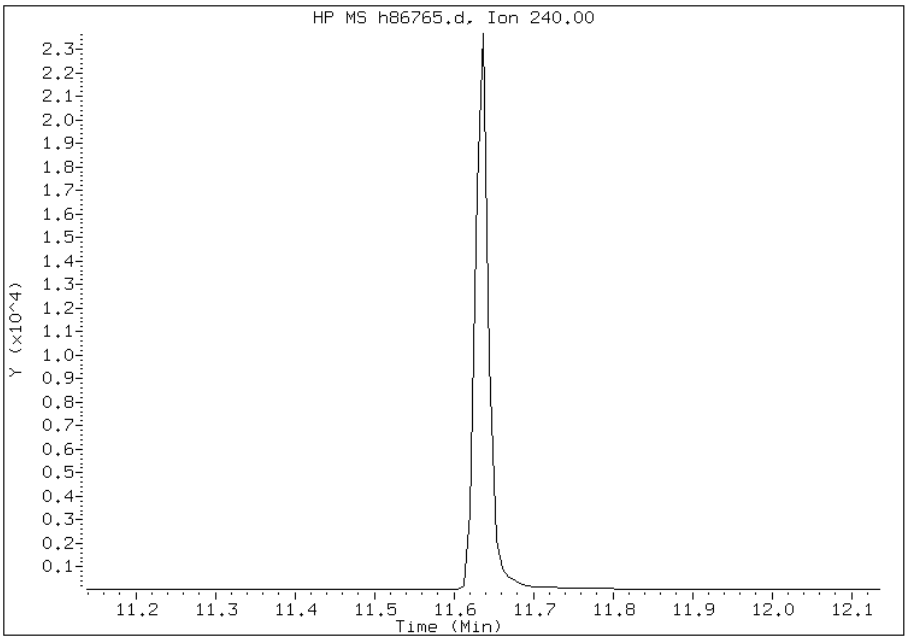
Manual Integration Report

Data File: h86765.d
Inj. Date and Time: 17-MAR-2010 12:41
Instrument ID: BNAMS9.i
Client ID:
Compound: 81 Chrysene-d12
CAS #: 1719-03-5
Report Date: 03/17/2010

Processing Integration Results

Not Detected

Expected RT: 11.64



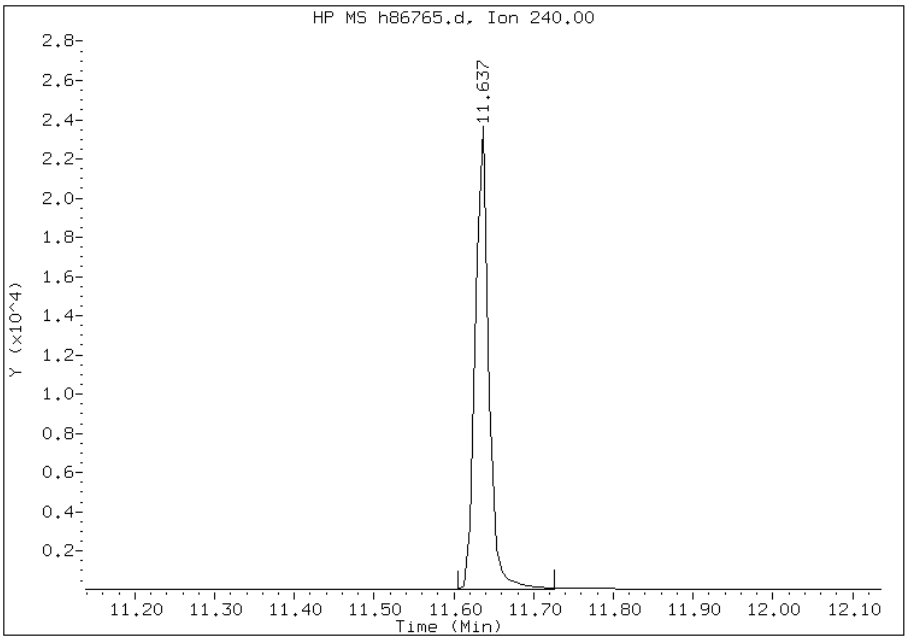
Manual Integration Results

RT: 11.64

Response: 28169

Amount: 1

Conc: 1



Manually Integrated By: rusin
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCVIS 460-32430/2 Calibration Date: 03/18/2010 12:42

Instrument ID: BNAMS9 Calib Start Date: 03/17/2010 10:31

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/17/2010 12:41

Lab File ID: h86809.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.5996	0.5806		484	500	-3.2	20.0
Naphthalene	Ave	1.181	1.149		97.3	100	-2.7	20.0
Acenaphthylene	Ave	1.928	1.868		96.9	100	-3.1	20.0
Acenaphthene	Ave	1.238	1.222		98.7	100	-1.3	20.0
Fluorene	Ave	1.284	1.240		96.5	100	-3.5	20.0
Hexachlorobenzene	Ave	0.3592	0.3474		96.7	100	-3.3	20.0
Pentachlorophenol	QuaF	0.1085	0.1028		452	500	-9.7	20.0
Phenanthrene	Ave	1.386	1.312		94.7	100	-5.3	20.0
Anthracene	Ave	1.116	1.039		93.2	100	-6.8	20.0
Fluoranthene	Ave	0.9870	0.8720		88.3	100	-11.7	20.0
Pyrene	Ave	1.640	1.720		105	100	4.9	20.0
Benzo[a]anthracene	Ave	1.095	1.082		98.8	100	-1.2	20.0
Chrysene	Ave	1.347	1.284		95.3	100	-4.7	20.0
Benzo[b]fluoranthene	Ave	1.386	1.296		93.5	100	-6.5	20.0
Benzo[k]fluoranthene	Ave	1.519	1.356		89.3	100	-10.7	20.0
Benzo[a]pyrene	Ave	1.120	1.064		95.0	100	-5.0	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.8629	0.8172		94.7	100	-5.3	20.0
Dibenz(a,h)anthracene	Ave	0.9027	0.7878		87.3	100	-12.7	20.0
Benzo[g,h,i]perylene	Ave	0.9966	0.9196		92.3	100	-7.7	20.0

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86809.d
Report Date: 18-Mar-2010 13:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86809.d
Lab Smp Id: CCVIS-348061
Inj Date : 18-MAR-2010 12:42
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : CCVIS-348061
Misc Info : bna-4432
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/simpah.m
Meth Date : 18-Mar-2010 13:07 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.963	1.963	(0.454)	10941	0.50000	0.48
*	79 1,4-Dichlorobenzene-d4	152	4.322	4.322	(1.000)	37690	1.00000	
*	80 Naphthalene-d8	136	5.593	5.593	(1.000)	123628	1.00000	
	31 Naphthalene	128	5.613	5.613	(1.003)	14204	0.10000	0.097
	39 Acenaphthylene	152	7.210	7.210	(0.981)	10022	0.10000	0.097
*	82 Acenaphthene-d10	164	7.346	7.346	(1.000)	53653	1.00000	
	42 Acenaphthene	154	7.385	7.385	(1.005)	6557	0.10000	0.099
	47 Fluorene	166	7.892	7.892	(1.074)	6652	0.10000	0.096
	51 Hexachlorobenzene	284	8.447	8.447	(0.958)	2255	0.10000	0.097
	14 Pentachlorophenol	266	8.633	8.633	(0.979)	3336	0.50000	0.45
*	83 Phenanthrene-d10	188	8.818	8.818	(1.000)	64910	1.00000	
	52 Phenanthrene	178	8.837	8.837	(1.002)	8519	0.10000	0.095
	53 Anthracene	178	8.886	8.886	(1.008)	6747	0.10000	0.093
	56 Fluoranthene	202	10.004	10.004	(1.135)	5660	0.10000	0.088
	57 Pyrene	202	10.230	10.230	(1.000)	5834	0.10000	0.10

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86809.d
Report Date: 18-Mar-2010 13:07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
61	Benzo(a)anthracene	228	11.565	11.565	(1.000)	3671	0.10000	0.099(H)
* 81	Chrysene-d12	240	11.581	11.581	(1.000)	33917	1.00000	(M)
62	Chrysene	228	11.613	11.613	(1.000)	4356	0.10000	0.095
65	Benzo(b)fluoranthene	252	12.980	12.980	(0.961)	3039	0.10000	0.094
66	Benzo(k)fluoranthene	252	13.012	13.012	(0.964)	3180	0.10000	0.089
67	Benzo(a)pyrene	252	13.422	13.422	(0.994)	2495	0.10000	0.095
* 84	Perylene-d12	264	13.503	13.503	(1.000)	23445	1.00000	
68	Indeno(1,2,3-cd)pyrene	276	15.014	15.014	(1.112)	1916	0.10000	0.095
69	Dibenz(a,h)anthracene	278	15.055	15.055	(1.115)	1847	0.10000	0.087
70	Benzo(g,h,i)perylene	276	15.433	15.433	(1.143)	2156	0.10000	0.092

QC Flag Legend

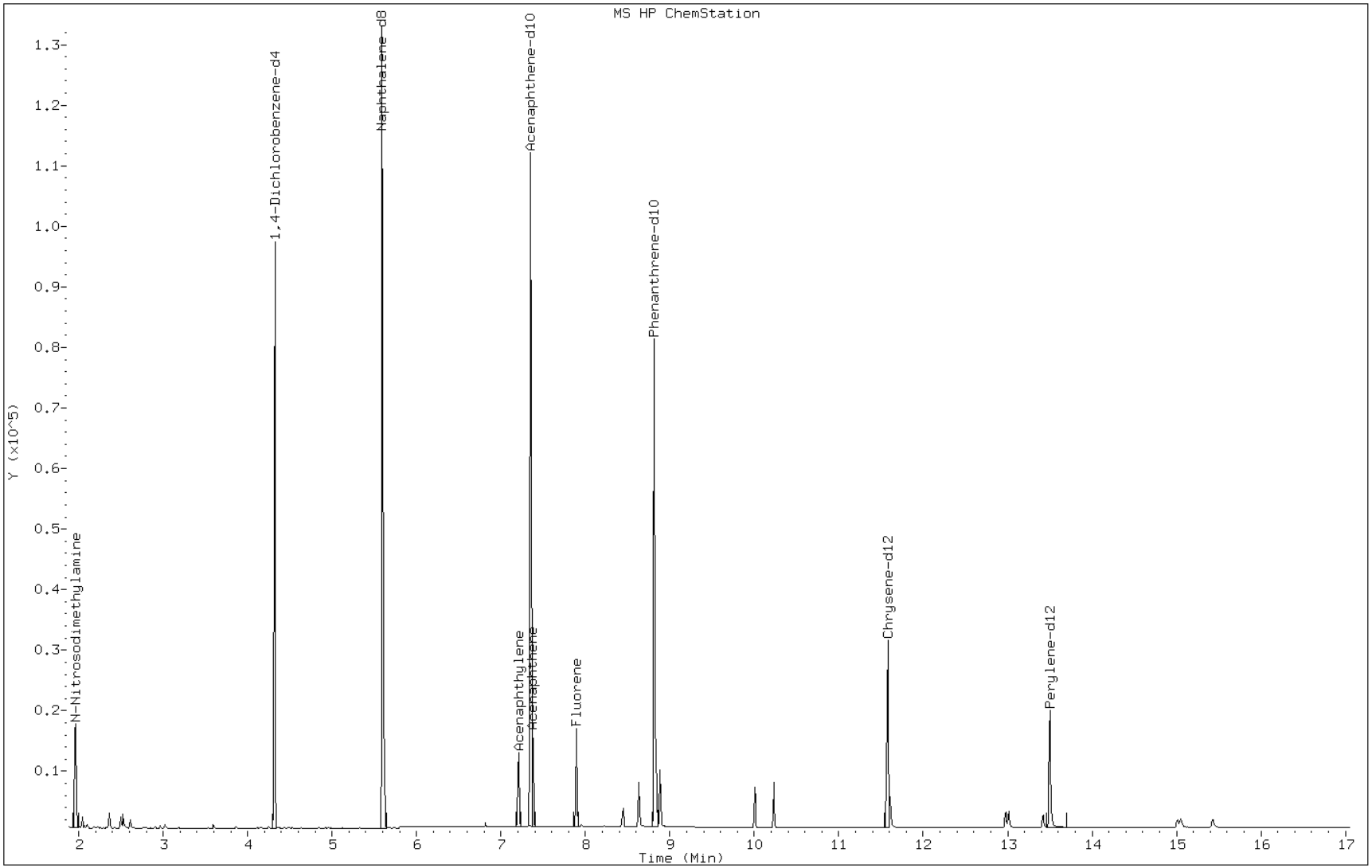
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: h86809.d

Date: 18-MAR-2010 12:42

Client ID: Instrument: BNAMS9.i

Sample Info: CCVIS-348061 Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCVIS 460-32627/2 Calibration Date: 03/19/2010 12:17

Instrument ID: BNAMS9 Calib Start Date: 03/17/2010 10:31

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/17/2010 12:41

Lab File ID: h86858.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.5996	0.5942		495	500	-0.9	20.0
Naphthalene	Ave	1.181	1.148		97.2	100	-2.8	20.0
Acenaphthylene	Ave	1.928	1.866		96.8	100	-3.2	20.0
Acenaphthene	Ave	1.238	1.197		96.7	100	-3.3	20.0
Fluorene	Ave	1.284	1.243		96.8	100	-3.2	20.0
Hexachlorobenzene	Ave	0.3592	0.3497		97.4	100	-2.6	20.0
Pentachlorophenol	QuaF	0.1085	0.0913		402	500	-19.6	20.0
Phenanthrene	Ave	1.386	1.385		99.9	100	0.1	20.0
Anthracene	Ave	1.116	1.116		100	100	0.0	20.0
Fluoranthene	Ave	0.9870	0.9572		97.0	100	-3.0	20.0
Pyrene	Ave	1.640	1.930		118	100	17.7	20.0
Benzo[a]anthracene	Ave	1.095	1.146		105	100	4.6	20.0
Chrysene	Ave	1.347	1.268		94.1	100	-5.9	20.0
Benzo[b]fluoranthene	Ave	1.386	1.399		101	100	0.9	20.0
Benzo[k]fluoranthene	Ave	1.519	1.496		98.5	100	-1.5	20.0
Benzo[a]pyrene	Ave	1.120	1.109		99.0	100	-1.0	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.8629	0.7542		87.4	100	-12.6	20.0
Dibenz(a,h)anthracene	Ave	0.9027	0.7471		82.8	100	-17.2	20.0
Benzo[g,h,i]perylene	Ave	0.9966	0.8707		87.4	100	-12.6	20.0

Data File: /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/h86858.d
Report Date: 19-Mar-2010 12:50

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/h86858.d
Lab Smp Id: CCVIS-348061
Inj Date : 19-MAR-2010 12:17
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : CCVIS-348061
Misc Info : bna-4432
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/simpah.m
Meth Date : 19-Mar-2010 12:50 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.924	1.924	(0.449)	13029	0.50000	0.50
*	79 1,4-Dichlorobenzene-d4	152	4.283	4.283	(1.000)	43857	1.00000	
*	80 Naphthalene-d8	136	5.564	5.564	(1.000)	147429	1.00000	
	31 Naphthalene	128	5.584	5.584	(1.003)	16926	0.10000	0.097
	39 Acenaphthylene	152	7.171	7.171	(0.980)	12895	0.10000	0.097
*	82 Acenaphthene-d10	164	7.317	7.317	(1.000)	69087	1.00000	
	42 Acenaphthene	154	7.346	7.346	(1.004)	8270	0.10000	0.097
	47 Fluorene	166	7.863	7.863	(1.075)	8587	0.10000	0.097
	51 Hexachlorobenzene	284	8.418	8.418	(0.953)	3004	0.10000	0.097
	14 Pentachlorophenol	266	8.603	8.603	(0.979)	3921	0.50000	0.40(M)
*	83 Phenanthrene-d10	188	8.789	8.789	(1.000)	85898	1.00000	(MH)
	52 Phenanthrene	178	8.808	8.808	(0.997)	11899	0.10000	0.100(H)
	53 Anthracene	178	8.857	8.857	(1.002)	9588	0.10000	0.10
	56 Fluoranthene	202	9.980	9.980	(1.129)	8222	0.10000	0.097
	57 Pyrene	202	10.198	10.198	(1.000)	8280	0.10000	0.12

Data File: /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/h86858.d
Report Date: 19-Mar-2010 12:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	61 Benzo(a)anthracene	228	11.532	11.532	(1.000)	4915	0.10000	0.10(H)
*	81 Chrysene-d12	240	11.549	11.549	(1.000)	42900	1.00000	(M)
	62 Chrysene	228	11.573	11.573	(1.000)	5440	0.10000	0.094
	65 Benzo(b)fluoranthene	252	12.932	12.932	(0.961)	3351	0.10000	0.10
	66 Benzo(k)fluoranthene	252	12.972	12.972	(0.964)	3583	0.10000	0.098
	67 Benzo(a)pyrene	252	13.374	13.374	(0.994)	2656	0.10000	0.099
*	84 Perylene-d12	264	13.454	13.454	(1.000)	23958	1.00000	
	68 Indeno(1,2,3-cd)pyrene	276	14.958	14.958	(1.112)	1807	0.10000	0.087
	69 Dibenz(a,h)anthracene	278	14.998	14.998	(1.115)	1790	0.10000	0.083
	70 Benzo(g,h,i)perylene	276	15.376	15.376	(1.143)	2086	0.10000	0.087

QC Flag Legend

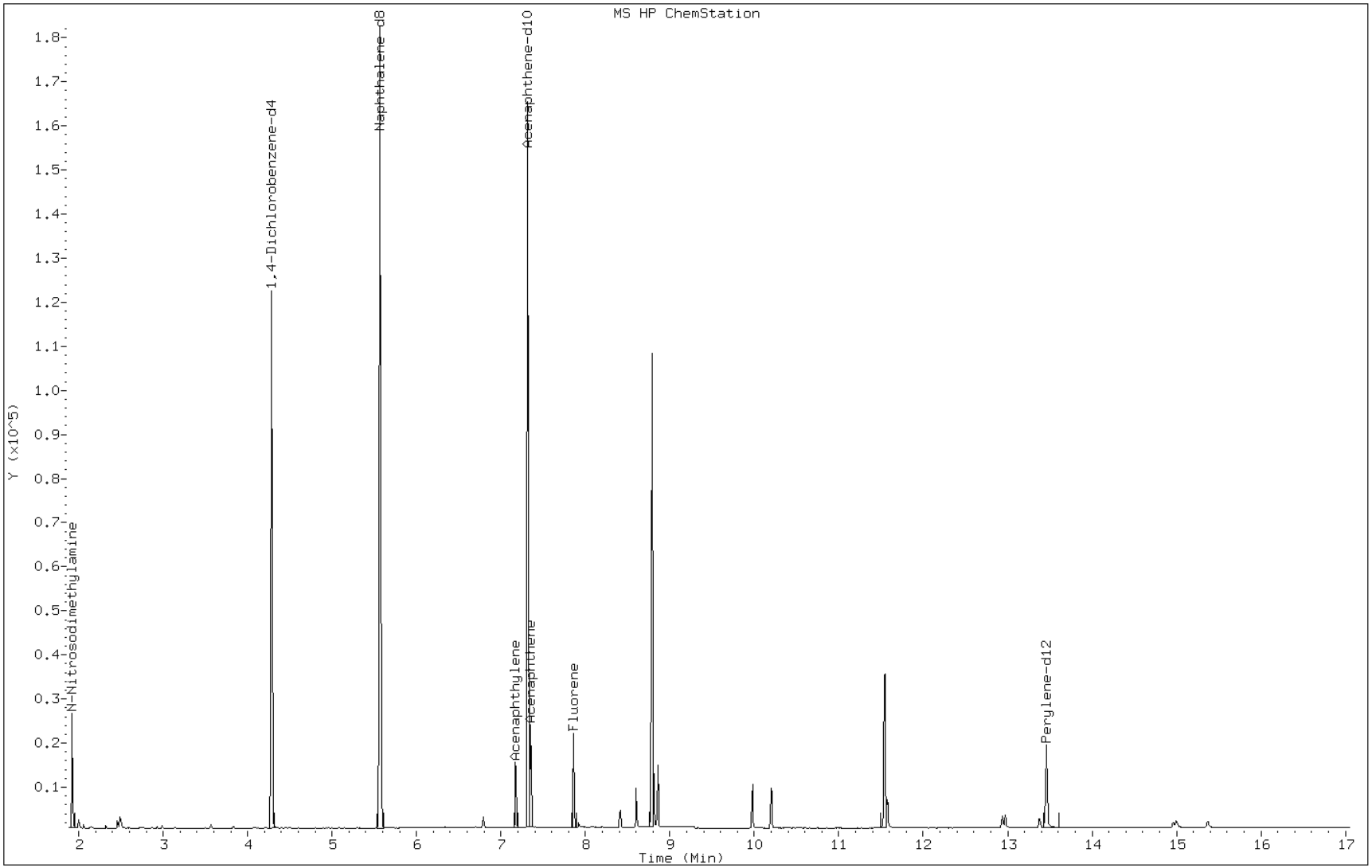
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: h86858.d

Date: 19-MAR-2010 12:17

Client ID: Instrument: BNAMS9.i

Sample Info: CCVIS-348061 Operator: BNAMS 4



Manual Integration Report

Data File: h86858.d
Inj. Date and Time: 19-MAR-2010 12:17
Instrument ID: BNAMS9.i
Client ID:
Compound: 14 Pentachlorophenol
CAS #: 87-86-5
Report Date: 03/22/2010

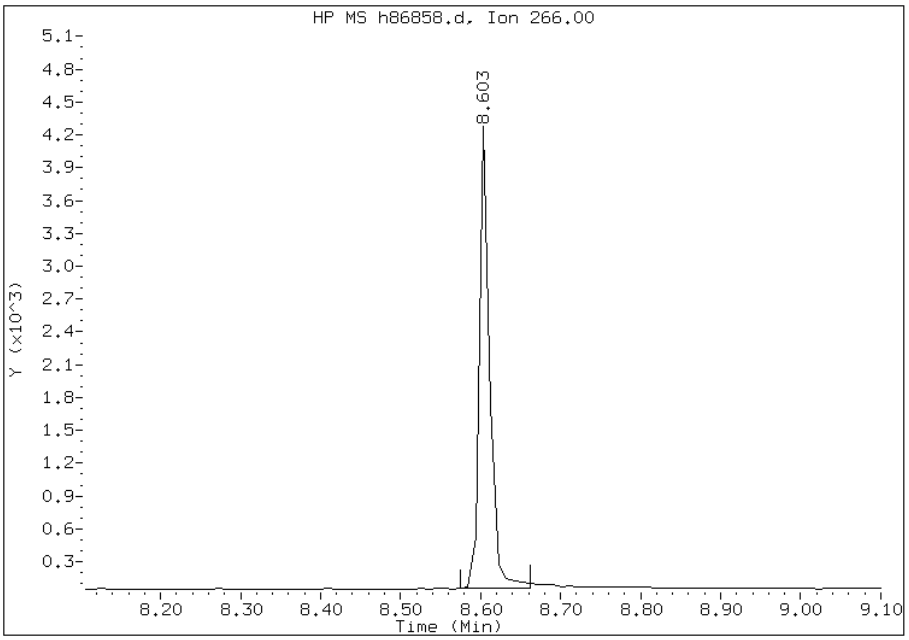
Processing Integration Results

RT: 8.60

Response: 4021

Amount: 0

Conc: 1



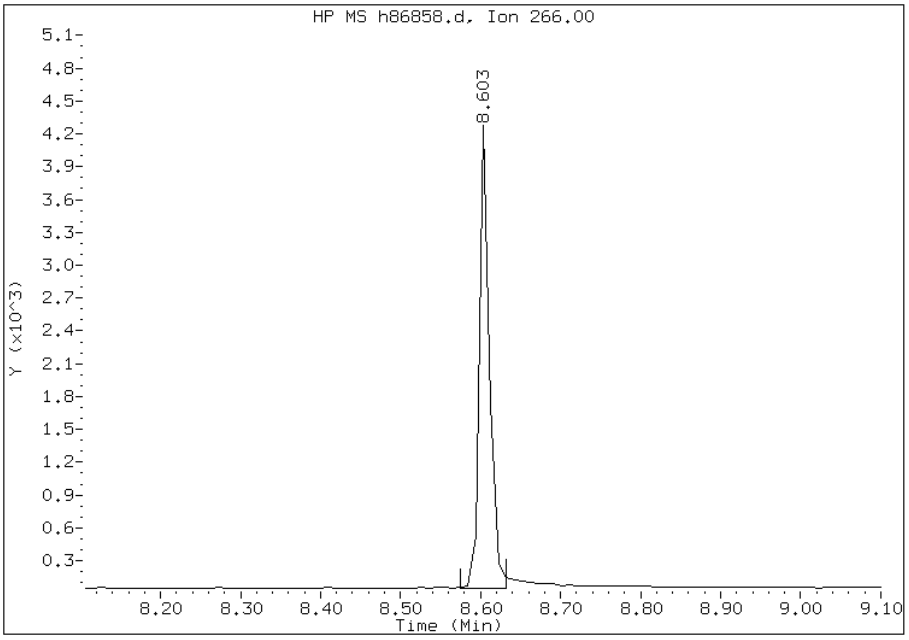
Manual Integration Results

RT: 8.60

Response: 3921

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: CCVIS 460-32791/2 Calibration Date: 03/22/2010 17:04

Instrument ID: BNAMS9 Calib Start Date: 03/17/2010 10:31

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/17/2010 12:41

Lab File ID: h86919.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.5996	0.5786		483	500	-3.5	20.0
Naphthalene	Ave	1.181	1.155		97.7	100	-2.3	20.0
Acenaphthylene	Ave	1.928	1.817		94.3	100	-5.7	20.0
Acenaphthene	Ave	1.238	1.206		97.4	100	-2.6	20.0
Fluorene	Ave	1.284	1.164		90.6	100	-9.4	20.0
Hexachlorobenzene	Ave	0.3592	0.3777		105	100	5.2	20.0
Pentachlorophenol	QuaF	0.1085	0.1159		509	500	1.7	20.0
Phenanthrene	Ave	1.386	1.329		95.9	100	-4.1	20.0
Anthracene	Ave	1.116	1.049		94.0	100	-6.0	20.0
Fluoranthene	Ave	0.9870	0.8177		82.9	100	-17.1	20.0
Pyrene	Ave	1.640	1.726		105	100	5.2	20.0
Benzo[a]anthracene	Ave	1.095	1.053		96.1	100	-3.9	20.0
Chrysene	Ave	1.347	1.297		96.3	100	-3.7	20.0
Benzo[b]fluoranthene	Ave	1.386	1.344		97.0	100	-3.0	20.0
Benzo[k]fluoranthene	Ave	1.519	1.262		83.1	100	-16.9	20.0
Benzo[a]pyrene	Ave	1.120	1.016		90.7	100	-9.3	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.8629	0.8659		100	100	0.3	20.0
Dibenz(a,h)anthracene	Ave	0.9027	0.8081		89.5	100	-10.5	20.0
Benzo[g,h,i]perylene	Ave	0.9966	1.049		105	100	5.2	20.0

Data File: /chem/BNAMS9.i/SIMT/03-17-10/22mar10.b/h86919.d
Report Date: 23-Mar-2010 08:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/22mar10.b/h86919.d
Lab Smp Id: CCVIS-348061
Inj Date : 22-MAR-2010 17:04
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : CCVIS-348061
Misc Info : bna-4432
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/22mar10.b/simpah.m
Meth Date : 23-Mar-2010 08:37 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.847	1.847	(0.440)	9420	0.50000	0.48
*	79 1,4-Dichlorobenzene-d4	152	4.196	4.196	(1.000)	32561	1.00000	
*	80 Naphthalene-d8	136	5.478	5.478	(1.000)	104043	1.00000	
	31 Naphthalene	128	5.497	5.497	(1.004)	12012	0.10000	0.098
	39 Acenaphthylene	152	7.085	7.085	(0.980)	7539	0.10000	0.094
*	82 Acenaphthene-d10	164	7.231	7.231	(1.000)	41482	1.00000	
	42 Acenaphthene	154	7.260	7.260	(1.004)	5001	0.10000	0.097
	47 Fluorene	166	7.776	7.776	(1.075)	4827	0.10000	0.090
	51 Hexachlorobenzene	284	8.322	8.322	(0.957)	1601	0.10000	0.10
	14 Pentachlorophenol	266	8.517	8.517	(0.980)	2457	0.50000	0.51
*	83 Phenanthrene-d10	188	8.692	8.692	(1.000)	42385	1.00000	
	52 Phenanthrene	178	8.722	8.722	(1.003)	5634	0.10000	0.096
	53 Anthracene	178	8.770	8.770	(1.009)	4445	0.10000	0.094
	56 Fluoranthene	202	9.884	9.884	(1.137)	3466	0.10000	0.083
	57 Pyrene	202	10.109	10.109	(1.000)	3425	0.10000	0.10

Data File: /chem/BNAMS9.i/SIMT/03-17-10/22mar10.b/h86919.d
Report Date: 23-Mar-2010 08:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	61 Benzo(a)anthracene	228	11.420	11.420	(1.000)	2089	0.10000	0.096(H)
*	81 Chrysene-d12	240	11.428	11.428	(1.000)	19839	1.00000	(M)
	62 Chrysene	228	11.460	11.460	(1.000)	2573	0.10000	0.096
	65 Benzo(b)fluoranthene	252	12.803	12.803	(0.961)	1933	0.10000	0.097
	66 Benzo(k)fluoranthene	252	12.844	12.844	(0.964)	1814	0.10000	0.083
	67 Benzo(a)pyrene	252	13.246	13.246	(0.994)	1461	0.10000	0.091
*	84 Perylene-d12	264	13.326	13.326	(1.000)	14379	1.00000	
	68 Indeno(1,2,3-cd)pyrene	276	14.798	14.798	(1.110)	1245	0.10000	0.10(H)
	69 Dibenz(a,h)anthracene	278	14.838	14.838	(1.113)	1162	0.10000	0.090
	70 Benzo(g,h,i)perylene	276	15.200	15.200	(1.141)	1508	0.10000	0.10

QC Flag Legend

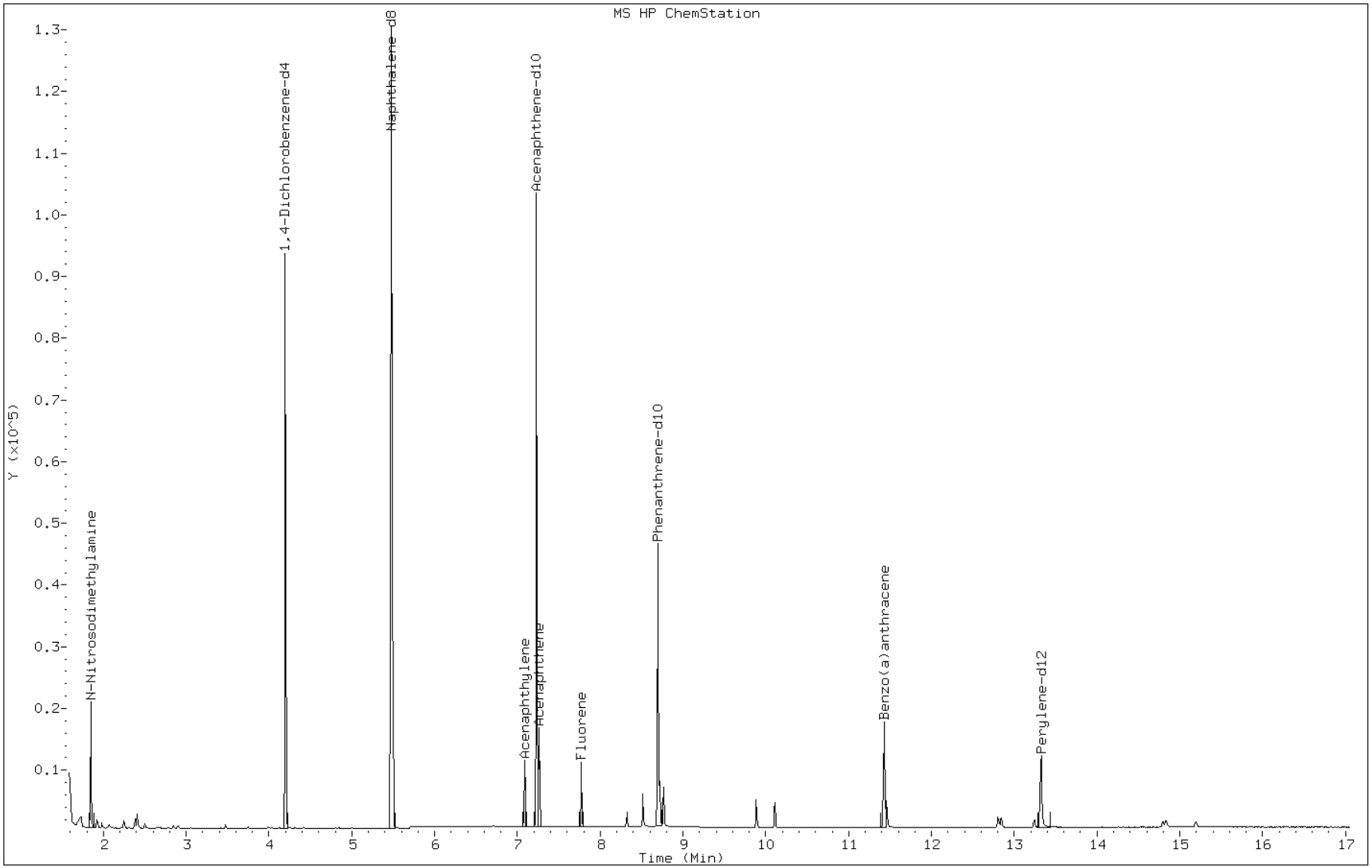
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: h86919.d

Date: 22-MAR-2010 17:04

Client ID: Instrument: BNAMS9.i

Sample Info: CCVIS-348061 Operator: BNAMS 4



Data File: /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/h86759.d
Report Date: 17-Mar-2010 10:28

TestAmerica

Data file : /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/h86759.d
Lab Smp Id: DFTPP-284095
Inj Date : 17-MAR-2010 10:11
Operator : BNA2 Inst ID: BNAMS9.i
Smp Info : DFTPP-284095
Misc Info : bna-4426
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/BNADFTPP.m
Meth Date : 16-Mar-2010 09:56 czhao Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: hpd1

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.285	5.314	-0.029	198	37546			0.00- 100.00	100.00
5.285	5.314	-0.029	51	17614			30.00- 60.00	46.91
5.285	5.314	-0.029	68	0			0.00- 2.00	0.00
5.285	5.314	-0.029	69	18140			0.00- 0.00	48.31
5.285	5.314	-0.029	70	0			0.00- 2.00	0.00
5.285	5.314	-0.029	127	21762			40.00- 60.00	57.96
5.285	5.314	-0.029	197	0			0.00- 1.00	0.00
5.285	5.314	-0.029	199	2579			5.00- 9.00	6.87
5.285	5.314	-0.029	275	9831			10.00- 30.00	26.18
5.285	5.314	-0.029	365	972			1.00- 0.00	2.59
5.285	5.314	-0.029	441	4779			0.01- 100.00	80.89
5.285	5.314	-0.029	442	32290			40.00- 110.00	86.00
5.285	5.314	-0.029	443	5908			17.00- 23.00	18.30

Data File: h86759.d

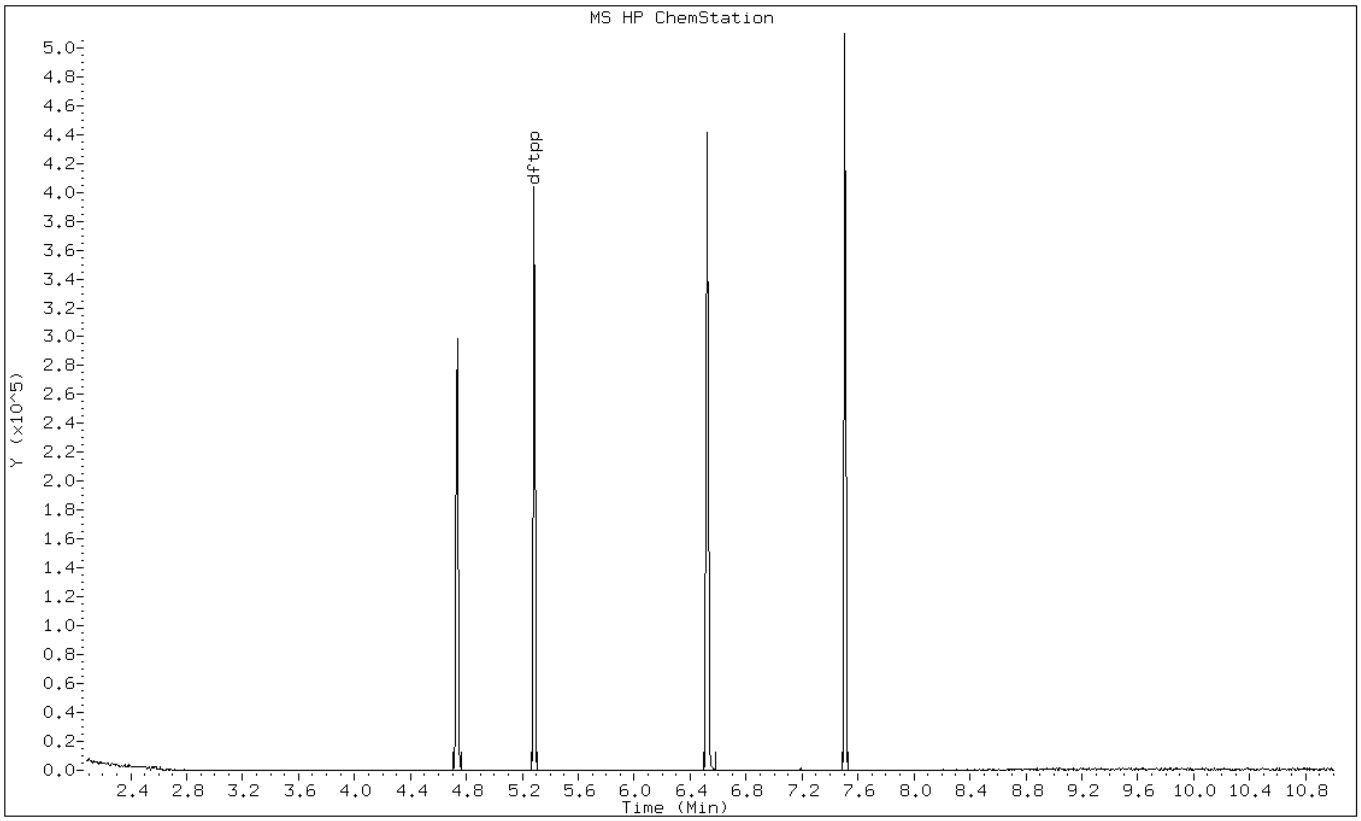
Date: 17-MAR-2010 10:11

Client ID:

Instrument: BNAMS9.i

Sample Info: DFTPP-284095

Operator: BNA2



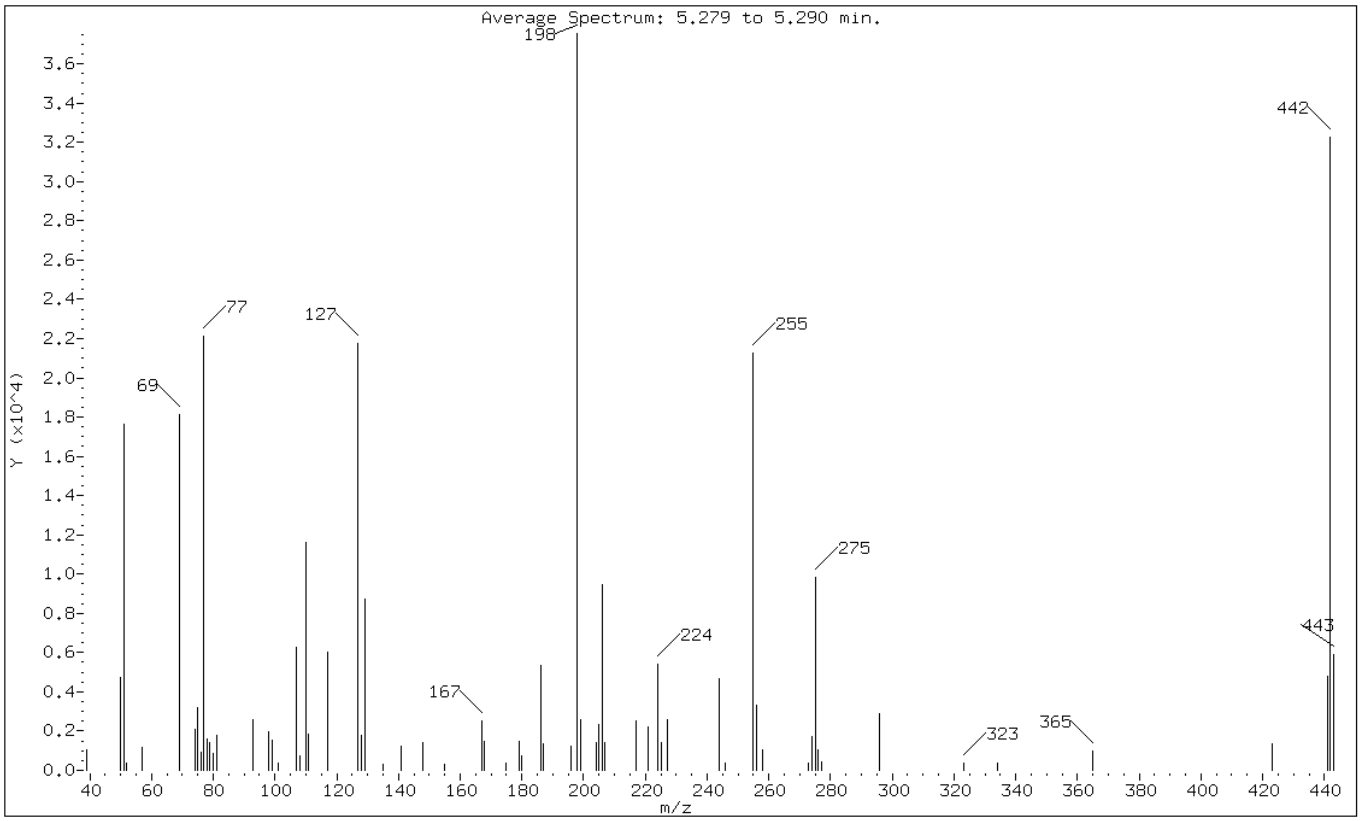
Data File: h86759.d

Date: 17-MAR-2010 10:11

Client ID: Instrument: BNAMS9.i

Sample Info: DFTPP-284095 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	46.91
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	48.31
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	57.96
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.87
275	10.00 - 30.00% of mass 198	26.18
365	Greater than 1.00% of mass 198	2.59
441	0.01 - 100.00% of mass 443	12.73 (80.89)
442	40.00 - 110.00% of mass 198	86.00
443	17.00 - 23.00% of mass 442	15.74 (18.30)

Data File: h86759.d

Date: 17-MAR-2010 10:11

Client ID: Instrument: BNAMS9.i

Sample Info: DFTPP-284095 Operator: BNA2

Data File: /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b/h86759.d
Spectrum: Average Spectrum: 5.279 to 5.290 min.
Location of Maximum: 198.00
Number of points: 67

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1069	101.00	381	180.00	717	255.00	21256
50.00	4710	107.00	6287	186.00	5331	256.00	3290
51.00	17608	108.00	751	187.00	1375	258.00	1062
52.00	354	110.00	11614	196.00	1225	273.00	377
57.00	1197	111.00	1856	198.00	37544	274.00	1706
69.00	18136	117.00	6019	199.00	2579	275.00	9831
74.00	2081	127.00	21760	204.00	1436	276.00	1045
75.00	3219	128.00	1796	205.00	2354	277.00	416
76.00	918	129.00	8742	206.00	9482	296.00	2862
77.00	22136	135.00	334	207.00	1389	323.00	376
78.00	1599	141.00	1230	217.00	2519	334.00	342
79.00	1435	148.00	1383	221.00	2197	365.00	972
80.00	836	155.00	336	224.00	5416	423.00	1339
81.00	1771	167.00	2502	225.00	1393	441.00	4779
93.00	2589	168.00	1473	227.00	2562	442.00	32288
98.00	1959	175.00	399	244.00	4697	443.00	5908
99.00	1522	179.00	1500	246.00	355		

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86808.d
Report Date: 18-Mar-2010 12:38

TestAmerica

Data file : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86808.d
Lab Smp Id: DFTPP-284095
Inj Date : 18-MAR-2010 12:22
Operator : BNA2 Inst ID: BNAMS9.i
Smp Info : DFTPP-284095
Misc Info : bna-4426
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/BNADFTPP.m
Meth Date : 16-Mar-2010 09:56 czhao Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: hpd1

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.242	5.314	-0.072	198	41397			0.00- 100.00	97.08
5.242	5.314	-0.072	51	17951			30.00- 60.00	43.36
5.242	5.314	-0.072	68	0			0.00- 2.00	0.00
5.242	5.314	-0.072	69	18139			0.00- 0.00	43.82
5.242	5.314	-0.072	70	0			0.00- 2.00	0.00
5.242	5.314	-0.072	127	21712			40.00- 60.00	52.45
5.242	5.314	-0.072	197	0			0.00- 1.00	0.00
5.242	5.314	-0.072	199	2793			5.00- 9.00	6.75
5.242	5.314	-0.072	275	11381			10.00- 30.00	27.49
5.242	5.314	-0.072	365	1781			1.00- 0.00	4.30
5.242	5.314	-0.072	441	6251			0.01- 100.00	73.43
5.242	5.314	-0.072	442	42642			40.00- 110.00	103.01
5.242	5.314	-0.072	443	8513			17.00- 23.00	19.96

Data File: h86808.d

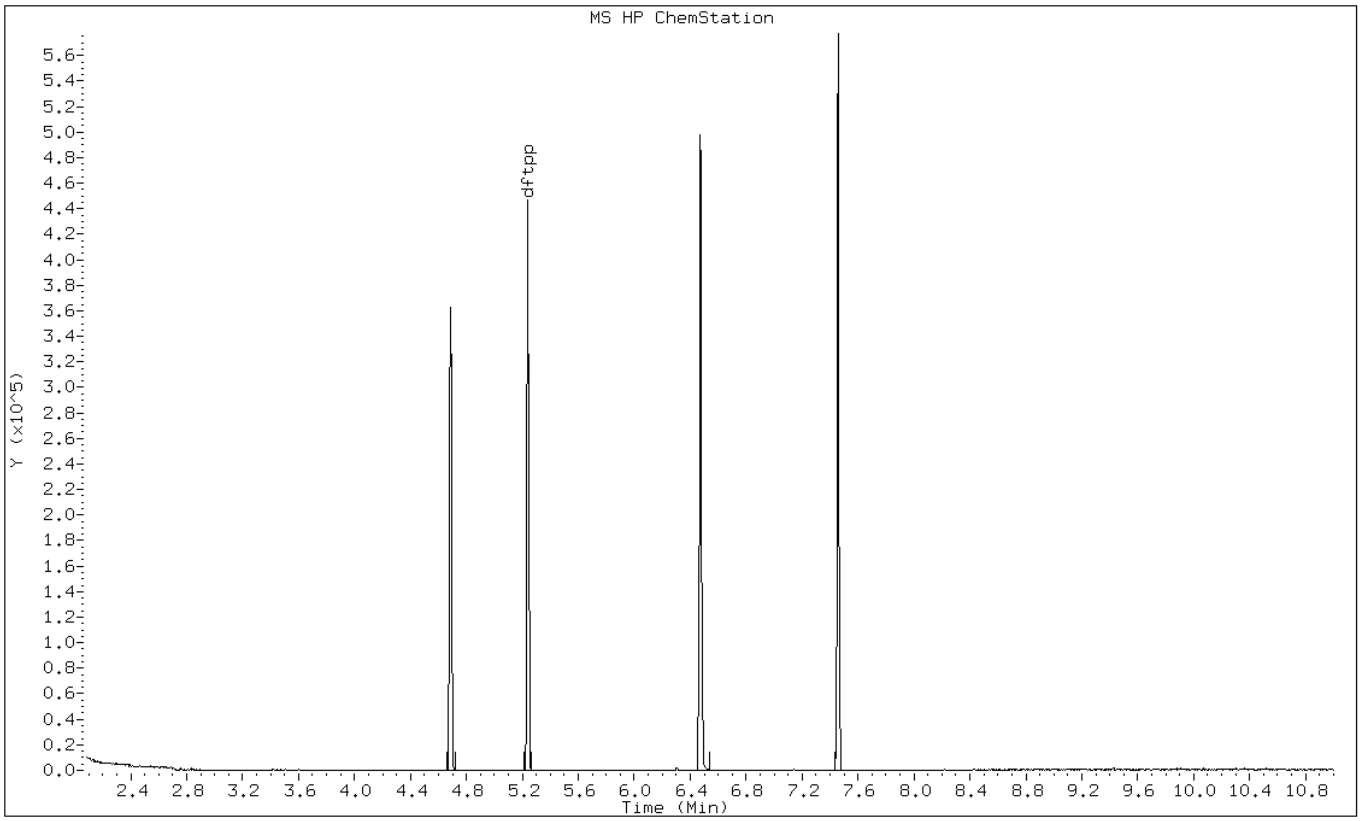
Date: 18-MAR-2010 12:22

Client ID:

Instrument: BNAMS9.i

Sample Info: DFTPP-284095

Operator: BNA2



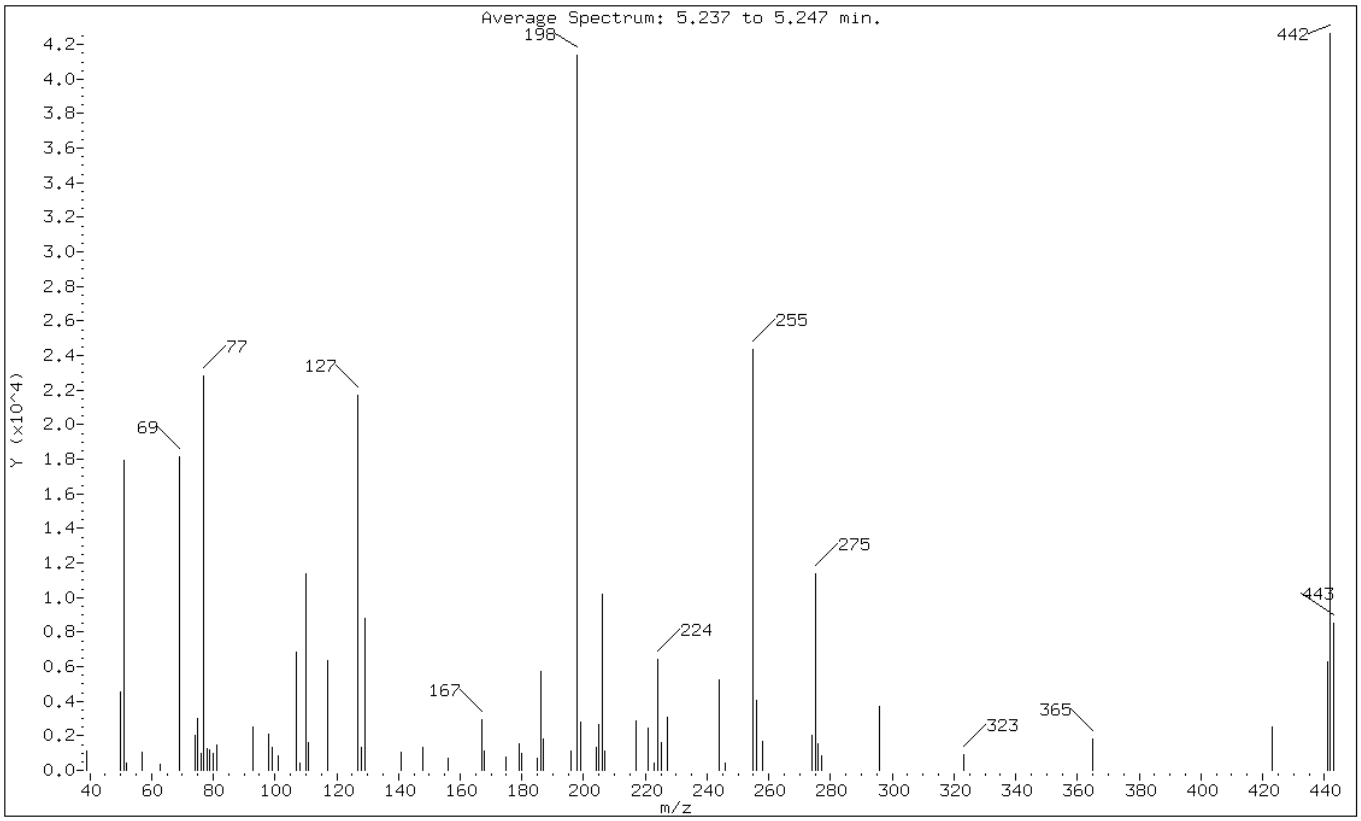
Data File: h86808.d

Date: 18-MAR-2010 12:22

Client ID: Instrument: BNAMS9.i

Sample Info: DFTPP-284095 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	43.36
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	43.82
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	52.45
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.75
275	10.00 - 30.00% of mass 198	27.49
365	Greater than 1.00% of mass 198	4.30
441	0.01 - 100.00% of mass 443	15.10 (73.43)
442	40.00 - 110.00% of mass 198	103.01
443	17.00 - 23.00% of mass 442	20.56 (19.96)

Data File: h86808.d

Date: 18-MAR-2010 12:22

Client ID:

Instrument: BNAMS9.i

Sample Info: DFTPP-284095

Operator: BNA2

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86808.d
Spectrum: Average Spectrum: 5.237 to 5.247 min.
Location of Maximum: 442.00
Number of points: 67

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1151	99.00	1303	180.00	977	244.00	5250
50.00	4564	101.00	824	185.00	691	246.00	423
51.00	17944	107.00	6815	186.00	5704	255.00	24376
52.00	443	108.00	426	187.00	1796	256.00	4026
57.00	1075	110.00	11408	196.00	1149	258.00	1660
63.00	347	111.00	1599	198.00	41392	274.00	2014
69.00	18136	117.00	6368	199.00	2793	275.00	11381
74.00	2046	127.00	21712	204.00	1314	276.00	1511
75.00	3032	128.00	1319	205.00	2629	277.00	815
76.00	969	129.00	8821	206.00	10210	296.00	3679
77.00	22808	141.00	1065	207.00	1095	323.00	938
78.00	1229	148.00	1322	217.00	2847	365.00	1781
79.00	1187	156.00	719	221.00	2463	423.00	2505
80.00	990	167.00	2922	223.00	392	441.00	6251
81.00	1435	168.00	1133	224.00	6424	442.00	42640
93.00	2520	175.00	784	225.00	1619	443.00	8513
98.00	2111	179.00	1541	227.00	3072		

Data File: /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/h86857.d
Report Date: 19-Mar-2010 12:16

TestAmerica

Data file : /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/h86857.d
Lab Smp Id: DFTPP-284095
Inj Date : 19-MAR-2010 11:43
Operator : BNA2 Inst ID: BNAMS9.i
Smp Info : DFTPP-284095
Misc Info : bna-4426
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/BNADFTPP.m
Meth Date : 16-Mar-2010 09:56 czhao Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: hpd1

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.205	5.314	-0.109	198	55712			0.00- 100.00	100.00
5.205	5.314	-0.109	51	25696			30.00- 60.00	46.12
5.205	5.314	-0.109	68	0			0.00- 2.00	0.00
5.205	5.314	-0.109	69	26805			0.00- 0.00	48.11
5.205	5.314	-0.109	70	0			0.00- 2.00	0.00
5.205	5.314	-0.109	127	31464			40.00- 60.00	56.48
5.205	5.314	-0.109	197	0			0.00- 1.00	0.00
5.205	5.314	-0.109	199	3926			5.00- 9.00	7.05
5.205	5.314	-0.109	275	14857			10.00- 30.00	26.67
5.205	5.314	-0.109	365	1972			1.00- 0.00	3.54
5.205	5.314	-0.109	441	7740			0.01- 100.00	75.17
5.205	5.314	-0.109	442	52058			40.00- 110.00	93.44
5.205	5.314	-0.109	443	10297			17.00- 23.00	19.78

Data File: h86857.d

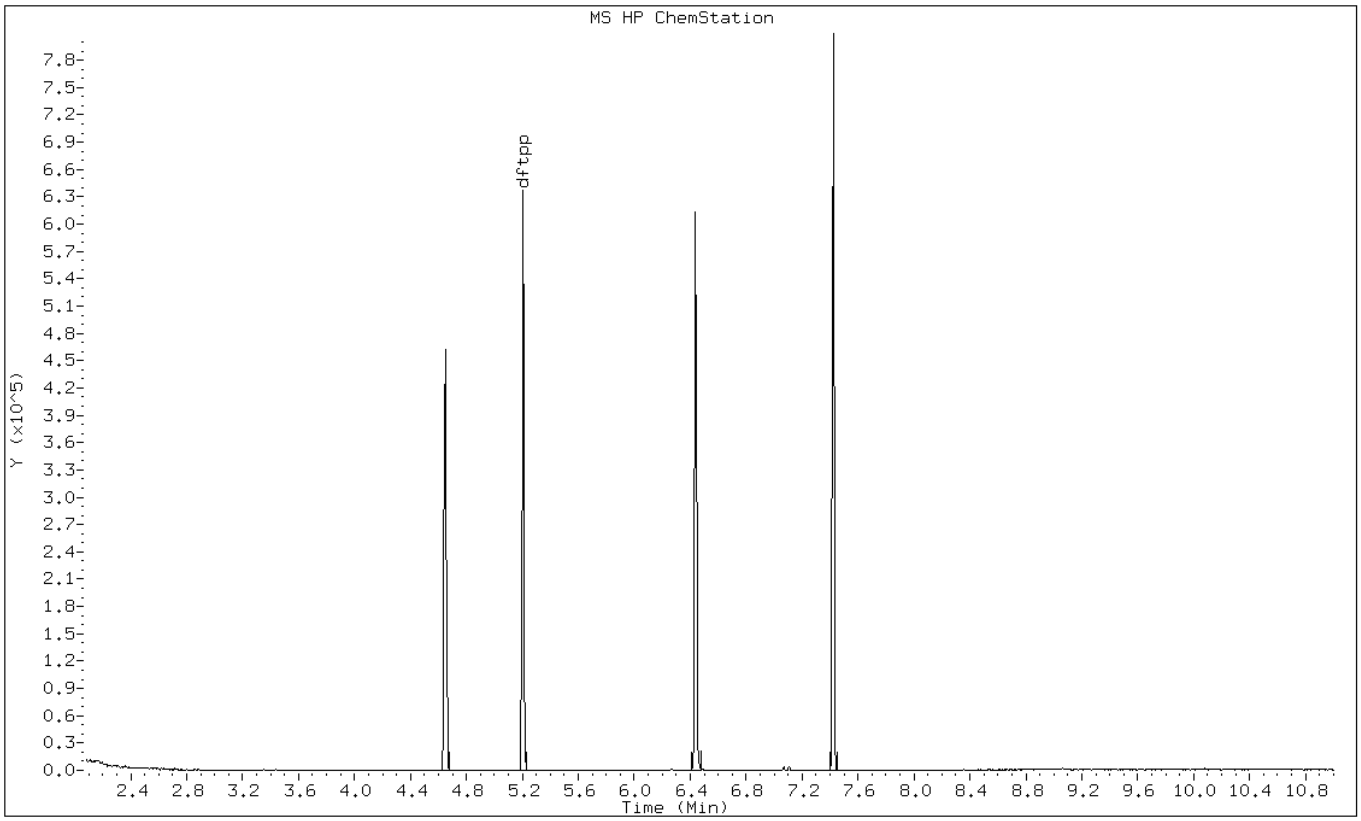
Date: 19-MAR-2010 11:43

Client ID:

Instrument: BNAMS9.i

Sample Info: DFTPP-284095

Operator: BNA2



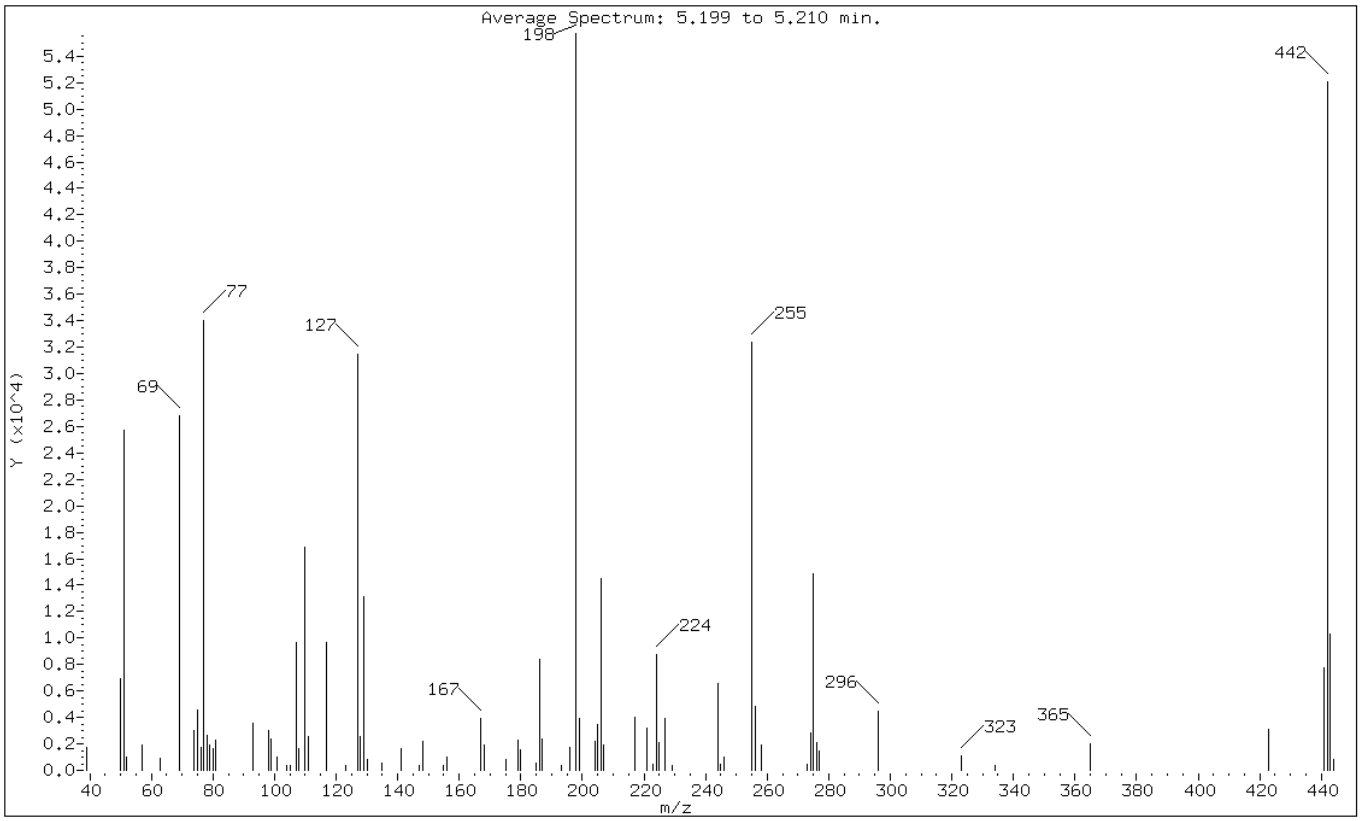
Data File: h86857.d

Date: 19-MAR-2010 11:43

Client ID: Instrument: BNAMS9.i

Sample Info: DFTPP-284095 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	46.12
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	48.11
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	56.48
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.05
275	10.00 - 30.00% of mass 198	26.67
365	Greater than 1.00% of mass 198	3.54
441	0.01 - 100.00% of mass 443	13.89 (75.17)
442	40.00 - 110.00% of mass 198	93.44
443	17.00 - 23.00% of mass 442	18.48 (19.78)

Data File: h86857.d

Date: 19-MAR-2010 11:43

Client ID:

Instrument: BNAMS9.i

Sample Info: DFTPP-284095

Operator: BNA2

Data File: /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/h86857.d
Spectrum: Average Spectrum: 5.199 to 5.210 min.
Location of Maximum: 198.00
Number of points: 80

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1747	107.00	9648	185.00	508	255.00	32368
50.00	6954	108.00	1606	186.00	8427	256.00	4854
51.00	25696	110.00	16848	187.00	2382	258.00	1958
52.00	1013	111.00	2548	193.00	394	273.00	414
57.00	1870	117.00	9651	196.00	1766	274.00	2786
63.00	897	123.00	399	198.00	55712	275.00	14857
69.00	26800	127.00	31464	199.00	3926	276.00	2106
74.00	3033	128.00	2556	204.00	2165	277.00	1447
75.00	4526	129.00	13147	205.00	3490	296.00	4504
76.00	1735	130.00	796	206.00	14478	323.00	1135
77.00	34008	135.00	538	207.00	1872	334.00	387
78.00	2601	141.00	1617	217.00	4011	365.00	1972
79.00	1925	147.00	375	221.00	3209	423.00	3099
80.00	1661	148.00	2164	223.00	421	441.00	7740
81.00	2251	155.00	362	224.00	8793	442.00	52056
93.00	3597	156.00	967	225.00	2088	443.00	10297
98.00	2970	167.00	3880	227.00	3945	444.00	832
99.00	2412	168.00	1908	229.00	365		
101.00	984	175.00	811	244.00	6603		
104.00	340	179.00	2276	245.00	428		
105.00	347	180.00	1569	246.00	1003		

Data File: /chem/BNAMS9.i/SIMT/03-17-10/22mar10.b/h86918.d
Report Date: 22-Mar-2010 17:31

TestAmerica

Data file : /chem/BNAMS9.i/SIMT/03-17-10/22mar10.b/h86918.d
Lab Smp Id: DFTPP-284095
Inj Date : 22-MAR-2010 16:39
Operator : BNAMS3 Inst ID: BNAMS9.i
Smp Info : DFTPP-284095
Misc Info : bna-4426
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/22mar10.b/BNADFTPP.m
Meth Date : 16-Mar-2010 09:56 czhao Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: hpd1

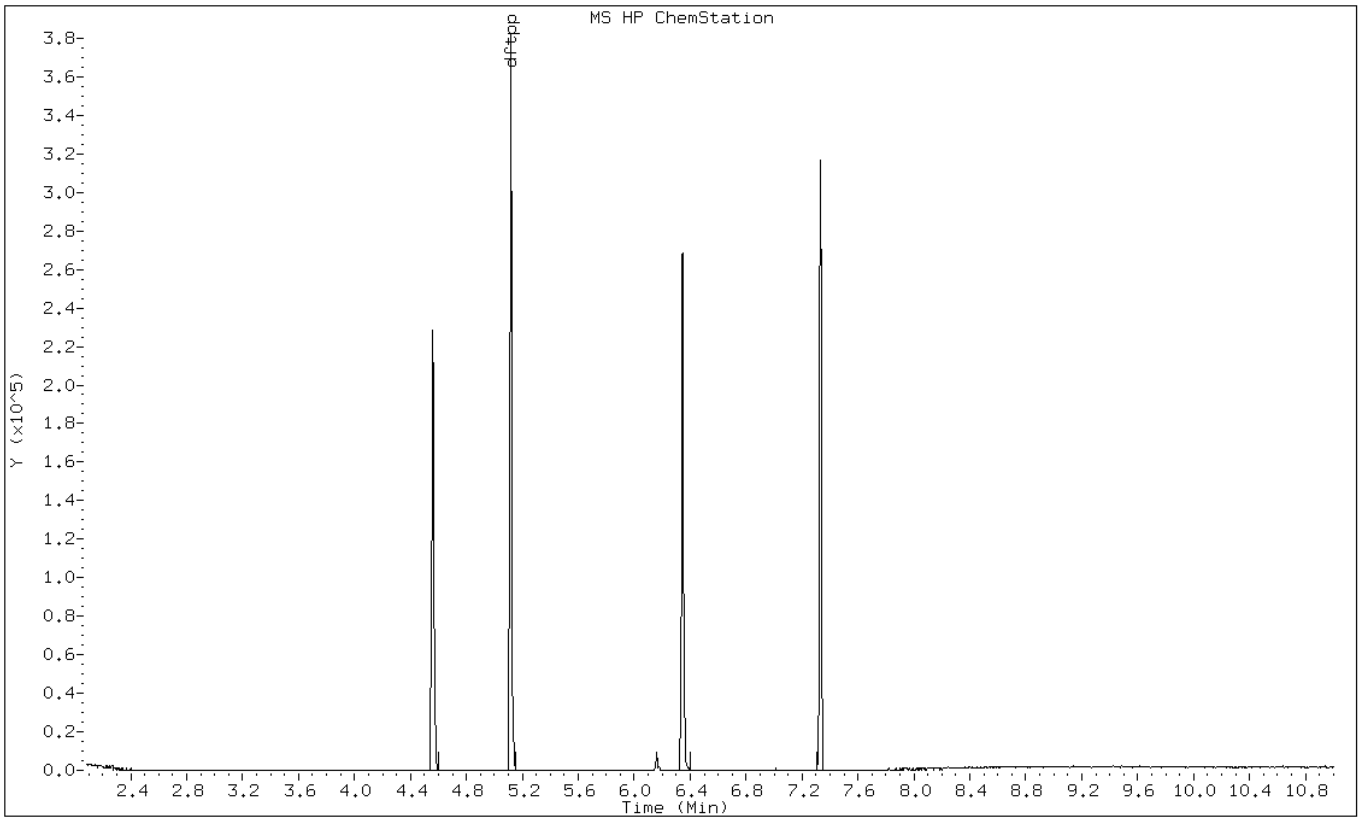
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.119	5.314	-0.195	198	35912			0.00- 100.00	99.07
5.119	5.314	-0.195	51	15680			30.00- 60.00	43.66
5.119	5.314	-0.195	68	0			0.00- 2.00	0.00
5.119	5.314	-0.195	69	16714			0.00- 0.00	46.54
5.119	5.314	-0.195	70	0			0.00- 2.00	0.00
5.119	5.314	-0.195	127	19371			40.00- 60.00	53.94
5.119	5.314	-0.195	197	0			0.00- 1.00	0.00
5.119	5.314	-0.195	199	2469			5.00- 9.00	6.88
5.119	5.314	-0.195	275	9410			10.00- 30.00	26.20
5.119	5.314	-0.195	365	1475			1.00- 0.00	4.11
5.119	5.314	-0.195	441	5565			0.01- 100.00	78.75
5.119	5.314	-0.195	442	36248			40.00- 110.00	100.94
5.119	5.314	-0.195	443	7067			17.00- 23.00	19.50

Data File: h86918.d

Date: 22-MAR-2010 16:39

Client ID: Instrument: BNAMS9.i

Sample Info: DFTPP-284095 Operator: BNAMS3



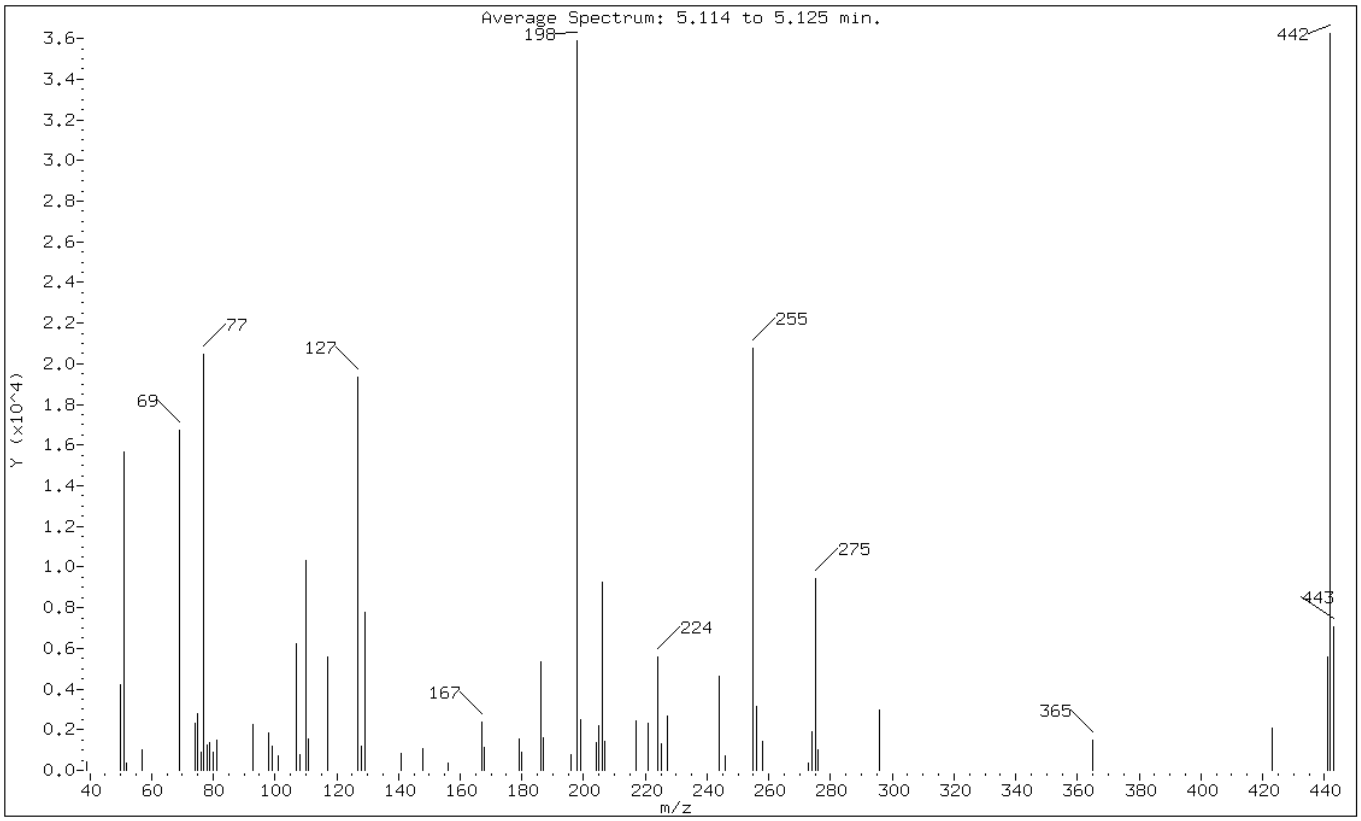
Data File: h86918.d

Date: 22-MAR-2010 16:39

Client ID: Instrument: BNAMS9.i

Sample Info: DFTPP-284095 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	43.66
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	46.54
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	53.94
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.88
275	10.00 - 30.00% of mass 198	26.20
365	Greater than 1.00% of mass 198	4.11
441	0.01 - 100.00% of mass 443	15.50 (78.75)
442	40.00 - 110.00% of mass 198	100.94
443	17.00 - 23.00% of mass 442	19.68 (19.50)

Data File: h86918.d

Date: 22-MAR-2010 16:39

Client ID: Instrument: BNAMS9.i

Sample Info: DFTPP-284095 Operator: BNAMS3

Data File: /chem/BNAMS9.i/SIMT/03-17-10/22mar10.b/h86918.d
Spectrum: Average Spectrum: 5.114 to 5.125 min.
Location of Maximum: 442.00
Number of points: 62

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	414	99.00	1186	180.00	865	246.00	714
50.00	4224	101.00	714	186.00	5337	255.00	20760
51.00	15680	107.00	6239	187.00	1573	256.00	3141
52.00	352	108.00	753	196.00	755	258.00	1453
57.00	1002	110.00	10338	198.00	35912	273.00	340
69.00	16712	111.00	1571	199.00	2469	274.00	1885
74.00	2302	117.00	5560	204.00	1359	275.00	9410
75.00	2815	127.00	19368	205.00	2187	276.00	1036
76.00	867	128.00	1189	206.00	9226	296.00	2959
77.00	20496	129.00	7777	207.00	1441	365.00	1475
78.00	1249	141.00	853	217.00	2433	423.00	2102
79.00	1388	148.00	1076	221.00	2339	441.00	5565
80.00	896	156.00	367	224.00	5566	442.00	36248
81.00	1512	167.00	2372	225.00	1329	443.00	7067
93.00	2274	168.00	1153	227.00	2678		
98.00	1821	179.00	1559	244.00	4598		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-31280/1-A

Matrix: Water | Lab File ID: h86814.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/05/2010 07:35

Sample wt/vol: 1000(mL) | Date Analyzed: 03/18/2010 14:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 32430 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.020
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.030
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.040
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86814.d
Report Date: 18-Mar-2010 16:22

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/h86814.d
Lab Smp Id: MB 460-31280/1-A
Inj Date : 18-MAR-2010 14:51
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : MB 460-31280/1-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b/simpah.m
Meth Date : 18-Mar-2010 13:07 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)	
* 79 1,4-Dichlorobenzene-d4	152	4.321	4.322	(1.000)	36221	1.00000		
* 80 Naphthalene-d8	136	5.593	5.593	(1.000)	111820	1.00000		
31 Naphthalene	128	5.613	5.613	(1.003)	4725	0.03577	0.072	
* 82 Acenaphthene-d10	164	7.346	7.346	(1.000)	45806	1.00000		
* 83 Phenanthrene-d10	188	8.817	8.818	(1.000)	51028	1.00000		
* 81 Chrysene-d12	240	11.580	11.581	(1.000)	24577	1.00000		(M)
* 84 Perylene-d12	264	13.502	13.503	(1.000)	17668	1.00000		

QC Flag Legend

M - Compound response manually integrated.

Data File: h86814.d

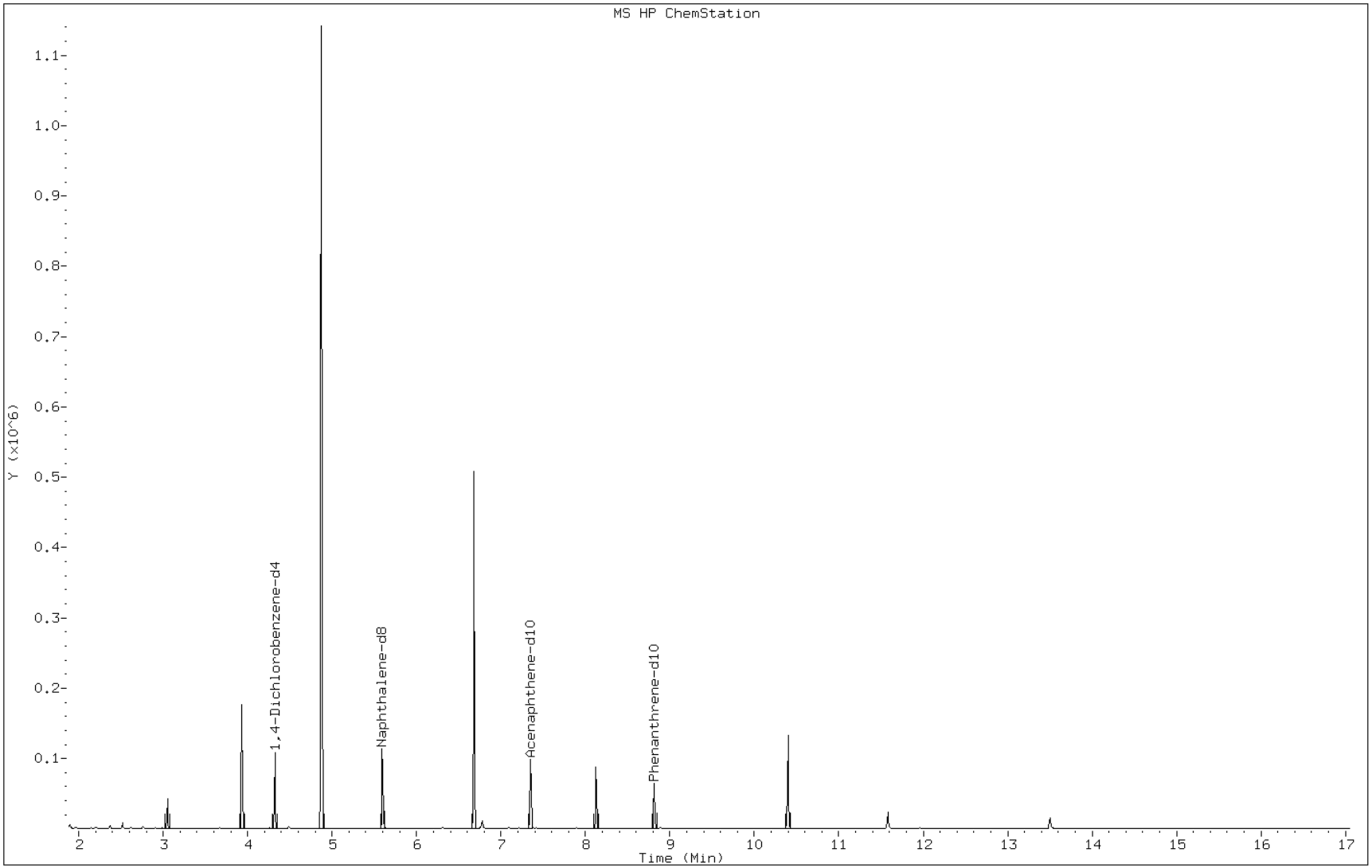
Date: 18-MAR-2010 14:51

Client ID:

Instrument: BNAMS9.i

Sample Info: MB 460-31280/1-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-10889-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-31376/1-A

Matrix: Water | Lab File ID: h86864.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 03/05/2010 20:00

Sample wt/vol: 1000(mL) | Date Analyzed: 03/19/2010 15:00

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 32627 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.020
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.030
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.040
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/h86864.d
Report Date: 22-Mar-2010 09:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/h86864.d
Lab Smp Id: MB 460-31376/1-A
Inj Date : 19-MAR-2010 15:00
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : MB 460-31376/1-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b/simpah.m
Meth Date : 19-Mar-2010 12:50 czhao Quant Type: ISTD
Cal Date : 17-MAR-2010 12:41 Cal File: h86765.d
Als bottle: 8 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)	
* 79 1,4-Dichlorobenzene-d4	152	4.283	4.283	(1.000)	42183	1.00000		
* 80 Naphthalene-d8	136	5.564	5.564	(1.000)	134450	1.00000		
* 82 Acenaphthene-d10	164	7.317	7.317	(1.000)	58845	1.00000		
* 83 Phenanthrene-d10	188	8.788	8.789	(1.000)	72164	1.00000		
* 81 Chrysene-d12	240	11.540	11.549	(1.000)	35728	1.00000		(M)
* 84 Perylene-d12	264	13.454	13.454	(1.000)	22120	1.00000		

QC Flag Legend

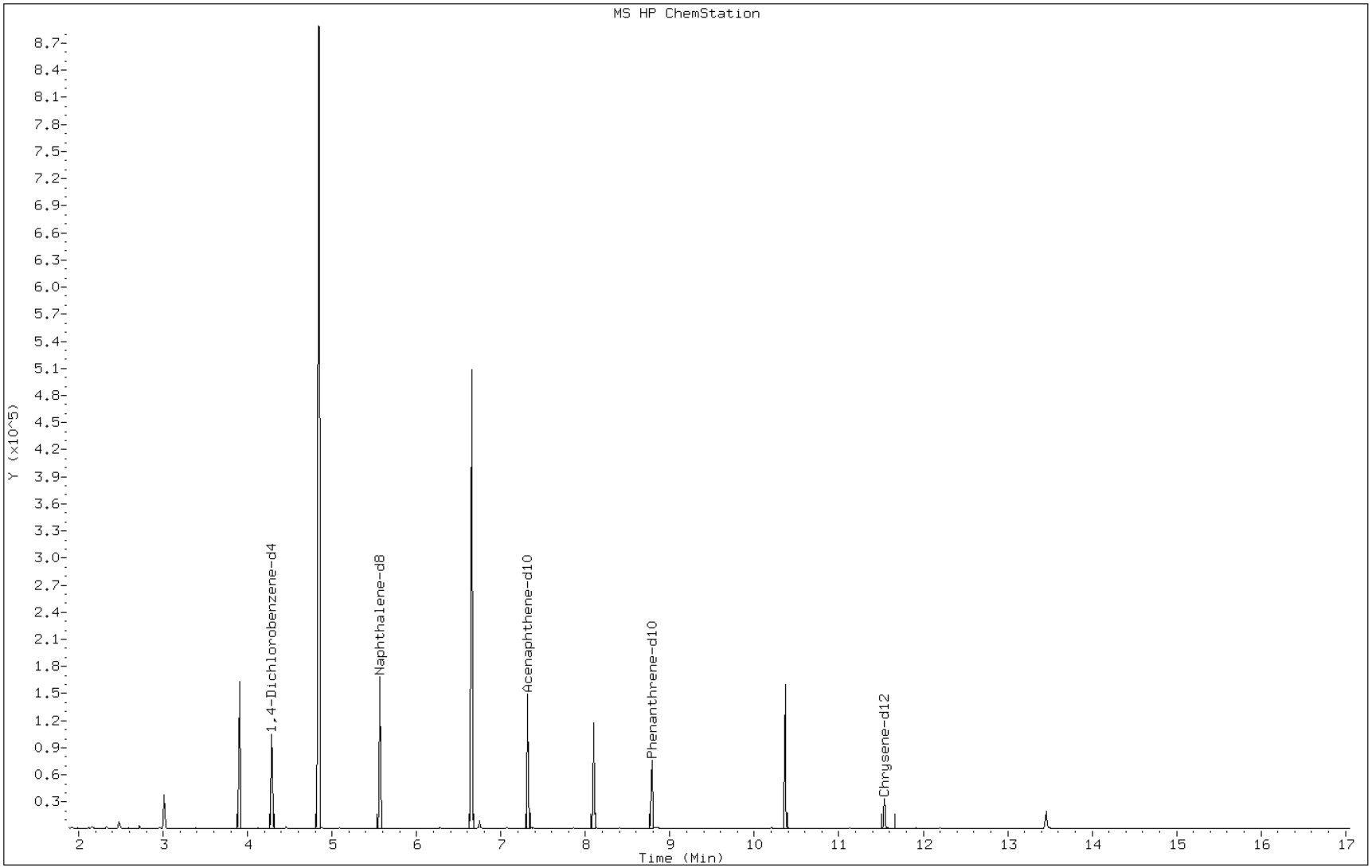
M - Compound response manually integrated.

Data File: h86864.d

Date: 19-MAR-2010 15:00

Client ID: Instrument: BNAMS9.i

Sample Info: MB 460-31376/1-A Operator: BNAMS 4



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: BNAMS9 Start Date: 03/17/2010 10:11

Analysis Batch Number: 32306 End Date: 03/17/2010 21:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-32306/1		03/17/2010 10:11	1	h86759.d	Rtx-5MS 0.25(mm)
ICIS 460-32306/2		03/17/2010 10:31	1	h86760.d	Rtx-5MS 0.25(mm)
IC 460-32306/3		03/17/2010 10:56	1	h86761.d	Rtx-5MS 0.25(mm)
IC 460-32306/4		03/17/2010 11:22	1	h86762.d	Rtx-5MS 0.25(mm)
IC 460-32306/5		03/17/2010 11:48	1	h86763.d	Rtx-5MS 0.25(mm)
IC 460-32306/6		03/17/2010 12:15	1	h86764.d	Rtx-5MS 0.25(mm)
IC 460-32306/7		03/17/2010 12:41	1	h86765.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/17/2010 15:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/17/2010 16:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/17/2010 16:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/17/2010 16:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/17/2010 17:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/17/2010 17:45	2		Rtx-5MS 0.25(mm)
ZZZZZ		03/17/2010 18:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/17/2010 19:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/17/2010 19:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/17/2010 19:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/17/2010 20:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/17/2010 20:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/17/2010 21:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/17/2010 21:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/17/2010 21:58	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: BNAMS9 Start Date: 03/18/2010 12:22

Analysis Batch Number: 32430 End Date: 03/18/2010 22:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-32430/1		03/18/2010 12:22	1	h86808.d	Rtx-5MS 0.25(mm)
CCVIS 460-32430/2		03/18/2010 12:42	1	h86809.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2010 13:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2010 13:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2010 13:59	5		Rtx-5MS 0.25(mm)
ZZZZZ		03/18/2010 14:25	1		Rtx-5MS 0.25(mm)
MB 460-31280/1-A		03/18/2010 14:51	1	h86814.d	Rtx-5MS 0.25(mm)
460-10889-1	GW-017338-030110-ACH-001	03/18/2010 15:17	1	h86815.d	Rtx-5MS 0.25(mm)
460-10889-2	GW-017338-030110-ACH-002	03/18/2010 15:42	1	h86816.d	Rtx-5MS 0.25(mm)
460-10889-3	GW-017338-030110-ACH-003	03/18/2010 16:08	1	h86817.d	Rtx-5MS 0.25(mm)
460-10889-4	GW-017338-030110-ACH-004	03/18/2010 16:33	1	h86818.d	Rtx-5MS 0.25(mm)
460-10889-5	GW-017338-030210-RAM-005	03/18/2010 16:58	1	h86819.d	Rtx-5MS 0.25(mm)
460-10889-6	EB-017338-030210-ACH-006	03/18/2010 17:24	1	h86820.d	Rtx-5MS 0.25(mm)
460-10889-7	GW-017338-030210-RAM-007	03/18/2010 17:49	1	h86821.d	Rtx-5MS 0.25(mm)
460-10889-9	GW-017338-030210-RAM-009	03/18/2010 18:40	1	h86823.d	Rtx-5MS 0.25(mm)
460-10889-10	GW-017338-030210-ACH-010	03/18/2010 19:05	1	h86824.d	Rtx-5MS 0.25(mm)
460-10889-11	GW-017338-030210-RAM-011	03/18/2010 19:31	1	h86825.d	Rtx-5MS 0.25(mm)
460-10889-12	GW-017338-030210-ACH-012	03/18/2010 19:57	1	h86826.d	Rtx-5MS 0.25(mm)
460-10889-13	GW-017338-030210-ACH-013	03/18/2010 20:22	1	h86827.d	Rtx-5MS 0.25(mm)
460-10889-14	GW-017338-030310-ACH-014	03/18/2010 21:13	1	h86829.d	Rtx-5MS 0.25(mm)
460-10889-15	GW-017338-030310-RAM-015	03/18/2010 21:39	1	h86830.d	Rtx-5MS 0.25(mm)
460-10889-16	GW-017338-030310-ACH-016	03/18/2010 22:30	1	h86832.d	Rtx-5MS 0.25(mm)
460-10889-17	GW-017338-030310-RAM-017	03/18/2010 22:56	1	h86833.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: BNAMS9 Start Date: 03/19/2010 11:43

Analysis Batch Number: 32627 End Date: 03/19/2010 23:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-32627/1		03/19/2010 11:43	1	h86857.d	Rtx-5MS 0.25(mm)
CCVIS 460-32627/2		03/19/2010 12:17	1	h86858.d	Rtx-5MS 0.25(mm)
460-10889-18	GW-017338-030310-ACH-018	03/19/2010 12:52	1	h86859.d	Rtx-5MS 0.25(mm)
460-10889-19	GW-017338-030310-RAM-019	03/19/2010 13:18	1	h86860.d	Rtx-5MS 0.25(mm)
460-10889-20	GW-017338-030310-ACH-020	03/19/2010 13:43	1	h86861.d	Rtx-5MS 0.25(mm)
460-10889-8	GW-017338-030210-ACH-008	03/19/2010 14:34	1	h86863.d	Rtx-5MS 0.25(mm)
MB 460-31376/1-A		03/19/2010 15:00	1	h86864.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2010 15:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2010 15:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2010 16:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2010 16:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2010 17:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2010 17:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2010 17:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2010 18:24	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2010 18:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2010 19:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2010 19:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2010 20:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2010 20:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2010 20:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2010 21:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2010 21:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2010 22:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2010 22:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2010 23:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/19/2010 23:28	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: BNAMS9 Start Date: 03/22/2010 16:39

Analysis Batch Number: 32791 End Date: 03/23/2010 03:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-32791/1		03/22/2010 16:39	1	h86918.d	Rtx-5MS 0.25(mm)
CCVIS 460-32791/2		03/22/2010 17:04	1	h86919.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2010 17:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2010 18:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2010 18:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2010 19:11	1		Rtx-5MS 0.25(mm)
460-10889-21	GW-017338-030310-RAM-021	03/22/2010 19:36	2	h86925.d	Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2010 20:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2010 20:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2010 20:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2010 21:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2010 21:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2010 22:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2010 22:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2010 23:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2010 23:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/22/2010 23:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/23/2010 00:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/23/2010 00:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/23/2010 01:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/23/2010 01:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/23/2010 01:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/23/2010 02:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/23/2010 03:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/23/2010 03:40	1		Rtx-5MS 0.25(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS9.i

Analytical Batch: /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b

Date Generated: 03/18/2010

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												32306
03/17/10 1011	h86759.d	1	DFTPP-284095			0	0	1	2.0	all	4426	G
03/17/10 1031	h86760.d	2	ICIS-348061			1000	2	1	1.0	all	4432	G
03/17/10 1056	h86761.d	3	IC-348059			1000	2	1	1.0	all		G Sim
03/17/10 1122	h86762.d	4	IC-348060			1000	2	1	1.0	all		G
03/17/10 1148	h86763.d	5	IC-348062			1000	2	1	1.0	all		G
03/17/10 1215	h86764.d	6	IC-348064			1000	2	1	1.0	all		G
03/17/10 1241	h86765.d	7	IC-348095			1000	2	1	1.0	all		G
03/17/10 1446	h86766.d	8	icv	17mar10		1000	1	1	1.0	all	4447	G 1 compound 76% 43%
03/17/10 1512	h86767.d	9	MB 460-31834/1-A	17mar10		1000	2	1	1.0	all		TS+ NR
03/17/10 1537	h86768.d	10	460-11112-E-1-A	460-31834		1000	2	1	1.0	all		G
03/17/10 1603	h86769.d	11	MB 460-31834/1-A	17mar10		1000	2	1	1.0	all		G
03/17/10 1629	h86770.d	12	460-10778-D-3-A	460-31451	03/08/10	1000	2	1	1.0	all		G
03/17/10 1654	h86771.d	13	460-10911-F-1-A	460-31375		1000	2	1	1.0	all		G
03/17/10 1720	h86772.d	14	460-10931-E-1-A	460-31495		950	2	1	1.0	all		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS9.i

Analytical Batch: /chem/BNAMS9.i/SIMT/03-17-10/17mar10.b

Date Generated: 03/18/2010

Page 2

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
03/17/10 1745	h86773.d	15	460-10931-E-2-A	460-31495		1000	2	2	1.0	all		G
03/17/10 1810	h86774.d	16	MB 460-31616/1-A	17mar10		1000	2	1	1.0	all		G
03/17/10 1836	h86775.d	17	460-10981-D-32-A	460-31616		1000	2	1	1.0	all		RR 5x
03/17/10 1901	h86776.d	18	460-10981-D-33-A	460-31616		1000	2	1	1.0	all		G
03/17/10 1926	h86777.d	19	460-10981-D-34-A	460-31616		1000	2	1	1.0	all		G
03/17/10 1951	h86778.d	20	460-10981-D-35-A	460-31616		950	2	1	1.0	all		G
03/17/10 2017	h86779.d	21	460-10981-D-36-A	460-31616		1000	2	1	1.0	all		G
03/17/10 2042	h86780.d	22	460-10981-D-37-A	460-31616		1000	2	1	1.0	all		G
03/17/10 2107	h86781.d	23	460-10981-D-38-A	460-31616		1000	2	1	1.0	all		G
03/17/10 2133	h86782.d	24	460-10981-D-39-A	460-31616		1000	2	1	1.0	all		G
03/17/10 2158	h86783.d	25	460-10981-D-40-A	460-31616		950	2	1	1.0	all		G

Signed: C. O Read and Understood by: [signature]

Date: 3/18/10 Date: 03.18.10

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS9.i

Analytical Batch: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b

Date Generated: 03/19/2010

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												32430
03/18/10 1222	h86808.d	1	DFTPP-284095			0	0	1	2.0	all	4426	G
03/18/10 1242	h86809.d	2	CCVIS-348061			1000	2	1	1.0	all	4427	G sim
03/18/10 1308	h86810.d	3	MB 460-32084/1-A	18mar10		1000	2	1	1.0	all		G
03/18/10 1334	h86811.d	4	460-11151-D-3-C	460-32084		1000	2	1	1.0	all		G
03/18/10 1359	h86812.d	5	460-10981-D-32-A	460-31616		1000	2	5	1.0	all		G
03/18/10 1425	h86813.d	6	460-11030-A-1-A	460-31834		1000	2	1	1.0	all		G
03/18/10 1451	h86814.d	7	MB 460-31280/1-A	18mar10		1000	2	1	1.0	all		G
03/18/10 1517	h86815.d	8	460-10889-E-1-A	460-31280		980	2	1	1.0	all		G
03/18/10 1542	h86816.d	9	460-10889-F-2-A	460-31280		980	2	1	1.0	all		G
03/18/10 1608	h86817.d	10	460-10889-F-3-B	460-31280		980	2	1	1.0	all		G
03/18/10 1633	h86818.d	11	460-10889-F-4-A	460-31280		980	2	1	1.0	all		G
03/18/10 1658	h86819.d	12	460-10889-F-5-A	460-31280		980	2	1	1.0	all		G
03/18/10 1724	h86820.d	13	460-10889-F-6-A	460-31280		950	2	1	1.0	all		G
03/18/10 1749	h86821.d	14	460-10889-F-7-A	460-31280		960	2	1	1.0	all		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS9.i

Analytical Batch: /chem/BNAMS9.i/SIMT/03-17-10/18mar10.b

Date Generated: 03/19/2010

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
03/18/10 1815	h86822.d	15	460-10889-E-8-A	460-31280		980	2	1	1.0	all		IS L RR
03/18/10 1840	h86823.d	16	460-10889-F-9-A	460-31280		950	2	1	1.0	all		G
03/18/10 1905	h86824.d	17	460-10889-E-10-A	460-31280		950	2	1	1.0	all		G
03/18/10 1931	h86825.d	18	460-10889-F-11-A	460-31280		980	2	1	1.0	all		G
03/18/10 1957	h86826.d	19	460-10889-E-12-A	460-31280		980	2	1	1.0	all		G
03/18/10 2022	h86827.d	20	460-10889-F-13-A	460-31280		980	2	1	1.0	all		G
03/18/10 2048	h86828.d	21	460-10889-F-13-A	460-31280		980	2	2	1.0	all		MM
03/18/10 2113	h86829.d	22	460-10889-F-14-A	460-31280		980	2	1	1.0	all		G
03/18/10 2139	h86830.d	23	460-10889-F-15-A	460-31280		980	2	1	1.0	all		G
03/18/10 2204	h86831.d	24	MB 460-31376/1-A	18mar10		1000	2	1	1.0	all		MB RR
03/18/10 2230	h86832.d	25	460-10889-E-16-A	460-31376		1000	2	1	1.0	all		G
03/18/10 2256	h86833.d	26	460-10889-F-17-A	460-31376		1000	2	1	1.0	all		G

Signed: _____ Read and Understood by: _____

Date: 3/19/10 Date: 03.22.10

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS9.i

Analytical Batch: /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b

Date Generated: 03/22/2010

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												32627
03/19/10 1143	h86857.d	1	DFTPP-284095			0	0	1	2.0	all	4926	G
03/19/10 1217	h86858.d	2	CCVIS-348061			1000	2	1	1.0	all	4932	G Sim.
03/19/10 1252	h86859.d	3	460-10889-F-18-A	460-31376		1000	2	1	1.0	all		G
03/19/10 1318	h86860.d	4	460-10889-F-19-A	460-31376		1000	2	1	1.0	all		G
03/19/10 1343	h86861.d	5	460-10889-F-20-A	460-31376		1000	2	1	1.0	all		G
03/19/10 1409	h86862.d	6	460-10889-F-21-A	460-31376		1000	2	1	1.0	all		RR 2x
03/19/10 1434	h86863.d	7	460-10889-E-8-A	460-31280		980	2	1	1.0	all		G
03/19/10 1500	h86864.d	8	MB 460-31376/1-A	19mar10		1000	2	1	1.0	all		G
03/19/10 1526	h86865.d	9	MB 460-32083/1-A	19mar10		1000	2	1	1.0	all		G
03/19/10 1551	h86866.d	10	460-11129-E-1-A	460-32083		1000	2	1	1.0	all		G
03/19/10 1617	h86867.d	11	MB 460-31960/1-A	19mar10		1000	2	1	1.0	all		G
03/19/10 1642	h86868.d	12	460-11128-A-1-A	460-31960		1000	2	1	1.0	all		G
03/19/10 1708	h86869.d	13	460-11128-A-2-A	460-31960		1000	2	1	1.0	all		G
03/19/10 1733	h86870.d	14	460-11128-A-3-A	460-31960		1000	2	1	1.0	all		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS9.i

Analytical Batch: /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b

Date Generated: 03/22/2010

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
03/19/10 1759	h86871.d	15	460-11128-A-4-A	460-31960		1000	2	1	1.0	all		S
03/19/10 1824	h86872.d	16	460-11128-A-5-A	460-31960		1000	2	1	1.0	all		S
03/19/10 1849	h86873.d	17	460-11128-A-6-A	460-31960		1000	2	1	1.0	all		S
03/19/10 1915	h86874.d	18	460-11128-A-7-A	460-31960		1000	2	1	1.0	all		S
03/19/10 1940	h86875.d	19	460-11128-A-8-A	460-31960		1000	2	1	1.0	all		S
03/19/10 2005	h86876.d	20	460-11128-A-9-A	460-31960		1000	2	1	1.0	all		S
03/19/10 2031	h86877.d	21	460-11128-A-10-A	460-31960		1000	2	1	1.0	all		S
03/19/10 2056	h86878.d	22	460-11128-A-11-A	460-31960		1000	2	1	1.0	all		S
03/19/10 2122	h86879.d	23	460-11128-A-13-A	460-31960		1000	2	1	1.0	all		S
03/19/10 2147	h86880.d	24	460-11128-A-14-A	460-31960		1000	2	1	1.0	all		S
03/19/10 2213	h86881.d	25	MB 460-32085/1-A	19mar10		1000	2	1	1.0	all		S
03/19/10 2238	h86882.d	26	460-11132-A-3-A	460-32085		1000	2	1	1.0	all		S
03/19/10 2303	h86883.d	27	460-11132-A-4-A	460-32085		1000	2	1	1.0	all		S
03/19/10 2328	h86884.d	28	460-11163-A-1-A	460-32085		1000	2	1	1.0	all		S

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS9.i

Analytical Batch: /chem/BNAMS9.i/SIMT/03-17-10/19mar10.b

Date Generated: 03/22/2010

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
03/19/10 2354	h86885.d	29	460-11163-A-2-A	460-32085		1000	2	1	1.0	all		Out of time.

Signed: C-D Read and Understood by:

Date: 3/22/10 Date: 3-22-10

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS9.i

Analytical Batch: /chem/BNAMS9.i/SIMT/03-17-10/22mar10.b

Date Generated: 03/23/2010

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Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												32791
03/22/10 1639	h86918.d	1	DFTPP-284095			0	0	1	2.0	all	40726	C
03/22/10 1704	h86919.d	2	CCVIS-348061			1000	2	1	1.0	all	44772	S sim
03/22/10 1730	h86920.d	3	460-11132-A-4-A	460-32085		1000	2	1	1.0	all		CF H86883
03/22/10 1756	h86921.d	4	MB 460-32241/1-A	22mar10		1000	2	1	1.0	all		S
03/22/10 1821	h86922.d	5	460-11243-E-1-A	460-32241		900	2	1	1.0	all		S
03/22/10 1846	h86923.d	6	460-11243-D-2-A	460-32241		960	2	1	1.0	all		S
03/22/10 1911	h86924.d	7	460-11243-E-4-A	460-32241		900	2	1	1.0	all		S
03/22/10 1936	h86925.d	8	460-10889-F-21-A	460-31376		1000	2	2	1.0	all		S
03/22/10 2002	h86926.d	9	460-11163-A-2-A	460-32085		1000	2	1	1.0	all		S
03/22/10 2027	h86927.d	10	MB 460-32115/1-A	22mar10		1000	2	1	1.0	all		S
03/22/10 2053	h86928.d	11	460-11196-E-1-A	32115		860	2	1	1.0	all		S
03/22/10 2118	h86929.d	12	460-11196-D-2-A	460-32115		980	2	1	1.0	all		S
03/22/10 2143	h86930.d	13	460-11196-E-3-A	460-32115		980	2	1	1.0	all		S
03/22/10 2208	h86931.d	14	460-11196-E-4-A	460-32115		970	2	1	1.0	all		S

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS9.i

Analytical Batch: /chem/BNAMS9.i/SIMT/03-17-10/22mar10.b

Date Generated: 03/23/2010

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
03/22/10 2234	h86932.d	15	460-11196-D-5-A	460-32115		890	2	1	1.0	all		S
03/22/10 2300	h86933.d	16	460-11196-E-6-A	460-32115		980	2	1	1.0	all		S
03/22/10 2325	h86934.d	17	460-11196-E-7-A	460-32115		960	2	1	1.0	all		S
03/22/10 2351	h86935.d	18	460-11196-C-8-A	460-32115		980	2	1	1.0	all		S
03/23/10 0016	h86936.d	19	460-11199-K-1-A	460-32115		860	2	1	1.0	all		S
03/23/10 0042	h86937.d	20	460-11199-E-5-A	460-32115		880	2	1	1.0	all		S
03/23/10 0108	h86938.d	21	460-11199-C-6-A	460-32115		980	2	1	1.0	all		S
03/23/10 0133	h86939.d	22	460-11209-E-1-A	460-32115		860	2	1	1.0	all		S
03/23/10 0158	h86940.d	23	460-11209-E-2-A	460-32115		980	2	1	1.0	all		S
03/23/10 0223	h86941.d	24	460-11209-E-3-A	460-32115		980	2	1	1.0	all		JSL RR
03/23/10 0249	h86942.d	25	460-11209-E-4-A	460-32115		980	2	1	1.0	all		S
03/23/10 0315	h86943.d	26	460-11209-D-5-A	460-32115		900	2	1	1.0	all		S
03/23/10 0340	h86944.d	27	460-11209-D-6-A	460-32115		910	2	1	1.0	all		S

Signed: _____ Read and Understood by: _____

Date: 3/23/10 Date: 3-23-10

Organic Prep Worksheet

Batch Number: 460-31280
Method: 3510C
Analyst: Chen, Mandi

Date Open: Mar 05 2010 7:35AM
Batch End: Mar 05 2010 3:00PM

Lab ID	Client ID	Method Chain	Basis	pH of the sample at receipt	Initial weight/volume of sample	Final weight/volume of sample	pH of the sample after first adjustment	pH of the sample after the second adjust	OP625/82SP_00014
MB~460-31280/1		3510C, 8270C		7	1000 mL	2 mL	<2	>12	
LCS~460-31280/2		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1 mL
460-10889-F-3~MS	GW-017338-030110-ACH-003	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	1 mL
460-10889-E-3~MSD	GW-017338-030110-ACH-003	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	1 mL
460-10889-E-1	GW-017338-030110-ACH-001	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	
460-10889-F-2	GW-017338-030110-ACH-002	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	
460-10889-F-3	GW-017338-030110-ACH-003	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	
460-10889-F-4	GW-017338-030110-ACH-004	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	
460-10889-F-5	GW-017338-030210-RAM-005	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	
460-10889-F-6	EB-017338-030210-ACH-006	3510C, 8270C	T	7	950 mL	2 mL	<2	>12	
460-10889-F-7	GW-017338-030210-RAM-007	3510C, 8270C	T	7	960 mL	2 mL	<2	>12	
460-10889-E-8	GW-017338-030210-ACH-008	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	
460-10889-F-9	GW-017338-030210-RAM-009	3510C, 8270C	T	7	950 mL	2 mL	<2	>12	
460-10889-E-10	GW-017338-030210-ACH-010	3510C, 8270C	T	7	950 mL	2 mL	<2	>12	
460-10889-F-11	GW-017338-030210-RAM-011	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	
460-10889-E-12	GW-017338-030210-ACH-012	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	
460-10889-F-13	GW-017338-030210-ACH-013	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	
460-10889-F-14	GW-017338-030310-ACH-014	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	
460-10889-F-15	GW-017338-030310-RAM-015	3510C, 8270C	T	7	980 mL	2 mL	<2	>12	

Organic Prep Worksheet

Batch Number: 460-31280
Method: 3510C
Analyst: Chen, Mandi

Date Open: Mar 05 2010 7:35AM
Batch End: Mar 05 2010 3:00PM

Lab ID	Client ID	Method Chain	Basis	OP625/82SU_00009
MB~460-31280/1		3510C, 8270C		1 mL
LCS~460-31280/2		3510C, 8270C		1 mL
460-10889-F-3~MS	GW-017338-030110-ACH-003	3510C, 8270C	T	1 mL
460-10889-E-3~MSD	GW-017338-030110-ACH-003	3510C, 8270C	T	1 mL
460-10889-E-1	GW-017338-030110-ACH-001	3510C, 8270C	T	1 mL
460-10889-F-2	GW-017338-030110-ACH-002	3510C, 8270C	T	1 mL
460-10889-F-3	GW-017338-030110-ACH-003	3510C, 8270C	T	1 mL
460-10889-F-4	GW-017338-030110-ACH-004	3510C, 8270C	T	1 mL
460-10889-F-5	GW-017338-030210-RAM-005	3510C, 8270C	T	1 mL
460-10889-F-6	EB-017338-030210-ACH-006	3510C, 8270C	T	1 mL
460-10889-F-7	GW-017338-030210-RAM-007	3510C, 8270C	T	1 mL
460-10889-E-8	GW-017338-030210-ACH-008	3510C, 8270C	T	1 mL
460-10889-F-9	GW-017338-030210-RAM-009	3510C, 8270C	T	1 mL
460-10889-E-10	GW-017338-030210-ACH-010	3510C, 8270C	T	1 mL
460-10889-F-11	GW-017338-030210-RAM-011	3510C, 8270C	T	1 mL
460-10889-E-12	GW-017338-030210-ACH-012	3510C, 8270C	T	1 mL
460-10889-F-13	GW-017338-030210-ACH-013	3510C, 8270C	T	1 mL
460-10889-F-14	GW-017338-030310-ACH-014	3510C, 8270C	T	1 mL
460-10889-F-15	GW-017338-030310-RAM-015	3510C, 8270C	T	1 mL

Person's name who did the prep:	MC	Base used for pH adjust Lot #:	OP075
Prep Solvent Name:	MeCl2	Person's name who did the concentration:	MC
Prep Solvent Lot #:	J04E23	Concentration Start Time:	10:00AM
Prep Solvent Volume Used:	180 mL	Concentration End Time:	12:00PM
Person's name who witnessed reagent drop:	JCR	Na2SO4 Lot Number:	H39602
Acid used for pH adjustment:	H2SO4	Oven, Bath or Block Temperature 1:	90
Acid used for pH adjust Lot #:	G35029		
Base used for pH adjustment:	NaOH		

Organic Prep Worksheet

Batch Number: 460-31376
Method: 3510C
Analyst: Borreo, Jeffrey

Date Open: Mar 05 2010 8:00PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	pH of the sample at receipt	Initial weight/volume of sample	Final weight/volume of sample	pH of the sample after first adjustment	pH of the sample after the second adjust	OP625/82SP_00014
MB~460-31376/1		3510C, 8270C		7	1000 mL	2 mL	<2	>12	
LCS~460-31376/2		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1 mL
LCSD~460-31376/3		3510C, 8270C		7	1000 mL	2 mL	<2	>12	1 mL
460-10889-E-16	GW-017338-030310-ACH-016	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	
460-10889-F-17	GW-017338-030310-RAM-017	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	
460-10889-F-18	GW-017338-030310-ACH-018	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	
460-10889-F-19	GW-017338-030310-RAM-019	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	
460-10889-F-20	GW-017338-030310-ACH-020	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	
460-10889-F-21	GW-017338-030310-RAM-021	3510C, 8270C	T	7	1000 mL	2 mL	<2	>12	

Organic Prep Worksheet

Batch Number: 460-31376
Method: 3510C
Analyst: Borreo, Jeffrey

Date Open: Mar 05 2010 8:00PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	OP625/82SU_00009
MB~460-31376/1		3510C, 8270C		1 mL
LCS~460-31376/2		3510C, 8270C		1 mL
LCSD~460-31376/3		3510C, 8270C		1 mL
460-10889-E-16	GW-017338-030310-ACH-016	3510C, 8270C	T	1 mL
460-10889-F-17	GW-017338-030310-RAM-017	3510C, 8270C	T	1 mL
460-10889-F-18	GW-017338-030310-ACH-018	3510C, 8270C	T	1 mL
460-10889-F-19	GW-017338-030310-RAM-019	3510C, 8270C	T	1 mL
460-10889-F-20	GW-017338-030310-ACH-020	3510C, 8270C	T	1 mL
460-10889-F-21	GW-017338-030310-RAM-021	3510C, 8270C	T	1 mL

Person's name who did the prep:	jb
Prep Solvent Name:	MeCl2
Prep Solvent Lot #:	j04e23
Prep Solvent Volume Used:	3x60ml mL
Person's name who witnessed reagent drop:	rl
Acid used for pH adjustment:	sulfuric
Acid used for pH adjust Lot #:	g35029
Base used for pH adjustment:	NaOH
Base used for pH adjust Lot #:	OP075
Person's name who did the concentration:	jb
Na2SO4 Lot Number:	h39602

Organic Prep Worksheet

Batch Number: 460-31376
Method: 3510C
Analyst: Borreo, Jeffrey

Date Open: Mar 05 2010 8:00PM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~460-31376/1		3510C, 8270C		
LCS~460-31376/2		3510C, 8270C		
LCSD~460-31376/3		3510C, 8270C		
460-10889-E-16	GW-017338-030310-ACH-016	3510C, 8270C	T	
460-10889-F-17	GW-017338-030310-RAM-017	3510C, 8270C	T	
460-10889-F-18	GW-017338-030310-ACH-018	3510C, 8270C	T	
460-10889-F-19	GW-017338-030310-RAM-019	3510C, 8270C	T	
460-10889-F-20	GW-017338-030310-ACH-020	3510C, 8270C	T	
460-10889-F-21	GW-017338-030310-RAM-021	3510C, 8270C	T	

Batch Comment: bna water

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-10889-1

SDG No.:

Project: GM Wilmington

Client Sample ID	Lab Sample ID
GW-017338-030110-ACH-001	460-10889-1
GW-017338-030110-ACH-002	460-10889-2
GW-017338-030110-ACH-003	460-10889-3
GW-017338-030110-ACH-004	460-10889-4
GW-017338-030210-RAM-005	460-10889-5
EB-017338-030210-ACH-006	460-10889-6
GW-017338-030210-RAM-007	460-10889-7
GW-017338-030210-ACH-008	460-10889-8
GW-017338-030210-RAM-009	460-10889-9
GW-017338-030210-ACH-010	460-10889-10
GW-017338-030210-RAM-011	460-10889-11
GW-017338-030210-ACH-012	460-10889-12
GW-017338-030210-ACH-013	460-10889-13
GW-017338-030310-ACH-014	460-10889-14
GW-017338-030310-RAM-015	460-10889-15
GW-017338-030310-ACH-016	460-10889-16
GW-017338-030310-RAM-017	460-10889-17
GW-017338-030310-ACH-018	460-10889-18
GW-017338-030310-RAM-019	460-10889-19
GW-017338-030310-ACH-020	460-10889-20
GW-017338-030310-RAM-021	460-10889-21

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-030110-ACH-001 Lab Sample ID: 460-10889-1

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG ID.:

Matrix: GW Date Sampled: 03/01/2010 12:10

Reporting Basis: WET Date Received: 03/03/2010 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	6940	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	297	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	54700	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	11.3	10.0	3.2	ug/L			1	6010B
7440-48-4	Cobalt	5.9	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	19.8	25.0	3.6	ug/L	J		1	6010B
7439-89-6	Iron	25100	150	40.2	ug/L			1	6010B
7439-92-1	Lead	8.1	5.0	2.8	ug/L			1	6010B
7439-95-4	Magnesium	27400	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	435	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	7.1	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	8520	5000	209	ug/L			1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	1.9	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	148000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	11.8	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	23.2	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.40	0.20	0.18	ug/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-030110-ACH-002 Lab Sample ID: 460-10889-2

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG ID.:

Matrix: GW Date Sampled: 03/01/2010 13:15

Reporting Basis: WET Date Received: 03/03/2010 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	1480	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	292	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	29100	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	25.5	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	6370	150	40.2	ug/L			1	6010B
7439-92-1	Lead	2.8	5.0	2.8	ug/L	J		1	6010B
7439-95-4	Magnesium	19100	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	368	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	3820	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	1.1	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	81200	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	2.8	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	9.6	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-030110-ACH-003 Lab Sample ID: 460-10889-3

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG ID.:

Matrix: GW Date Sampled: 03/01/2010 14:00

Reporting Basis: WET Date Received: 03/03/2010 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	1050	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	427	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	49400	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	18.1	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	62000	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	30600	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	1690	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	3230	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	1.6	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	86700	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	50.0	50.0	2.0	ug/L	U		1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-030110-ACH-004 Lab Sample ID: 460-10889-4

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG ID.:

Matrix: GW Date Sampled: 03/01/2010 15:45

Reporting Basis: WET Date Received: 03/03/2010 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	1010	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	251	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	43400	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	6530	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	13700	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	487	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	4510	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	108000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	2.4	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	6.2	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-030210-RAM-005 Lab Sample ID: 460-10889-5

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG ID.:

Matrix: GW Date Sampled: 03/02/2010 12:10

Reporting Basis: WET Date Received: 03/03/2010 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	2240	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	89.3	200	3.2	ug/L	J		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	18900	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	3.4	10.0	3.2	ug/L	J		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	2700	150	40.2	ug/L			1	6010B
7439-92-1	Lead	3.5	5.0	2.8	ug/L	J		1	6010B
7439-95-4	Magnesium	4900	5000	56.9	ug/L	J		1	6010B
7439-96-5	Manganese	14.4	15.0	2.5	ug/L	J		1	6010B
7440-02-0	Nickel	4.1	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	2930	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	112000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	4.7	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	46.3	30.0	5.8	ug/L			1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EB-017338-030210-ACH-006 Lab Sample ID: 460-10889-6

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG ID.:

Matrix: GW Date Sampled: 03/02/2010 12:30

Reporting Basis: WET Date Received: 03/03/2010 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	200	200	87.0	ug/L	U		1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	4.3	200	3.2	ug/L	J		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	523	5000	72.2	ug/L	J		1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	150	150	40.2	ug/L	U		1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	330	5000	56.9	ug/L	J		1	6010B
7439-96-5	Manganese	15.0	15.0	2.5	ug/L	U		1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	5000	5000	209	ug/L	U		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	637	5000	341	ug/L	J		1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	50.0	50.0	2.0	ug/L	U		1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-030210-RAM-007 Lab Sample ID: 460-10889-7

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG ID.:

Matrix: GW Date Sampled: 03/02/2010 13:10

Reporting Basis: WET Date Received: 03/03/2010 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	1120	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	85.1	200	3.2	ug/L	J		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	10800	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	3.6	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	850	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	7010	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	169	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	7.8	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	774	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	14900	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	2.3	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	28.7	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-030210-ACH-008 Lab Sample ID: 460-10889-8

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG ID.:

Matrix: GW Date Sampled: 03/02/2010 13:15

Reporting Basis: WET Date Received: 03/03/2010 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	3230	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	456	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	55600	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	4.3	10.0	3.2	ug/L	J		1	6010B
7440-48-4	Cobalt	3.2	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	26.2	25.0	3.6	ug/L			1	6010B
7439-89-6	Iron	31300	150	40.2	ug/L			1	6010B
7439-92-1	Lead	7.0	5.0	2.8	ug/L			1	6010B
7439-95-4	Magnesium	32500	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	528	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	6610	5000	209	ug/L			1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	5.7	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	96700	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	5.9	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	21.5	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-030210-RAM-009 Lab Sample ID: 460-10889-9

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG ID.:

Matrix: GW Date Sampled: 03/02/2010 14:40

Reporting Basis: WET Date Received: 03/03/2010 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	859	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	464	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	38500	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	3.8	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	26000	150	40.2	ug/L			1	6010B
7439-92-1	Lead	3.7	5.0	2.8	ug/L	J		1	6010B
7439-95-4	Magnesium	32000	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	1570	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	4310	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	1.8	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	86400	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	2.5	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-030210-ACH-010 Lab Sample ID: 460-10889-10

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG ID.:

Matrix: GW Date Sampled: 03/02/2010 13:20

Reporting Basis: WET Date Received: 03/03/2010 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	2460	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	443	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	55100	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	3.6	10.0	3.2	ug/L	J		1	6010B
7440-48-4	Cobalt	2.8	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	21.9	25.0	3.6	ug/L	J		1	6010B
7439-89-6	Iron	29400	150	40.2	ug/L			1	6010B
7439-92-1	Lead	6.4	5.0	2.8	ug/L			1	6010B
7439-95-4	Magnesium	31800	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	516	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	6500	5000	209	ug/L			1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	5.3	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	95100	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	4.7	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	17.2	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-030210-RAM-011 Lab Sample ID: 460-10889-11

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG ID.:

Matrix: GW Date Sampled: 03/02/2010 15:45

Reporting Basis: WET Date Received: 03/03/2010 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	17300	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	286	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	40800	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	18.5	10.0	3.2	ug/L			1	6010B
7440-48-4	Cobalt	9.3	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	25.8	25.0	3.6	ug/L			1	6010B
7439-89-6	Iron	23500	150	40.2	ug/L			1	6010B
7439-92-1	Lead	15.3	5.0	2.8	ug/L			1	6010B
7439-95-4	Magnesium	21200	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	78.7	15.0	2.5	ug/L		B	1	6010B
7440-02-0	Nickel	22.9	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	8180	5000	209	ug/L			1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	5.1	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	143000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	30.1	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	30.6	30.0	5.8	ug/L			1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-030210-ACH-012 Lab Sample ID: 460-10889-12

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG ID.:

Matrix: GW Date Sampled: 03/02/2010 14:35

Reporting Basis: WET Date Received: 03/03/2010 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	1290	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	13.2	5.0	3.8	ug/L			1	6010B
7440-39-3	Barium	615	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	67200	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	3.1	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	28400	150	40.2	ug/L			1	6010B
7439-92-1	Lead	3.1	5.0	2.8	ug/L	J		1	6010B
7439-95-4	Magnesium	25000	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	933	15.0	2.5	ug/L		B	1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	14700	5000	209	ug/L			1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	3.4	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	204000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	2.4	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	11.4	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-030210-ACH-013 Lab Sample ID: 460-10889-13

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG ID.:

Matrix: GW Date Sampled: 03/02/2010 15:45

Reporting Basis: WET Date Received: 03/03/2010 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	1560	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	484	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	96100	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	11400	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	16300	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	628	15.0	2.5	ug/L		B	1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	23800	5000	209	ug/L			1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	1.9	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	219000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	2.7	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	7.8	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-030310-ACH-014 Lab Sample ID: 460-10889-14

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG ID.:

Matrix: GW Date Sampled: 03/03/2010 09:55

Reporting Basis: WET Date Received: 03/03/2010 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	1000	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	57.7	200	3.2	ug/L	J		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	15400	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	20.6	25.0	3.6	ug/L	J		1	6010B
7439-89-6	Iron	1460	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	13000	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	329	15.0	2.5	ug/L		B	1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	1640	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	58700	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	8.0	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	6.2	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-030310-RAM-015 Lab Sample ID: 460-10889-15

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG ID.:

Matrix: GW Date Sampled: 03/03/2010 11:00

Reporting Basis: WET Date Received: 03/03/2010 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	1560	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	159	200	3.2	ug/L	J		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	35600	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	3560	150	40.2	ug/L			1	6010B
7439-92-1	Lead	4.3	5.0	2.8	ug/L	J		1	6010B
7439-95-4	Magnesium	18600	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	18.3	15.0	2.5	ug/L		B	1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	4440	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	1.1	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	33200	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	3.0	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	9.3	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-030310-ACH-016 Lab Sample ID: 460-10889-16

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG ID.:

Matrix: GW Date Sampled: 03/03/2010 11:00

Reporting Basis: WET Date Received: 03/03/2010 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	1340	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	13.9	5.0	3.8	ug/L			1	6010B
7440-39-3	Barium	463	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	36900	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	13.1	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	84800	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	31000	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	2410	15.0	2.5	ug/L		B	1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	4200	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	2.9	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	72000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	3.7	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-030310-RAM-017 Lab Sample ID: 460-10889-17

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG ID.:

Matrix: GW Date Sampled: 03/03/2010 11:30

Reporting Basis: WET Date Received: 03/03/2010 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	1030	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	4.6	5.0	3.8	ug/L	J		1	6010B
7440-39-3	Barium	140	200	3.2	ug/L	J		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	28700	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	15.9	25.0	3.6	ug/L	J		1	6010B
7439-89-6	Iron	43000	150	40.2	ug/L			1	6010B
7439-92-1	Lead	11.3	5.0	2.8	ug/L			1	6010B
7439-95-4	Magnesium	30000	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	352	15.0	2.5	ug/L		B	1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	2030	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	0.99	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	35200	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	3.3	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	11.2	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-030310-ACH-018 Lab Sample ID: 460-10889-18

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG ID.:

Matrix: GW Date Sampled: 03/03/2010 12:00

Reporting Basis: WET Date Received: 03/03/2010 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	200	200	87.0	ug/L	U		1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	12.0	5.0	3.8	ug/L			1	6010B
7440-39-3	Barium	456	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	48000	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	40.6	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	55600	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	39400	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	870	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	3.7	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	4520	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	1.6	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	139000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	50.0	50.0	2.0	ug/L	U		1	6010B
7440-66-6	Zinc	70.1	30.0	5.8	ug/L			1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-030310-RAM-019 Lab Sample ID: 460-10889-19

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG ID.:

Matrix: GW Date Sampled: 03/03/2010 12:55

Reporting Basis: WET Date Received: 03/03/2010 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	130	200	87.0	ug/L	J		1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	722	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	92200	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	4.4	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	264000	450	120	ug/L			3	6010B
7439-92-1	Lead	4.9	5.0	2.8	ug/L	J		1	6010B
7439-95-4	Magnesium	99700	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	23600	45.0	7.5	ug/L			3	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	5050	5000	209	ug/L			1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	9.6	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	160000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	50.0	50.0	2.0	ug/L	U		1	6010B
7440-66-6	Zinc	20.1	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-030310-ACH-020 Lab Sample ID: 460-10889-20

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG ID.:

Matrix: GW Date Sampled: 03/03/2010 13:40

Reporting Basis: WET Date Received: 03/03/2010 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	459	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	34.7	5.0	3.8	ug/L			1	6010B
7440-39-3	Barium	422	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	73600	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	112	50.0	2.8	ug/L			1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	97700	150	40.2	ug/L			1	6010B
7439-92-1	Lead	3.5	5.0	2.8	ug/L	J		1	6010B
7439-95-4	Magnesium	61600	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	869	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	4220	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	3.1	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	108000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	2.7	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	6.1	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-030310-RAM-021 Lab Sample ID: 460-10889-21

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG ID.:

Matrix: GW Date Sampled: 03/03/2010 14:00

Reporting Basis: WET Date Received: 03/03/2010 19:00

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	8740	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	24.3	5.0	3.8	ug/L			1	6010B
7440-39-3	Barium	200	200	3.2	ug/L	J		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	27300	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	11.8	10.0	3.2	ug/L			1	6010B
7440-48-4	Cobalt	6.1	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	17.9	25.0	3.6	ug/L	J		1	6010B
7439-89-6	Iron	54500	150	40.2	ug/L			1	6010B
7439-92-1	Lead	9.3	5.0	2.8	ug/L			1	6010B
7439-95-4	Magnesium	18700	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	561	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	6.5	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	4340	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	1.6	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	80000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	17.1	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	19.7	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

ICV Source: ME_CCV_DUO_00009 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00009

Analyte	ICV 460-31370/6 03/05/2010 09:56				CCV 460-31370/54 03/05/2010 15:17				CCV 460-31370/66 03/05/2010 16:38			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	1230		1250	98	1160		1250	93	1180		1250	94
Al	123400		125000	99	119200		125000	95	120300		125000	96
As	2470		2500	99	2400		2500	96	2400		2500	96
Ba	10080		10000	101	9890		10000	99	9920		10000	99
Be	999		1000	100	960		1000	96	974		1000	97
Ca	126200		125000	101	121500		125000	97	121600		125000	97
Cd	1240		1250	99	1220		1250	97	1220		1250	98
Co	2500		2500	100	2510		2500	100	2480		2500	99
Cr	5030		5000	101	4990		5000	100	5020		5000	100
Cu	12380		12500	99	11990		12500	96	12100		12500	97
Fe	98960		100000	99	97270		100000	97	97500		100000	98
K	49280		50000	99	48470		50000	97	48200		50000	96
Mg	122800		125000	98	121600		125000	97	123000		125000	98
Mn	5090		5000	102	4870		5000	97	4960		5000	99
Na	124200		125000	99	120700		125000	97	121200		125000	97
Ni	2490		2500	100	2490		2500	100	2470		2500	99
Pb	7460		7500	99	7330		7500	98	7350		7500	98
Sb	989		1000	99	952		1000	95	954		1000	95
Se	2480		2500	99	2400		2500	96	2400		2500	96
Tl	2520		2500	101	2460		2500	98	2460		2500	99
V	2490		2500	99	2380		2500	95	2410		2500	97
Zn	2490		2500	100	2490		2500	99	2480		2500	99

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

ICV Source: ME_CCV_DUO_00009 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00009

Analyte	ICV 460-31415/6 03/05/2010 18:30				CCV 460-31415/66 03/06/2010 01:14				CCV 460-31415/78 03/06/2010 02:34			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	1220		1250	97	1270		1250	101	1260		1250	101
Al	122300		125000	98	126100		125000	101	126200		125000	101
As	2470		2500	99	2490		2500	100	2460		2500	98
Ba	10030		10000	100	10170		10000	102	10090		10000	101
Be	1000		1000	100	1040		1000	104	1020		1000	102
Ca	122300		125000	98	124700		125000	100	127300		125000	102
Cd	1230		1250	99	1250		1250	100	1240		1250	99
Co	2480		2500	99	2440		2500	98	2440		2500	98
Cr	5020		5000	100	5070		5000	101	5030		5000	101
Cu	12380		12500	99	12800		12500	102	12630		12500	101
Fe	99000		100000	99	98070		100000	98	98280		100000	98
K	48550		50000	97	48660		50000	97	49890		50000	100
Mg	123900		125000	99	125000		125000	100	122600		125000	98
Mn	5020		5000	100	5150		5000	103	5200		5000	104
Na	123200		125000	99	126100		125000	101	127500		125000	102
Ni	2480		2500	99	2460		2500	98	2450		2500	98
Pb	7430		7500	99	7500		7500	100	7490		7500	100
Sb	988		1000	99	1010		1000	101	1000		1000	100
Se	2470		2500	99	2490		2500	100	2470		2500	99
Tl	2500		2500	100	2520		2500	101	2510		2500	100
V	2460		2500	98	2540		2500	102	2540		2500	101
Zn	2480		2500	99	2490		2500	100	2490		2500	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

ICV Source: ME_CCV_DUO_00009 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00009

Analyte	CCV 460-31415/84 03/06/2010 03:15											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	1240		1250	100								
Al	125400		125000	100								
As	2500		2500	100								
Ba	10220		10000	102								
Be	1030		1000	103								
Ca	124600		125000	100								
Cd	1260		1250	101								
Co	2460		2500	99								
Cr	5020		5000	100								
Cu	12690		12500	102								
Fe	98110		100000	98								
K	48920		50000	98								
Mg	124800		125000	100								
Mn	5120		5000	102								
Na	126000		125000	101								
Ni	2480		2500	99								
Pb	7560		7500	101								
Sb	1010		1000	101								
Se	2510		2500	100								
Tl	2530		2500	101								
V	2510		2500	100								
Zn	2510		2500	101								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

ICV Source: ME_CCV_DUO_00009 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00009

Analyte	ICV 460-31640/6 03/09/2010 16:16				CCV 460-31640/18 03/09/2010 17:37				CCV 460-31640/30 03/09/2010 18:57			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	1220		1250	98	1230		1250	99	1230		1250	99
Al	123600		125000	99	123500		125000	99	124300		125000	99
As	2500		2500	100	2520		2500	101	2480		2500	99
Ba	10230		10000	102	10310		10000	103	10140		10000	101
Be	996		1000	100	1010		1000	101	1010		1000	101
Ca	124100		125000	99	125800		125000	101	126500		125000	101
Cd	1250		1250	100	1260		1250	101	1240		1250	99
Co	2510		2500	100	2540		2500	102	2510		2500	101
Cr	4920		5000	98	5010		5000	100	5070		5000	101
Cu	12430		12500	99	12500		12500	100	12580		12500	101
Fe	100600		100000	101	100600		100000	101	98950		100000	99
K	49750		50000	100	48960		50000	98	49140		50000	98
Mg	122900		125000	98	123700		125000	99	122800		125000	98
Mn	5000		5000	100	5120		5000	102	5170		5000	103
Na	124900		125000	100	124200		125000	99	125000		125000	100
Ni	2540		2500	102	2550		2500	102	2500		2500	100
Pb	7580		7500	101	7620		7500	102	7480		7500	100
Sb	1010		1000	101	1020		1000	102	999		1000	100
Se	2520		2500	101	2530		2500	101	2480		2500	99
Tl	2560		2500	102	2570		2500	103	2520		2500	101
V	2470		2500	99	2480		2500	99	2490		2500	100
Zn	2540		2500	101	2540		2500	102	2500		2500	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

ICV Source: ME_CCV_DUO_00009 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00009

Analyte	CCV 460-31640/42 03/09/2010 20:17											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	1230		1250	98								
Al	121700		125000	97								
As	2460		2500	98								
Ba	10030		10000	100								
Be	989		1000	99								
Ca	123500		125000	99								
Cd	1230		1250	98								
Co	2500		2500	100								
Cr	5020		5000	100								
Cu	12270		12500	98								
Fe	97150		100000	97								
K	48220		50000	96								
Mg	119800		125000	96								
Mn	5070		5000	101								
Na	122500		125000	98								
Ni	2460		2500	99								
Pb	7400		7500	99								
Sb	988		1000	99								
Se	2460		2500	99								
Tl	2490		2500	100								
V	2470		2500	99								
Zn	2470		2500	99								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

ICV Source: ME_CCV_DUO_00009 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00009

Analyte	ICV 460-31742/6 03/10/2010 15:09				CCV 460-31742/18 03/10/2010 16:31				CCV 460-31742/30 03/10/2010 17:51			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	1230		1250	98	1240		1250	99	1210		1250	97
Al	123300		125000	99	123700		125000	99	122200		125000	98
As	2560		2500	102	2550		2500	102	2530		2500	101
Ba	10400		10000	104	10400		10000	104	10290		10000	103
Be	1010		1000	101	1010		1000	101	994		1000	99
Ca	124000		125000	99	124100		125000	99	122900		125000	98
Cd	1280		1250	102	1280		1250	102	1260		1250	101
Co	2570		2500	103	2580		2500	103	2560		2500	102
Cr	5070		5000	101	5100		5000	102	5020		5000	100
Cu	12470		12500	100	12510		12500	100	12330		12500	99
Fe	101100		100000	101	100900		100000	101	99700		100000	100
K	49150		50000	98	49170		50000	98	48840		50000	98
Mg	126900		125000	102	126500		125000	101	125000		125000	100
Mn	5110		5000	102	5090		5000	102	5060		5000	101
Na	124000		125000	99	123700		125000	99	122900		125000	98
Ni	2570		2500	103	2580		2500	103	2550		2500	102
Pb	7660		7500	102	7650		7500	102	7590		7500	101
Sb	1020		1000	102	1020		1000	102	1010		1000	101
Se	2550		2500	102	2550		2500	102	2520		2500	101
Tl	2580		2500	103	2570		2500	103	2550		2500	102
V	2490		2500	100	2490		2500	100	2450		2500	98
Zn	2570		2500	103	2560		2500	102	2540		2500	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

ICV Source: ME_DCAL-IN_00234 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00234

Analyte	ICV 460-31286/7-A 03/05/2010 10:04				CCV 460-31286/8-A 03/05/2010 10:29				CCV 460-31286/8-A 03/05/2010 10:50			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	5.11		5.00	102	5.05		5.00	101	5.21		5.00	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

ICV Source: ME_DCAL-IN_00234 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00234

Analyte	CCV 460-31286/8-A 03/05/2010 11:08				CCV 460-31286/8-A 03/05/2010 11:33				CCV 460-31286/8-A 03/05/2010 12:00			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	5.12		5.00	102	5.08		5.00	102	5.07		5.00	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

ICV Source: ME_DCAL-IN_00234 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00234

Analyte	CCV 460-31286/8-A 03/05/2010 12:12											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	5.07		5.00	101								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-31370/7 03/05/2010 10:03		CCB 460-31370/55 03/05/2010 15:24		CCB 460-31370/67 03/05/2010 16:45			
		Found	C	Found	C	Found	C	Found	C
Ag	10.0	10.0	U	10.0	U	10.0	U		
Al	200	200	U	200	U	200	U		
As	5.0	5.0	U	5.0	U	5.0	U		
Ba	200	200	U	3.42	J	4.18	J		
Be	2.0	2.0	U	2.0	U	2.0	U		
Ca	5000	5000	U	5000	U	5000	U		
Cd	5.0	5.0	U	5.0	U	5.0	U		
Co	50.0	50.0	U	50.0	U	50.0	U		
Cr	10.0	10.0	U	10.0	U	10.0	U		
Cu	25.0	25.0	U	25.0	U	5.11	J		
Fe	150	150	U	150	U	150	U		
K	5000	5000	U	5000	U	5000	U		
Mg	5000	5000	U	5000	U	5000	U		
Mn	15.0	15.0	U	15.0	U	15.0	U		
Na	5000	5000	U	5000	U	5000	U		
Ni	40.0	40.0	U	40.0	U	40.0	U		
Pb	5.0	5.0	U	2.86	J	3.28	J		
Sb	10.0	10.0	U	10.0	U	10.0	U		
Se	10.0	10.0	U	10.0	U	10.0	U		
Tl	10.0	10.0	U	10.0	U	10.0	U		
V	50.0	50.0	U	50.0	U	50.0	U		
Zn	30.0	30.0	U	30.0	U	30.0	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-31415/7 03/05/2010 18:38		CCB 460-31415/67 03/06/2010 01:21		CCB 460-31415/79 03/06/2010 02:41		CCB 460-31415/85 03/06/2010 03:22	
		Found	C	Found	C	Found	C	Found	C
Ag	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Al	200	200	U	200	U	200	U	200	U
As	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Ba	200	200	U	4.57	J	200	U	3.96	J
Be	2.0	2.0	U	2.0	U	2.0	U	2.0	U
Ca	5000	5000	U	5000	U	5000	U	5000	U
Cd	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Co	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Cr	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Cu	25.0	25.0	U	25.0	U	25.0	U	25.0	U
Fe	150	150	U	50.7	J	150	U	150	U
K	5000	5000	U	5000	U	5000	U	5000	U
Mg	5000	5000	U	62.0	J	5000	U	5000	U
Mn	15.0	15.0	U	2.61	J	15.0	U	15.0	U
Na	5000	5000	U	5000	U	5000	U	5000	U
Ni	40.0	40.0	U	40.0	U	40.0	U	40.0	U
Pb	5.0	5.0	U	4.10	J	5.0	U	3.87	J
Sb	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Se	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Tl	10.0	10.0	U	10.0	U	10.0	U	10.0	U
V	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Zn	30.0	30.0	U	30.0	U	30.0	U	30.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-31640/7 03/09/2010 16:23		CCB 460-31640/19 03/09/2010 17:44		CCB 460-31640/31 03/09/2010 19:04		CCB 460-31640/43 03/09/2010 20:24	
		Found	C	Found	C	Found	C	Found	C
Ag	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Al	200	200	U	200	U	200	U	200	U
As	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Ba	200	200	U	200	U	200	U	3.34	J
Be	2.0	2.0	U	2.0	U	2.0	U	2.0	U
Ca	5000	5000	U	5000	U	5000	U	5000	U
Cd	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Co	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Cr	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Cu	25.0	25.0	U	25.0	U	25.0	U	4.09	J
Fe	150	150	U	150	U	150	U	41.6	J
K	5000	5000	U	5000	U	5000	U	5000	U
Mg	5000	5000	U	5000	U	5000	U	61.4	J
Mn	15.0	15.0	U	15.0	U	15.0	U	15.0	U
Na	5000	5000	U	5000	U	5000	U	5000	U
Ni	40.0	40.0	U	40.0	U	40.0	U	40.0	U
Pb	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Sb	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Se	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Tl	10.0	10.0	U	10.0	U	10.0	U	10.0	U
V	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Zn	30.0	30.0	U	30.0	U	30.0	U	30.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-31742/7 03/10/2010 15:16		CCB 460-31742/19 03/10/2010 16:38		CCB 460-31742/31 03/10/2010 17:58			
		Found	C	Found	C	Found	C	Found	C
Ag	10.0	10.0	U	10.0	U	10.0	U		
Al	200	200	U	200	U	200	U		
As	5.0	5.0	U	5.0	U	5.0	U		
Ba	200	200	U	200	U	200	U		
Be	2.0	2.0	U	2.0	U	2.0	U		
Ca	5000	5000	U	5000	U	5000	U		
Cd	5.0	5.0	U	5.0	U	5.0	U		
Co	50.0	50.0	U	50.0	U	50.0	U		
Cr	10.0	10.0	U	10.0	U	10.0	U		
Cu	25.0	25.0	U	25.0	U	25.0	U		
Fe	150	150	U	150	U	150	U		
K	5000	5000	U	5000	U	5000	U		
Mg	5000	5000	U	5000	U	5000	U		
Mn	15.0	15.0	U	15.0	U	15.0	U		
Na	5000	5000	U	5000	U	5000	U		
Ni	40.0	40.0	U	40.0	U	40.0	U		
Pb	5.0	5.0	U	5.0	U	5.0	U		
Sb	10.0	10.0	U	10.0	U	10.0	U		
Se	10.0	10.0	U	10.0	U	10.0	U		
Tl	10.0	10.0	U	10.0	U	10.0	U		
V	50.0	50.0	U	50.0	U	50.0	U		
Zn	30.0	30.0	U	30.0	U	30.0	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-31343/8 03/05/2010 10:06		CCB 460-31286/9-A 03/05/2010 10:31		CCB 460-31286/9-A 03/05/2010 10:52		CCB 460-31286/9-A 03/05/2010 11:10	
		Found	C	Found	C	Found	C	Found	C
Hg	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-31286/9-A 03/05/2010 11:35		CCB 460-31286/9-A 03/05/2010 12:02		CCB 460-31286/9-A 03/05/2010 12:14			
		Found	C	Found	C	Found	C	Found	C
Hg	0.20	0.20	U	0.20	U	0.20	U		

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-31300/1-A

Instrument Code: ICP4 Batch No.: 31370

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	200	U		6010B
7440-36-0	Antimony	10.0	U		6010B
7440-38-2	Arsenic	5.0	U		6010B
7440-39-3	Barium	200	U		6010B
7440-41-7	Beryllium	2.0	U		6010B
7440-43-9	Cadmium	5.0	U		6010B
7440-70-2	Calcium	5000	U		6010B
7440-47-3	Chromium	10.0	U		6010B
7440-48-4	Cobalt	50.0	U		6010B
7440-50-8	Copper	25.0	U		6010B
7439-89-6	Iron	150	U		6010B
7439-92-1	Lead	5.0	U		6010B
7439-95-4	Magnesium	5000	U		6010B
7439-96-5	Manganese	15.0	U		6010B
7440-02-0	Nickel	40.0	U		6010B
7440-09-7	Potassium	5000	U		6010B
7782-49-2	Selenium	10.0	U		6010B
7440-22-4	Silver	10.0	U		6010B
7440-23-5	Sodium	5000	U		6010B
7440-28-0	Thallium	10.0	U		6010B
7440-62-2	Vanadium	50.0	U		6010B
7440-66-6	Zinc	30.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-31540/1-A

Instrument Code: ICP4 Batch No.: 31640

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	200	U		6010B
7440-36-0	Antimony	10.0	U		6010B
7440-38-2	Arsenic	5.0	U		6010B
7440-39-3	Barium	200	U		6010B
7440-41-7	Beryllium	2.0	U		6010B
7440-43-9	Cadmium	5.0	U		6010B
7440-70-2	Calcium	5000	U		6010B
7440-47-3	Chromium	10.0	U		6010B
7440-48-4	Cobalt	50.0	U		6010B
7440-50-8	Copper	25.0	U		6010B
7439-89-6	Iron	150	U		6010B
7439-92-1	Lead	5.0	U		6010B
7439-95-4	Magnesium	5000	U		6010B
7439-96-5	Manganese	2.70	J		6010B
7440-02-0	Nickel	40.0	U		6010B
7440-09-7	Potassium	5000	U		6010B
7782-49-2	Selenium	10.0	U		6010B
7440-22-4	Silver	10.0	U		6010B
7440-23-5	Sodium	5000	U		6010B
7440-28-0	Thallium	10.0	U		6010B
7440-62-2	Vanadium	50.0	U		6010B
7440-66-6	Zinc	30.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-31650/1-A

Instrument Code: ICP4 Batch No.: 31742

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	200	U		6010B
7440-36-0	Antimony	10.0	U		6010B
7440-38-2	Arsenic	5.0	U		6010B
7440-39-3	Barium	200	U		6010B
7440-41-7	Beryllium	2.0	U		6010B
7440-43-9	Cadmium	5.0	U		6010B
7440-70-2	Calcium	5000	U		6010B
7440-47-3	Chromium	10.0	U		6010B
7440-48-4	Cobalt	50.0	U		6010B
7440-50-8	Copper	25.0	U		6010B
7439-89-6	Iron	150	U		6010B
7439-92-1	Lead	5.0	U		6010B
7439-95-4	Magnesium	5000	U		6010B
7439-96-5	Manganese	15.0	U		6010B
7440-02-0	Nickel	40.0	U		6010B
7440-09-7	Potassium	5000	U		6010B
7782-49-2	Selenium	10.0	U		6010B
7440-22-4	Silver	10.0	U		6010B
7440-23-5	Sodium	5000	U		6010B
7440-28-0	Thallium	10.0	U		6010B
7440-62-2	Vanadium	50.0	U		6010B
7440-66-6	Zinc	30.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-31286/12-A

Instrument Code: LEEMAN5 Batch No.: 31343

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.20	U		7470A

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-31289/11-A

Instrument Code: LEEMAN5 Batch No.: 31343

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.20	U		7470A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: ICSA 460-31370/40 Instrument ID: ICP4

Lab File ID: ICS Source: ME_ICSA_Duo_00010

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**0.561**	
Al	**500000**	**489200**	**98**
As		**-1.60**	
Ba		**1.12**	
Be		**-0.0893**	
Ca	**500000**	**482400**	**96**
Cd		**2.00**	
Co		**2.48**	
Cr		**-0.158**	
Cu		**10.8**	
Fe	**200000**	**188700**	**94**
K		**-155**	
Mg	**500000**	**491500**	**98**
Mn		**1.49**	
Na		**145**	
Ni		**1.70**	
Pb		**-4.24**	
Sb		**2.45**	
Se		**1.000**	
Tl		**0.297**	
V		**1.90**	
Zn		**-1.84**	
B		*5.37*	
Mo		*-2.30*	
Sn		*0.160*	
Sr		*-7.49*	
Ti		*-2.64*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: ICSAB 460-31370/41 Instrument ID: ICP4

Lab File ID: ICS Source: ME_ICSAB_DUO_00008

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**100**	**100**	**100**
Al	**500000**	**488700**	**98**
As	**100**	**91.2**	**91**
Ba	**100**	**99.0**	**99**
Be	**100**	**95.2**	**95**
Ca	**500000**	**494100**	**99**
Cd	**100**	**94.4**	**94**
Co	**100**	**96.1**	**96**
Cr	**100**	**99.4**	**99**
Cu	**100**	**94.0**	**94**
Fe	**200000**	**187100**	**94**
K	**10000**	**9868**	**99**
Mg	**500000**	**481000**	**96**
Mn	**100**	**99.0**	**99**
Na	**10000**	**10170**	**102**
Ni	**100**	**94.4**	**94**
Pb	**100**	**89.5**	**90**
Sb	**100**	**93.2**	**93**
Se	**100**	**93.9**	**94**
Tl	**100**	**93.9**	**94**
V	**100**	**99.1**	**99**
Zn	**100**	**90.5**	**90**
B	*100*	*99.6*	*100*
Mo	*100*	*91.6*	*92*
Sn	*100*	*96.2*	*96*
Sr	*100*	*89.7*	*90*
Ti	*100*	*93.0*	*93*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: ICSA 460-31370/64 Instrument ID: ICP4

Lab File ID: ICS Source: ME_ICSA_Duo_00010

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**0.222**	
Al	**500000**	**490400**	**98**
As		**-0.701**	
Ba		**1.49**	
Be		**-0.0820**	
Ca	**500000**	**492500**	**98**
Cd		**1.69**	
Co		**2.41**	
Cr		**0.0637**	
Cu		**10.9**	
Fe	**200000**	**188100**	**94**
K		**-187**	
Mg	**500000**	**485100**	**97**
Mn		**1.93**	
Na		**42.2**	
Ni		**2.15**	
Pb		**-3.53**	
Sb		**3.16**	
Se		**-0.652**	
Tl		**2.61**	
V		**2.13**	
Zn		**-1.57**	
B		*4.58*	
Mo		*-1.99*	
Sn		*0.0979*	
Sr		*-7.67*	
Ti		*-2.65*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: ICSAB 460-31370/65 Instrument ID: ICP4

Lab File ID: ICS Source: ME_ICSAB_DUO_00008

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**100**	**99.8**	**100**
Al	**500000**	**485400**	**97**
As	**100**	**94.3**	**94**
Ba	**100**	**100**	**100**
Be	**100**	**95.8**	**96**
Ca	**500000**	**484700**	**97**
Cd	**100**	**96.4**	**96**
Co	**100**	**97.6**	**98**
Cr	**100**	**101**	**101**
Cu	**100**	**95.4**	**95**
Fe	**200000**	**188400**	**94**
K	**10000**	**9753**	**98**
Mg	**500000**	**492500**	**98**
Mn	**100**	**98.5**	**98**
Na	**10000**	**10070**	**101**
Ni	**100**	**96.2**	**96**
Pb	**100**	**88.6**	**89**
Sb	**100**	**93.6**	**94**
Se	**100**	**97.0**	**97**
Tl	**100**	**93.7**	**94**
V	**100**	**99.3**	**99**
Zn	**100**	**97.0**	**97**
B	*100*	*99.1*	*99*
Mo	*100*	*93.3*	*93*
Sn	*100*	*97.7*	*98*
Sr	*100*	*88.3*	*88*
Ti	*100*	*93.3*	*93*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: ICSA 460-31415/40 Instrument ID: ICP4

Lab File ID: ICS Source: ME_ICSA_Duo_00010

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**2.19**	
Al	**500000**	**510100**	**102**
As		**-3.68**	
Ba		**1.00**	
Be		**-0.181**	
Ca	**500000**	**505500**	**101**
Cd		**2.22**	
Co		**2.33**	
Cr		**-0.298**	
Cu		**4.79**	
Fe	**200000**	**189000**	**94**
K		**-152**	
Mg	**500000**	**490800**	**98**
Mn		**2.54**	
Na		**31.9**	
Ni		**1.62**	
Pb		**-3.40**	
Sb		**2.05**	
Se		**1.10**	
Tl		**1.17**	
V		**1.71**	
Zn		**-1.22**	
B		*3.40*	
Mo		*-2.27*	
Sn		*0.935*	
Sr		*-7.82*	
Ti		*-1.79*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: ICSAB 460-31415/41 Instrument ID: ICP4

Lab File ID: ICS Source: ME_ICSAB_DUO_00008

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**100**	**107**	**106**
Al	**500000**	**494500**	**99**
As	**100**	**94.9**	**95**
Ba	**100**	**101**	**101**
Be	**100**	**98.5**	**98**
Ca	**500000**	**493000**	**99**
Cd	**100**	**97.2**	**97**
Co	**100**	**95.6**	**96**
Cr	**100**	**98.7**	**99**
Cu	**100**	**94.1**	**94**
Fe	**200000**	**188100**	**94**
K	**10000**	**9784**	**98**
Mg	**500000**	**488800**	**98**
Mn	**100**	**101**	**101**
Na	**10000**	**10280**	**103**
Ni	**100**	**94.9**	**95**
Pb	**100**	**89.9**	**90**
Sb	**100**	**99.0**	**99**
Se	**100**	**99.1**	**99**
Tl	**100**	**94.9**	**95**
V	**100**	**101**	**101**
Zn	**100**	**92.1**	**92**
B	*100*	*101*	*101*
Mo	*100*	*93.6*	*94*
Sn	*100*	*96.6*	*97*
Sr	*100*	*90.3*	*90*
Ti	*100*	*96.5*	*97*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: ICSA 460-31415/82 Instrument ID: ICP4

Lab File ID: ICS Source: ME_ICSA_Duo_00010

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**2.44**	
Al	**500000**	**515500**	**103**
As		**-4.96**	
Ba		**1.19**	
Be		**-0.196**	
Ca	**500000**	**518400**	**104**
Cd		**2.35**	
Co		**2.37**	
Cr		**-0.451**	
Cu		**1.63**	
Fe	**200000**	**190400**	**95**
K		**-110**	
Mg	**500000**	**492100**	**98**
Mn		**2.33**	
Na		**84.0**	
Ni		**1.54**	
Pb		**-4.01**	
Sb		**1.85**	
Se		**2.06**	
Tl		**2.02**	
V		**1.93**	
Zn		**-1.19**	
B		*4.15*	
Mo		*-2.23*	
Sn		*0.309*	
Sr		*-8.10*	
Ti		*-2.69*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: ICSAB 460-31415/83 Instrument ID: ICP4

Lab File ID: ICS Source: ME_ICSAB_DUO_00008

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**100**	**111**	**111**
Al	**500000**	**508100**	**102**
As	**100**	**94.8**	**95**
Ba	**100**	**104**	**104**
Be	**100**	**101**	**101**
Ca	**500000**	**496800**	**99**
Cd	**100**	**99.9**	**100**
Co	**100**	**96.4**	**96**
Cr	**100**	**101**	**101**
Cu	**100**	**101**	**101**
Fe	**200000**	**191600**	**96**
K	**10000**	**9868**	**99**
Mg	**500000**	**499900**	**100**
Mn	**100**	**105**	**105**
Na	**10000**	**10470**	**105**
Ni	**100**	**96.0**	**96**
Pb	**100**	**92.0**	**92**
Sb	**100**	**100**	**100**
Se	**100**	**101**	**101**
Tl	**100**	**97.1**	**97**
V	**100**	**105**	**105**
Zn	**100**	**99.0**	**99**
B	*100*	*103*	*103*
Mo	*100*	*95.4*	*95*
Sn	*100*	*97.7*	*98*
Sr	*100*	*91.0*	*91*
Ti	*100*	*99.0*	*99*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: ICSA 460-31640/8 Instrument ID: ICP4

Lab File ID: ICS Source: ME_ICSA_Duo_00010

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**0.469**	
Al	**500000**	**499900**	**100**
As		**-2.88**	
Ba		**1.07**	
Be		**-0.0872**	
Ca	**500000**	**496800**	**99**
Cd		**-0.433**	
Co		**2.23**	
Cr		**-0.992**	
Cu		**6.46**	
Fe	**200000**	**188200**	**94**
K		**-212**	
Mg	**500000**	**477600**	**96**
Mn		**-2.96**	
Na		**151**	
Ni		**1.46**	
Pb		**-1.77**	
Sb		**1.56**	
Se		**-0.195**	
Tl		**2.17**	
V		**2.49**	
Zn		**-1.51**	
B		*6.65*	
Mo		*-1.80*	
Sn		*-0.177*	
Sr		*-7.45*	
Ti		*-1.16*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: ICSAB 460-31640/9 Instrument ID: ICP4

Lab File ID: ICS Source: ME_ICSAB_DUO_00008

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**100**	**103**	**103**
Al	**500000**	**492700**	**99**
As	**100**	**94.9**	**95**
Ba	**100**	**100.0**	**100**
Be	**100**	**95.7**	**96**
Ca	**500000**	**490500**	**98**
Cd	**100**	**93.0**	**93**
Co	**100**	**95.1**	**95**
Cr	**100**	**96.2**	**96**
Cu	**100**	**95.3**	**95**
Fe	**200000**	**188600**	**94**
K	**10000**	**10100**	**101**
Mg	**500000**	**476300**	**95**
Mn	**100**	**95.7**	**96**
Na	**10000**	**10400**	**104**
Ni	**100**	**94.6**	**95**
Pb	**100**	**91.4**	**91**
Sb	**100**	**94.9**	**95**
Se	**100**	**96.7**	**97**
Tl	**100**	**95.5**	**96**
V	**100**	**101**	**101**
Zn	**100**	**92.7**	**93**
B	*100*	*102*	*102*
Mo	*100*	*93.2*	*93*
Sn	*100*	*96.8*	*97*
Sr	*100*	*93.4*	*93*
Ti	*100*	*96.4*	*96*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: ICSA 460-31640/40 Instrument ID: ICP4

Lab File ID: ICS Source: ME_ICSA_Duo_00010

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**-0.225**	
Al	**500000**	**506700**	**101**
As		**-3.45**	
Ba		**1.25**	
Be		**-0.128**	
Ca	**500000**	**508800**	**102**
Cd		**-0.201**	
Co		**2.17**	
Cr		**-1.23**	
Cu		**0.591**	
Fe	**200000**	**185600**	**93**
K		**-221**	
Mg	**500000**	**471500**	**94**
Mn		**-3.35**	
Na		**73.1**	
Ni		**1.15**	
Pb		**-2.26**	
Sb		**3.25**	
Se		**1.34**	
Tl		**0.945**	
V		**2.12**	
Zn		**-2.43**	
B		*4.29*	
Mo		*-2.05*	
Sn		*0.705*	
Sr		*-7.98*	
Ti		*-1.47*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: ICSAB 460-31640/41 Instrument ID: ICP4

Lab File ID: ICS Source: ME_ICSAB_DUO_00008

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Ag	**100**	**104**	**104**
Al	**500000**	**490600**	**98**
As	**100**	**92.1**	**92**
Ba	**100**	**97.4**	**97**
Be	**100**	**95.2**	**95**
Ca	**500000**	**491200**	**98**
Cd	**100**	**91.0**	**91**
Co	**100**	**93.7**	**94**
Cr	**100**	**98.8**	**99**
Cu	**100**	**94.3**	**94**
Fe	**200000**	**182900**	**91**
K	**10000**	**9882**	**99**
Mg	**500000**	**462100**	**92**
Mn	**100**	**96.8**	**97**
Na	**10000**	**10260**	**103**
Ni	**100**	**91.4**	**91**
Pb	**100**	**88.5**	**88**
Sb	**100**	**92.4**	**92**
Se	**100**	**93.5**	**94**
Tl	**100**	**93.1**	**93**
V	**100**	**101**	**101**
Zn	**100**	**88.6**	**89**
B	*100*	*97.9*	*98*
Mo	*100*	*90.1*	*90*
Sn	*100*	*93.6*	*94*
Sr	*100*	*91.6*	*92*
Ti	*100*	*94.3*	*94*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: ICSA 460-31742/8 Instrument ID: ICP4

Lab File ID: ICS Source: ME_ICSA_Duo_00010

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**2.40**	
Al	**500000**	**501100**	**100**
As		**-2.71**	
Ba		**1.08**	
Be		**-0.189**	
Ca	**500000**	**504300**	**101**
Cd		**-1.26**	
Co		**2.37**	
Cr		**-0.552**	
Cu		**2.18**	
Fe	**200000**	**195200**	**98**
K		**-9.58**	
Mg	**500000**	**496900**	**99**
Mn		**-4.29**	
Na		**78.6**	
Ni		**0.917**	
Pb		**-5.19**	
Sb		**2.37**	
Se		**-1.53**	
Tl		**0.659**	
V		**1.87**	
Zn		**-2.01**	
B		*6.25*	
Mo		*-2.38*	
Sn		*0.230*	
Sr		*-7.78*	
Ti		*-2.66*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: ICSAB 460-31742/9 Instrument ID: ICP4

Lab File ID: ICS Source: ME_ICSAB_DUO_00008

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**100**	**103**	**103**
Al	**500000**	**492900**	**99**
As	**100**	**96.0**	**96**
Ba	**100**	**102**	**102**
Be	**100**	**97.6**	**98**
Ca	**500000**	**484100**	**97**
Cd	**100**	**94.8**	**95**
Co	**100**	**98.3**	**98**
Cr	**100**	**98.0**	**98**
Cu	**100**	**97.4**	**97**
Fe	**200000**	**191600**	**96**
K	**10000**	**9966**	**100**
Mg	**500000**	**495800**	**99**
Mn	**100**	**92.5**	**93**
Na	**10000**	**10280**	**103**
Ni	**100**	**96.6**	**97**
Pb	**100**	**89.8**	**90**
Sb	**100**	**97.9**	**98**
Se	**100**	**97.9**	**98**
Tl	**100**	**95.4**	**95**
V	**100**	**98.5**	**98**
Zn	**100**	**93.5**	**94**
B	*100*	*104*	*104*
Mo	*100*	*94.8*	*95*
Sn	*100*	*98.6*	*99*
Sr	*100*	*91.0*	*91*
Ti	*100*	*96.2*	*96*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: ICSA 460-31742/47 Instrument ID: ICP4

Lab File ID: ICS Source: ME_ICSA_Duo_00010

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**2.43**	
Al	**500000**	**500900**	**100**
As		**-3.45**	
Ba		**1.22**	
Be		**-0.196**	
Ca	**500000**	**497500**	**100**
Cd		**-0.971**	
Co		**2.46**	
Cr		**-0.719**	
Cu		**3.01**	
Fe	**200000**	**190600**	**95**
K		**-40.6**	
Mg	**500000**	**487600**	**98**
Mn		**-4.23**	
Na		**385**	
Ni		**1.24**	
Pb		**-5.37**	
Sb		**1.97**	
Se		**1.72**	
Tl		**-0.365**	
V		**1.22**	
Zn		**-1.03**	
B		*3.47*	
Mo		*-2.41*	
Sn		*0.0953*	
Sr		*-7.67*	
Ti		*-2.66*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Lab Sample ID: ICSAB 460-31742/48 Instrument ID: ICP4

Lab File ID: ICS Source: ME_ICSAB_DUO_00008

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**100**	**106**	**106**
Al	**500000**	**501800**	**100**
As	**100**	**96.8**	**97**
Ba	**100**	**103**	**103**
Be	**100**	**98.6**	**99**
Ca	**500000**	**490100**	**98**
Cd	**100**	**95.1**	**95**
Co	**100**	**98.1**	**98**
Cr	**100**	**101**	**101**
Cu	**100**	**99.7**	**100**
Fe	**200000**	**191800**	**96**
K	**10000**	**10070**	**101**
Mg	**500000**	**494900**	**99**
Mn	**100**	**95.3**	**95**
Na	**10000**	**10540**	**105**
Ni	**100**	**96.2**	**96**
Pb	**100**	**90.7**	**91**
Sb	**100**	**97.9**	**98**
Se	**100**	**99.7**	**100**
Tl	**100**	**96.1**	**96**
V	**100**	**101**	**101**
Zn	**100**	**97.3**	**97**
B	*100*	*102*	*102*
Mo	*100*	*94.5*	*94*
Sn	*100*	*98.3*	*98*
Sr	*100*	*91.6*	*92*
Ti	*100*	*96.9*	*97*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: GW-017338-030110-ACH-003 MS Lab ID: 460-10889-3 MS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Concentration Units: ug/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	3300		1050		2000	112	75-125		6010B
Antimony	483		10.0	U	500	97	75-125		6010B
Arsenic	2010		5.0	U	2000	100	75-125		6010B
Barium	2470		427		2000	102	75-125		6010B
Beryllium	49.0		2.0	U	50.0	98	75-125		6010B
Cadmium	50.7		5.0	U	50.0	101	75-125		6010B
Calcium	68170		49400		20000	94	75-125		6010B
Chromium	207		10.0	U	200	104	75-125		6010B
Cobalt	530		18.1	J	500	102	75-125		6010B
Copper	250		25.0	U	250	100	75-125		6010B
Iron	62730		62000		1000	70	75-125	4	6010B
Lead	512		5.0	U	500	102	75-125		6010B
Magnesium	51750		30600		20000	106	75-125		6010B
Manganese	2150		1690		500	92	75-125		6010B
Nickel	519		40.0	U	500	104	75-125		6010B
Potassium	23390		3230	J	20000	101	75-125		6010B
Selenium	2010		10.0	U	2000	101	75-125		6010B
Silver	48.1		1.6	J	50.0	93	75-125		6010B
Sodium	105200		86700		20000	93	75-125	4	6010B
Thallium	2120		10.0	U	2000	106	75-125		6010B
Vanadium	497		50.0	U	500	99	75-125		6010B
Zinc	514		30.0	U	500	103	75-125		6010B
Mercury	1.08		0.20	U	1.00	108	75-125		7470A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: GW-017338-030310-ACH-018 MS Lab ID: 460-10889-18 MS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Concentration Units: ug/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	2100		200	U	2000	105	75-125		6010B
Antimony	518		10.0	U	500	104	75-125		6010B
Arsenic	2170		12.0		2000	108	75-125		6010B
Barium	2610		456		2000	108	75-125		6010B
Beryllium	51.5		2.0	U	50.0	103	75-125		6010B
Cadmium	52.7		5.0	U	50.0	105	75-125		6010B
Calcium	67930		48000		20000	100	75-125		6010B
Chromium	212		10.0	U	200	106	75-125		6010B
Cobalt	572		40.6	J	500	106	75-125		6010B
Copper	263		25.0	U	250	105	75-125		6010B
Iron	56140		55600		1000	49	75-125	4	6010B
Lead	536		5.0	U	500	107	75-125		6010B
Magnesium	60890		39400		20000	107	75-125		6010B
Manganese	1390		870		500	104	75-125		6010B
Nickel	543		3.7	J	500	108	75-125		6010B
Potassium	25490		4520	J	20000	105	75-125		6010B
Selenium	2170		10.0	U	2000	108	75-125		6010B
Silver	51.0		1.6	J	50.0	99	75-125		6010B
Sodium	157900		139000		20000	94	75-125	4	6010B
Thallium	2220		10.0	U	2000	111	75-125		6010B
Vanadium	519		50.0	U	500	104	75-125		6010B
Zinc	602		70.1		500	106	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: GW-017338-030310-ACH-020 MS Lab ID: 460-10889-20 MS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Concentration Units: ug/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	1.06		0.20	U	1.00	106	75-125		7470A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 460-11019-D-1-C MS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Matrix: Water Concentration Units: ug/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	2110		200	U	2000	106	75-125		6010B
Antimony	510		10.0	U	500	102	75-125		6010B
Arsenic	2090		5.0	U	2000	104	75-125		6010B
Barium	2130		24.5	J	2000	105	75-125		6010B
Beryllium	51.4		2.0	U	50.0	103	75-125		6010B
Cadmium	51.6		5.0	U	50.0	103	75-125		6010B
Calcium	39300		18200		20000	105	75-125		6010B
Chromium	206		10.0	U	200	103	75-125		6010B
Cobalt	520		50.0	U	500	104	75-125		6010B
Copper	299		42.2		250	103	75-125		6010B
Iron	2780		1750		1000	103	75-125		6010B
Lead	535		7.0		500	106	75-125		6010B
Magnesium	25130		4320	J	20000	104	75-125		6010B
Manganese	560		27.5		500	107	75-125		6010B
Nickel	536		5.4	J	500	106	75-125		6010B
Potassium	23410		2150	J	20000	106	75-125		6010B
Selenium	2080		10.0	U	2000	104	75-125		6010B
Silver	49.1		10.0	U	50.0	98	75-125		6010B
Sodium	99310		78600		20000	103	75-125		6010B
Thallium	2230		10.0	U	2000	111	75-125		6010B
Vanadium	513		50.0	U	500	103	75-125		6010B
Zinc	542		20.1	J	500	104	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

6-IN
DUPLICATES
METALS

Client ID: GW-017338-030110-ACH-003 DU Lab ID: 460-10889-3 DU

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	200	1050		1020		2		6010B
Antimony	10.0	10.0	U	10.0	U	NC		6010B
Arsenic	5.0	5.0	U	5.0	U	NC		6010B
Barium	200	427		436		2		6010B
Beryllium	2.0	2.0	U	2.0	U	NC		6010B
Cadmium	5.0	5.0	U	5.0	U	NC		6010B
Calcium	5000	49400		49510		0		6010B
Chromium	10.0	10.0	U	10.0	U	NC		6010B
Cobalt	50.0	18.1	J	18.6	J	3		6010B
Copper	25.0	25.0	U	25.0	U	NC		6010B
Iron	150	62000		62580		1		6010B
Lead	5.0	5.0	U	5.0	U	NC		6010B
Magnesium	5000	30600		31030		1		6010B
Manganese	15.0	1690		1690		0		6010B
Nickel	40.0	40.0	U	40.0	U	NC		6010B
Potassium	5000	3230	J	3220	J	0		6010B
Selenium	10.0	10.0	U	10.0	U	NC		6010B
Silver	10.0	1.6	J	1.72	J	10		6010B
Sodium	5000	86700		87130		1		6010B
Thallium	10.0	10.0	U	10.0	U	NC		6010B
Vanadium	50.0	50.0	U	50.0	U	NC		6010B
Zinc	30.0	30.0	U	30.0	U	NC		6010B
Mercury	0.20	0.20	U	0.20	U	NC		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: GW-017338-030310-ACH-018 DU Lab ID: 460-10889-18 DU

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	200	200	U	200	U	NC		6010B
Antimony	10.0	10.0	U	10.0	U	NC		6010B
Arsenic	5.0	12.0		13.2		9		6010B
Barium	200	456		447		2		6010B
Beryllium	2.0	2.0	U	2.0	U	NC		6010B
Cadmium	5.0	5.0	U	5.0	U	NC		6010B
Calcium	5000	48000		47610		1		6010B
Chromium	10.0	10.0	U	10.0	U	NC		6010B
Cobalt	50.0	40.6	J	40.3	J	1		6010B
Copper	25.0	25.0	U	25.0	U	NC		6010B
Iron	150	55600		54860		1		6010B
Lead	5.0	5.0	U	5.0	U	NC		6010B
Magnesium	5000	39400		38580		2		6010B
Manganese	15.0	870		859		1		6010B
Nickel	40.0	3.7	J	3.79	J	3		6010B
Potassium	5000	4520	J	4500	J	1		6010B
Selenium	10.0	10.0	U	10.0	U	NC		6010B
Silver	10.0	1.6	J	1.63	J	1		6010B
Sodium	5000	139000		138400		1		6010B
Thallium	10.0	10.0	U	10.0	U	NC		6010B
Vanadium	50.0	50.0	U	50.0	U	NC		6010B
Zinc	30.0	70.1		68.9		2		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: GW-017338-030310-ACH-020 DU Lab ID: 460-10889-20 DU

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.20	0.20	U	0.20	U	NC		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-11019-D-1-B DU

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.: _____

% Solids for Sample: _____ % Solids for Duplicate: _____

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	200	200	U	200	U	NC		6010B
Antimony	10.0	10.0	U	10.0	U	NC		6010B
Arsenic	5.0	5.0	U	5.0	U	NC		6010B
Barium	200	24.5	J	24.7	J	1		6010B
Beryllium	2.0	2.0	U	2.0	U	NC		6010B
Cadmium	5.0	5.0	U	5.0	U	NC		6010B
Calcium	5000	18200		18100		1		6010B
Chromium	10.0	10.0	U	10.0	U	NC		6010B
Cobalt	50.0	50.0	U	50.0	U	NC		6010B
Copper	25.0	42.2		33.8		22		6010B
Iron	150	1750		1710		2		6010B
Lead	5.0	7.0		7.31		5		6010B
Magnesium	5000	4320	J	4270	J	1		6010B
Manganese	15.0	27.5		27.0		2		6010B
Nickel	40.0	5.4	J	5.49	J	2		6010B
Potassium	5000	2150	J	2120	J	1		6010B
Selenium	10.0	10.0	U	10.0	U	NC		6010B
Silver	10.0	10.0	U	10.0	U	NC		6010B
Sodium	5000	78600		76220		3		6010B
Thallium	10.0	10.0	U	10.0	U	NC		6010B
Vanadium	50.0	50.0	U	50.0	U	NC		6010B
Zinc	30.0	20.1	J	20.3	J	1		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-31300/2-A

Lab Name: TestAmerica Edison Job No.: 460-10889-1

Sample Matrix: Water LCS Source: ME_LCS-int_00017

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	2000	2050		103	80	120		6010B
Antimony	500	486		97	80	120		6010B
Arsenic	2000	1990		99	80	120		6010B
Barium	2000	2090		104	80	120		6010B
Beryllium	50.0	48.8		98	80	120		6010B
Cadmium	50.0	51.3		103	80	120		6010B
Calcium	20000	19820		99	80	120		6010B
Chromium	200	208		104	80	120		6010B
Cobalt	500	526		105	80	120		6010B
Copper	250	250		100	80	120		6010B
Iron	1000	1080		108	80	120		6010B
Lead	500	530		106	80	120		6010B
Magnesium	20000	21030		105	80	120		6010B
Manganese	500	524		105	80	120		6010B
Nickel	500	532		106	80	120		6010B
Potassium	20000	20570		103	80	120		6010B
Selenium	2000	2010		101	80	120		6010B
Silver	50.0	46.1		92	80	120		6010B
Sodium	20000	20190		101	80	120		6010B
Thallium	2000	2250		112	80	120		6010B
Vanadium	500	498		100	80	120		6010B
Zinc	500	520		104	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-31540/2-A

Lab Name: TestAmerica Edison Job No.: 460-10889-1

Sample Matrix: Water LCS Source: ME_LCS-int_00017

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	2000	2080		104	80	120		6010B
Antimony	500	501		100	80	120		6010B
Arsenic	2000	2040		102	80	120		6010B
Barium	2000	2100		105	80	120		6010B
Beryllium	50.0	50.3		101	80	120		6010B
Cadmium	50.0	51.6		103	80	120		6010B
Calcium	20000	20150		101	80	120		6010B
Chromium	200	205		102	80	120		6010B
Cobalt	500	517		103	80	120		6010B
Copper	250	255		102	80	120		6010B
Iron	1000	1100		110	80	120		6010B
Lead	500	533		107	80	120		6010B
Magnesium	20000	20880		104	80	120		6010B
Manganese	500	537		107	80	120		6010B
Nickel	500	531		106	80	120		6010B
Potassium	20000	20760		104	80	120		6010B
Selenium	2000	2070		103	80	120		6010B
Silver	50.0	48.7		97	80	120		6010B
Sodium	20000	20580		103	80	120		6010B
Thallium	2000	2280		114	80	120		6010B
Vanadium	500	509		102	80	120		6010B
Zinc	500	517		103	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-31650/2-A

Lab Name: TestAmerica Edison Job No.: 460-10889-1

Sample Matrix: Water LCS Source: ME_LCS-int_00017

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	2000	2090		105	80	120		6010B
Antimony	500	507		101	80	120		6010B
Arsenic	2000	2080		104	80	120		6010B
Barium	2000	2160		108	80	120		6010B
Beryllium	50.0	50.9		102	80	120		6010B
Cadmium	50.0	52.9		106	80	120		6010B
Calcium	20000	20060		100	80	120		6010B
Chromium	200	211		106	80	120		6010B
Cobalt	500	537		107	80	120		6010B
Copper	250	261		104	80	120		6010B
Iron	1000	1130		113	80	120		6010B
Lead	500	544		109	80	120		6010B
Magnesium	20000	21620		108	80	120		6010B
Manganese	500	542		108	80	120		6010B
Nickel	500	544		109	80	120		6010B
Potassium	20000	20570		103	80	120		6010B
Selenium	2000	2100		105	80	120		6010B
Silver	50.0	48.8		98	80	120		6010B
Sodium	20000	20540		103	80	120		6010B
Thallium	2000	2320		116	80	120		6010B
Vanadium	500	515		103	80	120		6010B
Zinc	500	530		106	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-31286/13-A

Lab Name: TestAmerica Edison Job No.: 460-10889-1

Sample Matrix: Water LCS Source: ME_DCAL-IN_00234

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	1.00	1.03		103	80	120		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-31289/12-A

Lab Name: TestAmerica Edison Job No.: 460-10889-1

Sample Matrix: Water LCS Source: ME_DCAL-IN_00234

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	1.00	1.03		103	80	120		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-10889-3

SDG No:

Lab Name: TestAmerica Edison Job No: 460-10889-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	1050		1070		NC		6010B
Antimony	10.0	U	50.0	U	NC		6010B
Arsenic	5.0	U	25.0	U	NC		6010B
Barium	427		423	J	0.86		6010B
Beryllium	2.0	U	10.0	U	NC		6010B
Cadmium	5.0	U	25.0	U	NC		6010B
Calcium	49400		46180		6.5		6010B
Chromium	10.0	U	50.0	U	NC		6010B
Cobalt	18.1	J	17.6	J	NC		6010B
Copper	25.0	U	125	U	NC		6010B
Iron	62000		60450		2.5		6010B
Lead	5.0	U	25.0	U	NC		6010B
Magnesium	30600		29480		3.7		6010B
Manganese	1690		1630		3.5		6010B
Nickel	40.0	U	200	U	NC		6010B
Potassium	3230	J	2850	J	NC		6010B
Selenium	10.0	U	50.0	U	NC		6010B
Silver	1.6	J	50.0	U	NC		6010B
Sodium	86700		83200		4.0		6010B
Thallium	10.0	U	50.0	U	NC		6010B
Vanadium	50.0	U	250	U	NC		6010B
Zinc	30.0	U	150	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-10889-18

SDG No:

Lab Name: TestAmerica Edison Job No: 460-10889-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	200	U	1000	U	NC		6010B
Antimony	10.0	U	50.0	U	NC		6010B
Arsenic	12.0		25.0	U	NC		6010B
Barium	456		449	J	1.5		6010B
Beryllium	2.0	U	10.0	U	NC		6010B
Cadmium	5.0	U	25.0	U	NC		6010B
Calcium	48000		46600		2.8		6010B
Chromium	10.0	U	50.0	U	NC		6010B
Cobalt	40.6	J	40.4	J	NC		6010B
Copper	25.0	U	125	U	NC		6010B
Iron	55600		54950		1.3		6010B
Lead	5.0	U	25.0	U	NC		6010B
Magnesium	39400		38130		3.3		6010B
Manganese	870		858		1.4		6010B
Nickel	3.7	J	200	U	NC		6010B
Potassium	4520	J	4810	J	NC		6010B
Selenium	10.0	U	50.0	U	NC		6010B
Silver	1.6	J	50.0	U	NC		6010B
Sodium	139000		138400		0.61		6010B
Thallium	10.0	U	50.0	U	NC		6010B
Vanadium	50.0	U	250	U	NC		6010B
Zinc	70.1		69.2	J	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-11019-D-1-A SD ^5

SDG No:

Lab Name: TestAmerica Edison Job No: 460-10889-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	200	U	1000	U	NC		6010B
Antimony	10.0	U	50.0	U	NC		6010B
Arsenic	5.0	U	25.0	U	NC		6010B
Barium	24.5	J	24.4	J	NC		6010B
Beryllium	2.0	U	10.0	U	NC		6010B
Cadmium	5.0	U	25.0	U	NC		6010B
Calcium	18200		18190	J	0.16		6010B
Chromium	10.0	U	50.0	U	NC		6010B
Cobalt	50.0	U	250	U	NC		6010B
Copper	42.2		44.7	J	NC		6010B
Iron	1750		1750		NC		6010B
Lead	7.0		25.0	U	NC		6010B
Magnesium	4320	J	4360	J	0.91		6010B
Manganese	27.5		26.9	J	NC		6010B
Nickel	5.4	J	200	U	NC		6010B
Potassium	2150	J	2020	J	NC		6010B
Selenium	10.0	U	50.0	U	NC		6010B
Silver	10.0	U	50.0	U	NC		6010B
Sodium	78600		77250		1.7		6010B
Thallium	10.0	U	50.0	U	NC		6010B
Vanadium	50.0	U	250	U	NC		6010B
Zinc	20.1	J	150	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-10889-3

SDG No:

Lab Name: TestAmerica Edison Job No: 460-10889-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Mercury	0.20	U	1.0	U	NC		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-10889-20

SDG No:

Lab Name: TestAmerica Edison Job No: 460-10889-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Mercury	0.20	U	0.20	U	NC		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-10889-1

SDG Number:

Matrix: Water Instrument ID: ICP4

Analysis Method: 6010B MDL Date: 12/30/2008 09:37

Prep Method: 3010A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Aluminum	308.0	200	86.956
Antimony	206.8	10	4.6
Arsenic	189.0	5	3.831
Barium	483.4	200	3.212
Beryllium	313.0	2	0.942
Cadmium	226.5	5	0.918
Calcium	317.9	5000	72.229
Chromium	267.7	10	3.201
Cobalt	228.6	50	2.767
Copper	324.7	25	3.648
Iron	271.4	150	40.158
Lead	220.6	5	2.787
Magnesium	279.0	5000	56.863
Manganese	257.0	15	2.515
Nickel	231.6	40	3.509
Potassium	766.4	5000	208.667
Selenium	196.0	10	4.752
Silver	328.0	10	0.969
Sodium	330.2	5000	341.097
Thallium	190.8	10	4.643
Vanadium	292.4	50	1.978
Zinc	206.2	30	5.798

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-10889-1

SDG Number:

Matrix: Water Instrument ID: LEEMAN5

Analysis Method: 7470A MDL Date: 12/30/2008 14:28

Prep Method: 7470A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.185

11-IN
ICP-AES AND ICP-MS LINEAR RANGES
METALS

Lab Name: TestAmerica Edison Job No: 460-10889-1

SDG No.:

Instrument ID: ICP4 Date: 01/06/2009 11:38

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Aluminum		500000	6010B
Antimony		2000	6010B
Arsenic		10000	6010B
Barium		20000	6010B
Beryllium		2000	6010B
Cadmium		5000	6010B
Calcium		250000	6010B
Chromium		10000	6010B
Cobalt		5000	6010B
Copper		25000	6010B
Iron		200000	6010B
Lead		20000	6010B
Magnesium		250000	6010B
Manganese		10000	6010B
Nickel		5000	6010B
Potassium		100000	6010B
Selenium		10000	6010B
Silver		2500	6010B
Sodium		250000	6010B
Thallium		10000	6010B
Vanadium		5000	6010B
Zinc		5000	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-31300/1-A	03/05/2010 09:04	31300		100	100
LCS 460-31300/2-A	03/05/2010 09:04	31300		100	100
460-10889-3	03/05/2010 09:04	31300		100	100
460-10889-3 DU	03/05/2010 09:04	31300		100	100
460-10889-3 MS	03/05/2010 09:04	31300		100	100
460-10889-1	03/05/2010 09:04	31300		100	100
460-10889-2	03/05/2010 09:04	31300		100	100
460-10889-4	03/05/2010 09:04	31300		100	100
460-10889-5	03/05/2010 09:04	31300		100	100
460-10889-6	03/05/2010 09:04	31300		100	100
460-10889-7	03/05/2010 09:04	31300		100	100
460-10889-8	03/05/2010 09:04	31300		100	100
460-10889-9	03/05/2010 09:04	31300		100	100
460-10889-10	03/05/2010 09:04	31300		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-31540/1-A	03/09/2010 09:45	31540		100	100
LCS 460-31540/2-A	03/09/2010 09:45	31540		100	100
460-11019-D-1-B DU	03/09/2010 09:45	31540		100	100
460-11019-D-1-C MS	03/09/2010 09:45	31540		100	100
460-10889-11	03/09/2010 09:45	31540		100	100
460-10889-12	03/09/2010 09:45	31540		100	100
460-10889-13	03/09/2010 09:45	31540		100	100
460-10889-14	03/09/2010 09:45	31540		100	100
460-10889-15	03/09/2010 09:45	31540		100	100
460-10889-16	03/09/2010 09:45	31540		100	100
460-10889-17	03/09/2010 09:45	31540		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-31650/1-A	03/10/2010 09:20	31650		100	100
LCS 460-31650/2-A	03/10/2010 09:20	31650		100	100
460-10889-18	03/10/2010 09:20	31650		100	100
460-10889-18 DU	03/10/2010 09:20	31650		100	100
460-10889-18 MS	03/10/2010 09:20	31650		100	100
460-10889-19	03/10/2010 09:20	31650		100	100
460-10889-20	03/10/2010 09:20	31650		100	100
460-10889-21	03/10/2010 09:20	31650		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Preparation Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-31286/12-A	03/05/2010 07:30	31286		30	30
LCS 460-31286/13-A	03/05/2010 07:30	31286		30	30
460-10889-3	03/05/2010 07:30	31286		30	30
460-10889-3DU	03/05/2010 07:30	31286		30	30
460-10889-3 MS	03/05/2010 07:30	31286		30	30
460-10889-1	03/05/2010 07:30	31286		30	30
460-10889-2	03/05/2010 07:30	31286		30	30
460-10889-4	03/05/2010 07:30	31286		30	30
460-10889-5	03/05/2010 07:30	31286		30	30
460-10889-6	03/05/2010 07:30	31286		30	30
460-10889-7	03/05/2010 07:30	31286		30	30
460-10889-8	03/05/2010 07:30	31286		30	30
460-10889-9	03/05/2010 07:30	31286		30	30
460-10889-10	03/05/2010 07:30	31286		30	30
460-10889-11	03/05/2010 07:30	31286		30	30
460-10889-12	03/05/2010 07:30	31286		30	30
460-10889-13	03/05/2010 07:30	31286		30	30
460-10889-14	03/05/2010 07:30	31286		30	30
460-10889-15	03/05/2010 07:30	31286		30	30
460-10889-16	03/05/2010 07:30	31286		30	30
460-10889-17	03/05/2010 07:30	31286		30	30
460-10889-18	03/05/2010 07:30	31286		30	30
460-10889-19	03/05/2010 07:30	31286		30	30

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Preparation Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-31289/11-A	03/05/2010 07:30	31289		30	30
LCS 460-31289/12-A	03/05/2010 07:30	31289		30	30
460-10889-20	03/05/2010 07:30	31289		30	30
460-10889-20 DU	03/05/2010 07:30	31289		30	30
460-10889-20 MS	03/05/2010 07:30	31289		30	30
460-10889-21	03/05/2010 07:30	31289		30	30

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 03/05/2010 09:21 End Date: 03/05/2010 16:45

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			09:21																				
ZZZZZZ			09:28																				
ZZZZZZ			09:35																				
ZZZZZZ			09:41																				
ZZZZZZ			09:48																				
ICV 460-31370/6	1		09:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-31370/7	1		10:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-31370/8			10:10																				
ICSAB 460-31370/9			10:16																				
ZZZZZZ			10:23																				
ZZZZZZ			10:30																				
ZZZZZZ			10:37																				
ZZZZZZ			10:44																				
ZZZZZZ			10:50																				
ZZZZZZ			10:57																				
ZZZZZZ			11:03																				
ZZZZZZ			11:10																				
CCV 460-31370/18			11:16																				
CCB 460-31370/19			11:24																				
ZZZZZZ			11:30																				
ZZZZZZ			11:37																				
ZZZZZZ			11:44																				
ZZZZZZ			11:50																				
ZZZZZZ			11:57																				
ZZZZZZ			12:03																				
ZZZZZZ			12:10																				
ZZZZZZ			12:16																				
ZZZZZZ			12:23																				
ZZZZZZ			12:30																				
CCV 460-31370/30			12:36																				
CCB 460-31370/31			12:43																				
ZZZZZZ			12:50																				
ZZZZZZ			12:57																				
ZZZZZZ			13:03																				
ZZZZZZ			13:10																				
ZZZZZZ			13:17																				
ZZZZZZ			13:24																				
ZZZZZZ			13:30																				
ZZZZZZ			13:37																				
ICSA 460-31370/40	1		13:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-31370/41	1		13:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-31370/42			13:57																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 03/05/2010 09:21 End Date: 03/05/2010 16:45

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCB 460-31370/43			14:05																				
ZZZZZZ			14:11																				
ZZZZZZ			14:18																				
ZZZZZZ			14:24																				
ZZZZZZ			14:31																				
ZZZZZZ			14:38																				
ZZZZZZ			14:44																				
ZZZZZZ			14:51																				
ZZZZZZ			14:57																				
ZZZZZZ			15:04																				
ZZZZZZ			15:11																				
CCV 460-31370/54	1		15:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-31370/55	1		15:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			15:31																				
ZZZZZZ			15:38																				
MB 460-31300/1-A	1	T	15:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 460-31300/2-A	1	T	15:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-3 DU	1	T	15:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-3	1	T	16:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-3 SD	5	T	16:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-3 MS	1	T	16:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-31370/64	1		16:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-31370/65	1		16:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-31370/66	1		16:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-31370/67	1		16:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 03/05/2010 09:21 End Date: 03/05/2010 16:45

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			09:21																				
ZZZZZZ			09:28																				
ZZZZZZ			09:35																				
ZZZZZZ			09:41																				
ZZZZZZ			09:48																				
ICV 460-31370/6	1		09:56	X	X																		
ICB 460-31370/7	1		10:03	X	X																		
ICSA 460-31370/8			10:10																				
ICSAB 460-31370/9			10:16																				
ZZZZZZ			10:23																				
ZZZZZZ			10:30																				
ZZZZZZ			10:37																				
ZZZZZZ			10:44																				
ZZZZZZ			10:50																				
ZZZZZZ			10:57																				
ZZZZZZ			11:03																				
ZZZZZZ			11:10																				
CCV 460-31370/18			11:16																				
CCB 460-31370/19			11:24																				
ZZZZZZ			11:30																				
ZZZZZZ			11:37																				
ZZZZZZ			11:44																				
ZZZZZZ			11:50																				
ZZZZZZ			11:57																				
ZZZZZZ			12:03																				
ZZZZZZ			12:10																				
ZZZZZZ			12:16																				
ZZZZZZ			12:23																				
ZZZZZZ			12:30																				
CCV 460-31370/30			12:36																				
CCB 460-31370/31			12:43																				
ZZZZZZ			12:50																				
ZZZZZZ			12:57																				
ZZZZZZ			13:03																				
ZZZZZZ			13:10																				
ZZZZZZ			13:17																				
ZZZZZZ			13:24																				
ZZZZZZ			13:30																				
ZZZZZZ			13:37																				
ICSA 460-31370/40	1		13:43	X	X																		
ICSAB 460-31370/41	1		13:50	X	X																		
CCV 460-31370/42			13:57																				

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 03/05/2010 09:21 End Date: 03/05/2010 16:45

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
CCB 460-31370/43			14:05																				
ZZZZZZ			14:11																				
ZZZZZZ			14:18																				
ZZZZZZ			14:24																				
ZZZZZZ			14:31																				
ZZZZZZ			14:38																				
ZZZZZZ			14:44																				
ZZZZZZ			14:51																				
ZZZZZZ			14:57																				
ZZZZZZ			15:04																				
ZZZZZZ			15:11																				
CCV 460-31370/54	1		15:17	X	X																		
CCB 460-31370/55	1		15:24	X	X																		
ZZZZZZ			15:31																				
ZZZZZZ			15:38																				
MB 460-31300/1-A	1	T	15:44	X	X																		
LCS 460-31300/2-A	1	T	15:51	X	X																		
460-10889-3 DU	1	T	15:57	X	X																		
460-10889-3	1	T	16:04	X	X																		
460-10889-3 SD	5	T	16:11	X	X																		
460-10889-3 MS	1	T	16:17	X	X																		
ICSA 460-31370/64	1		16:24	X	X																		
ICSAB 460-31370/65	1		16:31	X	X																		
CCV 460-31370/66	1		16:38	X	X																		
CCB 460-31370/67	1		16:45	X	X																		

Prep Types
T = Total/NA

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 03/05/2010 17:56 End Date: 03/06/2010 03:22

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			17:56																				
ZZZZZZ			18:03																				
ZZZZZZ			18:09																				
ZZZZZZ			18:16																				
ZZZZZZ			18:23																				
ICV 460-31415/6	1		18:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-31415/7	1		18:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-31415/8			18:44																				
ICSAB 460-31415/9			18:51																				
ZZZZZZ			18:58																				
ZZZZZZ			19:05																				
ZZZZZZ			19:12																				
ZZZZZZ			19:18																				
ZZZZZZ			19:25																				
ZZZZZZ			19:32																				
ZZZZZZ			19:38																				
ZZZZZZ			19:45																				
CCV 460-31415/18			19:51																				
CCB 460-31415/19			19:59																				
ZZZZZZ			20:05																				
ZZZZZZ			20:12																				
ZZZZZZ			20:18																				
ZZZZZZ			20:25																				
ZZZZZZ			20:31																				
ZZZZZZ			20:38																				
ZZZZZZ			20:45																				
ZZZZZZ			20:51																				
ZZZZZZ			20:58																				
ZZZZZZ			21:05																				
CCV 460-31415/30			21:11																				
CCB 460-31415/31			21:19																				
ZZZZZZ			21:25																				
ZZZZZZ			21:32																				
ZZZZZZ			21:38																				
ZZZZZZ			21:45																				
ZZZZZZ			21:52																				
ZZZZZZ			21:58																				
ZZZZZZ			22:05																				
ZZZZZZ			22:12																				
ICSA 460-31415/40	1		22:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-31415/41	1		22:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-31415/42			22:32																				

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 03/05/2010 17:56 End Date: 03/06/2010 03:22

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCB 460-31415/43			22:39																				
ZZZZZZ			22:46																				
ZZZZZZ			22:53																				
ZZZZZZ			23:00																				
ZZZZZZ			23:06																				
ZZZZZZ			23:13																				
ZZZZZZ			23:20																				
ZZZZZZ			23:26																				
ZZZZZZ			23:33																				
ZZZZZZ			23:40																				
ZZZZZZ			23:47																				
CCV 460-31415/54			23:53																				
CCB 460-31415/55			00:01																				
ZZZZZZ			00:07																				
ZZZZZZ			00:14																				
ZZZZZZ			00:21																				
ZZZZZZ			00:27																				
ZZZZZZ			00:34																				
ZZZZZZ			00:41																				
ZZZZZZ			00:48																				
ZZZZZZ			00:54																				
ZZZZZZ			01:01																				
ZZZZZZ			01:07																				
CCV 460-31415/66	1		01:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-31415/67	1		01:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			01:28																				
ZZZZZZ			01:34																				
ZZZZZZ			01:41																				
460-10889-1	1	T	01:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-2	1	T	01:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-4	1	T	02:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-5	1	T	02:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-6	1	T	02:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-7	1	T	02:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-8	1	T	02:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-31415/78	1		02:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-31415/79	1		02:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-9	1	T	02:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-10	1	T	02:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-31415/82	1		03:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-31415/83	1		03:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-31415/84	1		03:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 03/05/2010 17:56 End Date: 03/06/2010 03:22

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCB 460-31415/85	1		03:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 03/05/2010 17:56 End Date: 03/06/2010 03:22

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			17:56																				
ZZZZZZ			18:03																				
ZZZZZZ			18:09																				
ZZZZZZ			18:16																				
ZZZZZZ			18:23																				
ICV 460-31415/6	1		18:30	X	X																		
ICB 460-31415/7	1		18:38	X	X																		
ICSA 460-31415/8			18:44																				
ICSAB 460-31415/9			18:51																				
ZZZZZZ			18:58																				
ZZZZZZ			19:05																				
ZZZZZZ			19:12																				
ZZZZZZ			19:18																				
ZZZZZZ			19:25																				
ZZZZZZ			19:32																				
ZZZZZZ			19:38																				
ZZZZZZ			19:45																				
CCV 460-31415/18			19:51																				
CCB 460-31415/19			19:59																				
ZZZZZZ			20:05																				
ZZZZZZ			20:12																				
ZZZZZZ			20:18																				
ZZZZZZ			20:25																				
ZZZZZZ			20:31																				
ZZZZZZ			20:38																				
ZZZZZZ			20:45																				
ZZZZZZ			20:51																				
ZZZZZZ			20:58																				
ZZZZZZ			21:05																				
CCV 460-31415/30			21:11																				
CCB 460-31415/31			21:19																				
ZZZZZZ			21:25																				
ZZZZZZ			21:32																				
ZZZZZZ			21:38																				
ZZZZZZ			21:45																				
ZZZZZZ			21:52																				
ZZZZZZ			21:58																				
ZZZZZZ			22:05																				
ZZZZZZ			22:12																				
ICSA 460-31415/40	1		22:18	X	X																		
ICSAB 460-31415/41	1		22:25	X	X																		
CCV 460-31415/42			22:32																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 03/05/2010 17:56 End Date: 03/06/2010 03:22

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
CCB 460-31415/43			22:39																				
ZZZZZZ			22:46																				
ZZZZZZ			22:53																				
ZZZZZZ			23:00																				
ZZZZZZ			23:06																				
ZZZZZZ			23:13																				
ZZZZZZ			23:20																				
ZZZZZZ			23:26																				
ZZZZZZ			23:33																				
ZZZZZZ			23:40																				
ZZZZZZ			23:47																				
CCV 460-31415/54			23:53																				
CCB 460-31415/55			00:01																				
ZZZZZZ			00:07																				
ZZZZZZ			00:14																				
ZZZZZZ			00:21																				
ZZZZZZ			00:27																				
ZZZZZZ			00:34																				
ZZZZZZ			00:41																				
ZZZZZZ			00:48																				
ZZZZZZ			00:54																				
ZZZZZZ			01:01																				
ZZZZZZ			01:07																				
CCV 460-31415/66	1		01:14	X	X																		
CCB 460-31415/67	1		01:21	X	X																		
ZZZZZZ			01:28																				
ZZZZZZ			01:34																				
ZZZZZZ			01:41																				
460-10889-1	1	T	01:48	X	X																		
460-10889-2	1	T	01:54	X	X																		
460-10889-4	1	T	02:01	X	X																		
460-10889-5	1	T	02:08	X	X																		
460-10889-6	1	T	02:14	X	X																		
460-10889-7	1	T	02:21	X	X																		
460-10889-8	1	T	02:28	X	X																		
CCV 460-31415/78	1		02:34	X	X																		
CCB 460-31415/79	1		02:41	X	X																		
460-10889-9	1	T	02:48	X	X																		
460-10889-10	1	T	02:54	X	X																		
ICSA 460-31415/82	1		03:01	X	X																		
ICSAB 460-31415/83	1		03:08	X	X																		
CCV 460-31415/84	1		03:15	X	X																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 03/05/2010 17:56 End Date: 03/06/2010 03:22

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
CCB 460-31415/85	1		03:22	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 03/09/2010 15:42 End Date: 03/09/2010 23:32

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			15:42																				
ZZZZZZ			15:48																				
ZZZZZZ			15:55																				
ZZZZZZ			16:01																				
ZZZZZZ			16:09																				
ICV 460-31640/6	1		16:16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-31640/7	1		16:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-31640/8	1		16:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-31640/9	1		16:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			16:44																				
MB 460-31540/1-A	1	T	16:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 460-31540/2-A	1	T	16:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-11019-D-1-B DU	1	T	17:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			17:10																				
460-11019-D-1-A SD ^5	5	T	17:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-11019-D-1-C MS	1	T	17:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			17:30																				
CCV 460-31640/18	1		17:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-31640/19	1		17:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			17:50																				
ZZZZZZ			17:57																				
ZZZZZZ			18:04																				
ZZZZZZ			18:10																				
460-10889-11	1	T	18:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-12	1	T	18:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-13	1	T	18:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-14	1	T	18:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-15	1	T	18:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-16	1	T	18:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-31640/30	1		18:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-31640/31	1		19:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-17	1	T	19:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			19:17																				
ZZZZZZ			19:24																				
ZZZZZZ			19:30																				
ZZZZZZ			19:37																				
ZZZZZZ			19:44																				
ZZZZZZ			19:50																				
ZZZZZZ			19:57																				
ICSA 460-31640/40	1		20:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-31640/41	1		20:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-31640/42	1		20:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 03/09/2010 15:42 End Date: 03/09/2010 23:32

Lab Sample ID	D / F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCB 460-31640/43	1		20:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			20:31																				
ZZZZZZ			20:37																				
ZZZZZZ			20:44																				
ZZZZZZ			20:51																				
ZZZZZZ			20:57																				
ZZZZZZ			21:04																				
ZZZZZZ			21:10																				
ZZZZZZ			21:17																				
ZZZZZZ			21:24																				
ZZZZZZ			21:30																				
CCV 460-31640/54			21:37																				
CCB 460-31640/55			21:44																				
ZZZZZZ			21:51																				
ZZZZZZ			21:57																				
ZZZZZZ			22:04																				
ZZZZZZ			22:11																				
ZZZZZZ			22:17																				
ZZZZZZ			22:24																				
ZZZZZZ			22:30																				
ZZZZZZ			22:37																				
ZZZZZZ			22:44																				
ZZZZZZ			22:51																				
CCV 460-31640/66			22:57																				
CCB 460-31640/67			23:04																				
ICSA 460-31640/68			23:11																				
ICSAB 460-31640/69			23:18																				
CCV 460-31640/70			23:25																				
CCB 460-31640/71			23:32																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 03/09/2010 15:42 End Date: 03/09/2010 23:32

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			15:42																				
ZZZZZZ			15:48																				
ZZZZZZ			15:55																				
ZZZZZZ			16:01																				
ZZZZZZ			16:09																				
ICV 460-31640/6	1		16:16	X	X																		
ICB 460-31640/7	1		16:23	X	X																		
ICSA 460-31640/8	1		16:30	X	X																		
ICSAB 460-31640/9	1		16:37	X	X																		
ZZZZZZ			16:44																				
MB 460-31540/1-A	1	T	16:51	X	X																		
LCS 460-31540/2-A	1	T	16:57	X	X																		
460-11019-D-1-B DU	1	T	17:04	X	X																		
ZZZZZZ			17:10																				
460-11019-D-1-A SD ^5	5	T	17:17	X	X																		
460-11019-D-1-C MS	1	T	17:24	X	X																		
ZZZZZZ			17:30																				
CCV 460-31640/18	1		17:37	X	X																		
CCB 460-31640/19	1		17:44	X	X																		
ZZZZZZ			17:50																				
ZZZZZZ			17:57																				
ZZZZZZ			18:04																				
ZZZZZZ			18:10																				
460-10889-11	1	T	18:17	X	X																		
460-10889-12	1	T	18:24	X	X																		
460-10889-13	1	T	18:30	X	X																		
460-10889-14	1	T	18:37	X	X																		
460-10889-15	1	T	18:44	X	X																		
460-10889-16	1	T	18:50	X	X																		
CCV 460-31640/30	1		18:57	X	X																		
CCB 460-31640/31	1		19:04	X	X																		
460-10889-17	1	T	19:11	X	X																		
ZZZZZZ			19:17																				
ZZZZZZ			19:24																				
ZZZZZZ			19:30																				
ZZZZZZ			19:37																				
ZZZZZZ			19:44																				
ZZZZZZ			19:50																				
ZZZZZZ			19:57																				
ICSA 460-31640/40	1		20:03	X	X																		
ICSAB 460-31640/41	1		20:10	X	X																		
CCV 460-31640/42	1		20:17	X	X																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 03/09/2010 15:42 End Date: 03/09/2010 23:32

Lab Sample ID	D / F	Type	Time	Analytes																				
				V	Zn																			
CCB 460-31640/43	1		20:24	X	X																			
ZZZZZZ			20:31																					
ZZZZZZ			20:37																					
ZZZZZZ			20:44																					
ZZZZZZ			20:51																					
ZZZZZZ			20:57																					
ZZZZZZ			21:04																					
ZZZZZZ			21:10																					
ZZZZZZ			21:17																					
ZZZZZZ			21:24																					
ZZZZZZ			21:30																					
CCV 460-31640/54			21:37																					
CCB 460-31640/55			21:44																					
ZZZZZZ			21:51																					
ZZZZZZ			21:57																					
ZZZZZZ			22:04																					
ZZZZZZ			22:11																					
ZZZZZZ			22:17																					
ZZZZZZ			22:24																					
ZZZZZZ			22:30																					
ZZZZZZ			22:37																					
ZZZZZZ			22:44																					
ZZZZZZ			22:51																					
CCV 460-31640/66			22:57																					
CCB 460-31640/67			23:04																					
ICSA 460-31640/68			23:11																					
ICSAB 460-31640/69			23:18																					
CCV 460-31640/70			23:25																					
CCB 460-31640/71			23:32																					

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 03/10/2010 14:35 End Date: 03/10/2010 20:07

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			14:35																				
ZZZZZZ			14:41																				
ZZZZZZ			14:48																				
ZZZZZZ			14:55																				
ZZZZZZ			15:02																				
ICV 460-31742/6	1		15:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-31742/7	1		15:16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-31742/8	1		15:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-31742/9	1		15:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			15:37																				
MB 460-31650/1-A	1	T	15:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 460-31650/2-A	1	T	15:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-18 DU	1	T	15:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-18	1	T	16:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-18 SD	5	T	16:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-18 MS	1	T	16:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-19	1	T	16:24	X	X	X	X	X	X	X	X	X	X		X	X		X	X	X	X	X	X
CCV 460-31742/18	1		16:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-31742/19	1		16:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-19	3	T	16:45											X			X						
460-10889-20	1	T	16:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-10889-21	1	T	16:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			17:04																				
ZZZZZZ			17:11																				
ZZZZZZ			17:18																				
ZZZZZZ			17:25																				
ZZZZZZ			17:31																				
ZZZZZZ			17:38																				
ZZZZZZ			17:45																				
CCV 460-31742/30	1		17:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-31742/31	1		17:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:05																				
ZZZZZZ			18:12																				
ZZZZZZ			18:18																				
ZZZZZZ			18:25																				
ZZZZZZ			18:32																				
ZZZZZZ			18:38																				
ZZZZZZ			18:45																				
ZZZZZZ			18:52																				
ZZZZZZ			18:59																				
ZZZZZZ			19:05																				
CCV 460-31742/42			19:12																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 03/10/2010 14:35 End Date: 03/10/2010 20:07

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCB 460-31742/43			19:19																				
ZZZZZZ			19:26																				
ZZZZZZ			19:32																				
ZZZZZZ			19:39																				
ICSA 460-31742/47	1		19:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-31742/48	1		19:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-31742/49			20:00																				
CCB 460-31742/50			20:07																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 03/10/2010 14:35 End Date: 03/10/2010 20:07

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			14:35																				
ZZZZZZ			14:41																				
ZZZZZZ			14:48																				
ZZZZZZ			14:55																				
ZZZZZZ			15:02																				
ICV 460-31742/6	1		15:09	X	X																		
ICB 460-31742/7	1		15:16	X	X																		
ICSA 460-31742/8	1		15:23	X	X																		
ICSAB 460-31742/9	1		15:30	X	X																		
ZZZZZZ			15:37																				
MB 460-31650/1-A	1	T	15:44	X	X																		
LCS 460-31650/2-A	1	T	15:51	X	X																		
460-10889-18 DU	1	T	15:57	X	X																		
460-10889-18	1	T	16:04	X	X																		
460-10889-18 SD	5	T	16:10	X	X																		
460-10889-18 MS	1	T	16:17	X	X																		
460-10889-19	1	T	16:24	X	X																		
CCV 460-31742/18	1		16:31	X	X																		
CCB 460-31742/19	1		16:38	X	X																		
460-10889-19	3	T	16:45																				
460-10889-20	1	T	16:51	X	X																		
460-10889-21	1	T	16:58	X	X																		
ZZZZZZ			17:04																				
ZZZZZZ			17:11																				
ZZZZZZ			17:18																				
ZZZZZZ			17:25																				
ZZZZZZ			17:31																				
ZZZZZZ			17:38																				
ZZZZZZ			17:45																				
CCV 460-31742/30	1		17:51	X	X																		
CCB 460-31742/31	1		17:58	X	X																		
ZZZZZZ			18:05																				
ZZZZZZ			18:12																				
ZZZZZZ			18:18																				
ZZZZZZ			18:25																				
ZZZZZZ			18:32																				
ZZZZZZ			18:38																				
ZZZZZZ			18:45																				
ZZZZZZ			18:52																				
ZZZZZZ			18:59																				
ZZZZZZ			19:05																				
CCV 460-31742/42			19:12																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 03/10/2010 14:35 End Date: 03/10/2010 20:07

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
CCB 460-31742/43			19:19																				
ZZZZZZ			19:26																				
ZZZZZZ			19:32																				
ZZZZZZ			19:39																				
ICSA 460-31742/47	1		19:46	X	X																		
ICSAB 460-31742/48	1		19:53	X	X																		
CCV 460-31742/49			20:00																				
CCB 460-31742/50			20:07																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 03/05/2010 09:53 End Date: 03/05/2010 12:44

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
IC 460-31286/1-A			09:53	X																			
IC 460-31286/2-A			09:55	X																			
IC 460-31286/3-A			09:57	X																			
IC 460-31286/4-A			09:59	X																			
IC 460-31286/5-A			10:00	X																			
IC 460-31286/6-A			10:02	X																			
ICV 460-31286/7-A	1		10:04	X																			
ICB 460-31343/8	1		10:06	X																			
ZZZZZZ			10:08																				
ZZZZZZ			10:10																				
MB 460-31286/12-A	1	T	10:12	X																			
LCS 460-31286/13-A	1	T	10:14	X																			
ZZZZZZ			10:16																				
460-10889-3DU	1	T	10:18	X																			
460-10889-3	1	T	10:20	X																			
460-10889-3 MS	1	T	10:22	X																			
ZZZZZZ			10:24																				
460-10889-1	1	T	10:26	X																			
460-10889-2	1	T	10:27	X																			
CCV 460-31286/8-A	1		10:29	X																			
CCB 460-31286/9-A	1		10:31	X																			
460-10889-4	1	T	10:33	X																			
460-10889-5	1	T	10:35	X																			
460-10889-6	1	T	10:37	X																			
460-10889-7	1	T	10:39	X																			
460-10889-8	1	T	10:41	X																			
460-10889-9	1	T	10:43	X																			
460-10889-10	1	T	10:44	X																			
460-10889-11	1	T	10:46	X																			
460-10889-12	1	T	10:48	X																			
CCV 460-31286/8-A	1		10:50	X																			
CCB 460-31286/9-A	1		10:52	X																			
460-10889-13	1	T	10:54	X																			
460-10889-14	1	T	10:56	X																			
460-10889-15	1	T	10:57	X																			
460-10889-16	1	T	11:00	X																			
460-10889-17	1	T	11:01	X																			
460-10889-18	1	T	11:03	X																			
460-10889-19	1	T	11:05	X																			
460-10889-3 SD	5	T	11:07	X																			
CCV 460-31286/8-A	1		11:08	X																			
CCB 460-31286/9-A	1		11:10	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 03/05/2010 09:53 End Date: 03/05/2010 12:44

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
MB 460-31289/11-A	1	T	11:12	X																			
LCS 460-31289/12-A	1	T	11:14	X																			
ZZZZZZ			11:16																				
460-10889-20	1	T	11:19	X																			
460-10889-20 DU	1	T	11:20	X																			
460-10889-20 MS	1	T	11:22	X																			
460-10889-21	1	T	11:25	X																			
ZZZZZZ			11:27																				
ZZZZZZ			11:29																				
ZZZZZZ			11:31																				
CCV 460-31286/8-A	1		11:33	X																			
CCB 460-31286/9-A	1		11:35	X																			
ZZZZZZ			11:37																				
ZZZZZZ			11:39																				
ZZZZZZ			11:41																				
ZZZZZZ			11:43																				
ZZZZZZ			11:45																				
ZZZZZZ			11:47																				
ZZZZZZ			11:51																				
ZZZZZZ			11:53																				
ZZZZZZ			11:54																				
ZZZZZZ			11:56																				
ZZZZZZ			11:58																				
CCV 460-31286/8-A	1		12:00	X																			
CCB 460-31286/9-A	1		12:02	X																			
ZZZZZZ			12:03																				
ZZZZZZ			12:05																				
ZZZZZZ			12:08																				
460-10889-20 SD	1	T	12:10	X																			
CCV 460-31286/8-A	1		12:12	X																			
CCB 460-31286/9-A	1		12:14	X																			
ZZZZZZ			12:16																				
ZZZZZZ			12:18																				
ZZZZZZ			12:20																				
ZZZZZZ			12:22																				
ZZZZZZ			12:24																				
ZZZZZZ			12:26																				
ZZZZZZ			12:28																				
ZZZZZZ			12:29																				
ZZZZZZ			12:32																				
ZZZZZZ			12:35																				
CCV 460-31286/8-A			12:37																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-10889-1

SDG No.:

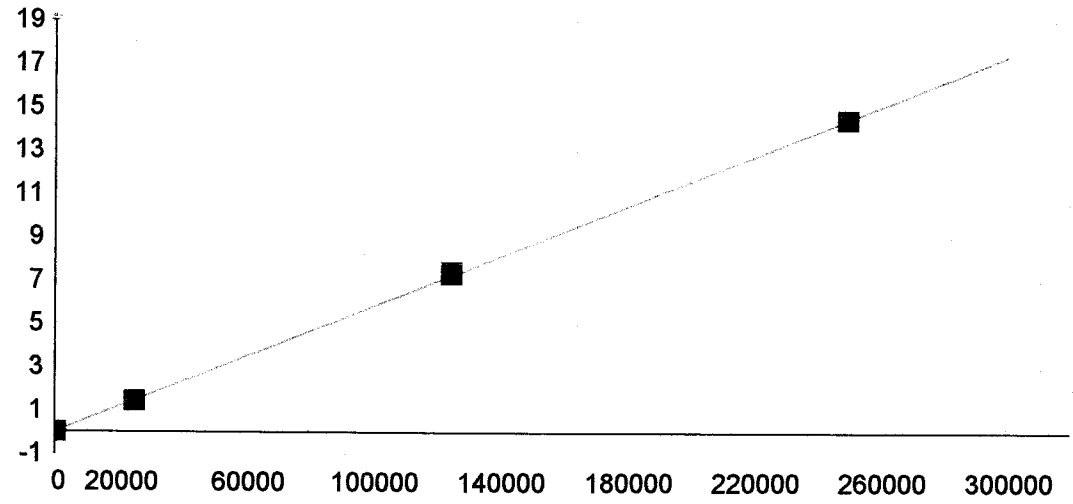
Instrument ID: LEEMAN5 Method: 7470A

Start Date: 03/05/2010 09:53 End Date: 03/05/2010 12:44

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
CCB 460-31286/9-A			12:38																				
ZZZZZZ			12:40																				
CCV 460-31286/8-A			12:42																				
CCB 460-31286/9-A			12:44																				

Prep Types

T = Total/NA

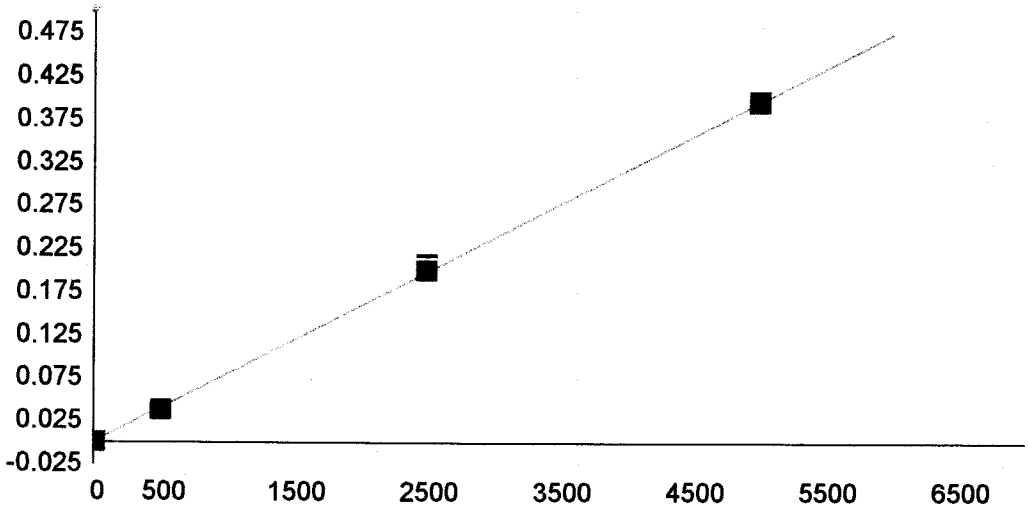


Al 396.152 { 85}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001629	Re-Slope:	1.000000
A1 (Gain):	0.000058	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999976	Status:	OK.
Std Error of Est:	0.000146		
Predicted MDL:	8.925360		
Predicted MQL:	29.751200		

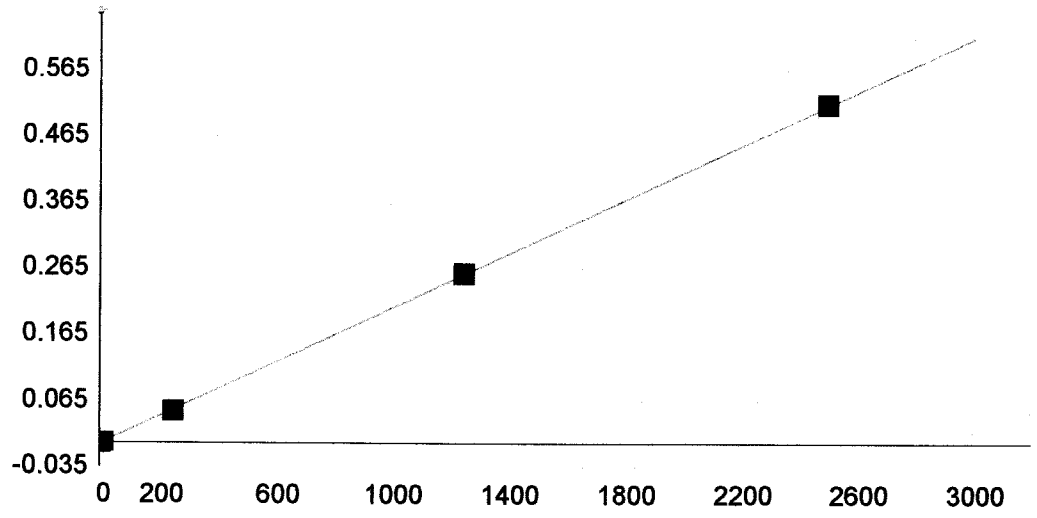
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01500	-.015	.000	-.00163	.001	1
DCAL1	200.00	217.20	17.2	8.60	.01094	.000	1
DCAL2	25000.	24579.	-421.	-1.68	1.4206	.002	1
DCAL3	125000.	126060.	1060.	.845	7.2924	.091	1
DCAL4	250000.	249350.	-652.	-.261	14.427	.011	1



As 189.042 {478}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000117		Re-Slope:	1.000000	
A1 (Gain):	0.000079		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999869		Status:	OK.	
Std Error of Est:	0.000010				
Predicted MDL:	0.972601				
Predicted MQL:	3.242002				

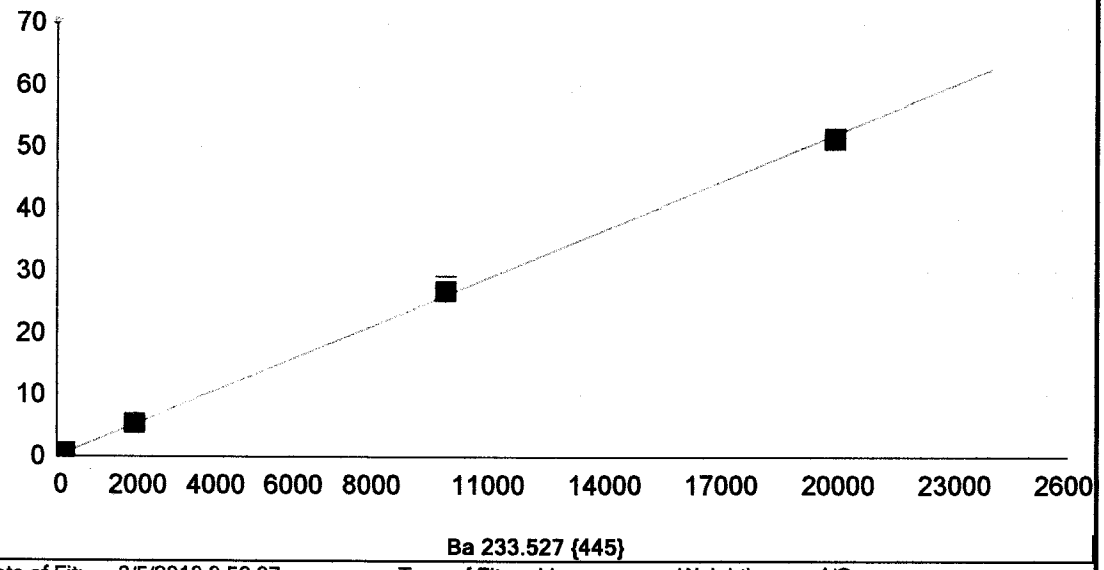
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00009	.000	.000	-.00012	.000	1
DCAL1	5.0000	5.3215	.322	6.43	.00030	.000	1
DCAL2	500.00	471.03	-29.0	-5.79	.03664	.000	1
DCAL3	2500.0	2529.4	29.4	1.18	.19744	.007	1
DCAL4	5000.0	4999.3	-.741	-.015	.39029	.002	1



Ag 328.068 {103}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.001153		Re-Slope:	1.000000	
A1 (Gain):	0.000205		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999940		Status:	OK.	
Std Error of Est:	0.000018				
Predicted MDL:	0.353624				
Predicted MQL:	1.178748				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00039	.000	.000	-.00115	.000	1
DCAL1	10.000	9.9745	-.025	-.255	.00088	.000	1
DCAL2	250.00	239.51	-10.5	-4.19	.04704	.000	1
DCAL3	1250.0	1254.0	3.98	.318	.25134	.000	1
DCAL4	2500.0	2506.5	6.53	.261	.50354	.001	1

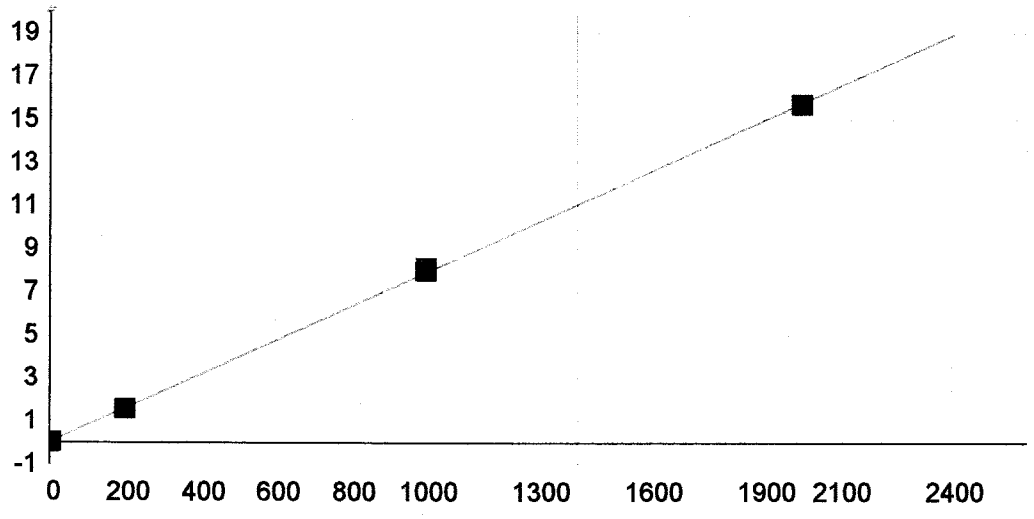


Ba 233.527 {445}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002180	Re-Slope:	1.000000
A1 (Gain):	0.002607	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999787	Status:	OK.
Std Error of Est:	0.005568		
Predicted MDL:	0.071222		
Predicted MQL:	0.237407		

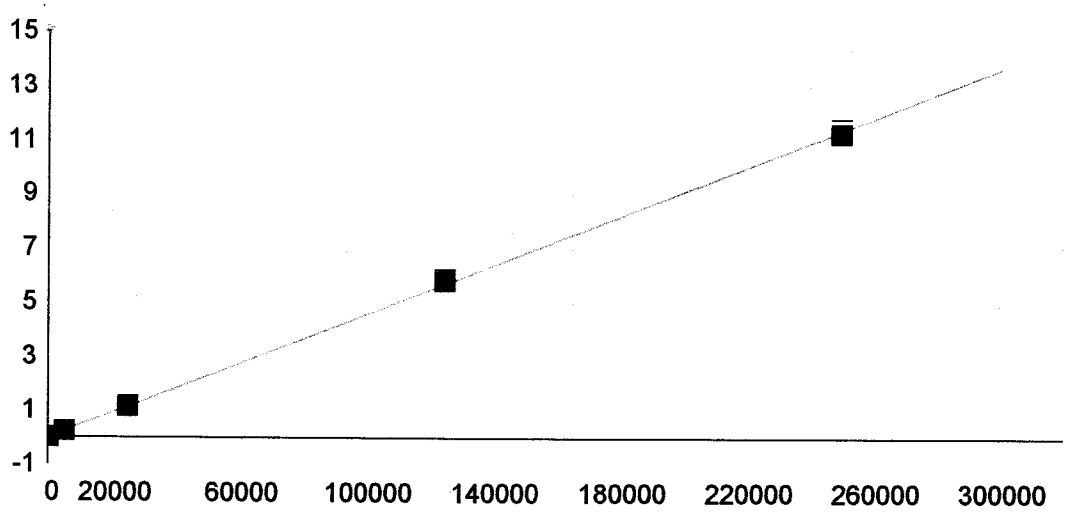
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.02407	-.024	.000	.00212	.000	1
DCAL1	200.00	218.85	18.9	9.43	.57199	.014	1
DCAL2	2000.0	2031.4	31.4	1.57	5.2907	.010	1
DCAL3	10000.	10258.	258.	2.58	26.709	.869	1
DCAL4	20000.	19691.	-309.	-1.54	51.264	.202	1



Be 313.042 {108}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000610		Re-Slope:	1.000000	
A1 (Gain):	0.007874		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999965		Status:	OK.	
Std Error of Est:	0.000215				
Predicted MDL:	0.042357				
Predicted MQL:	0.141190				

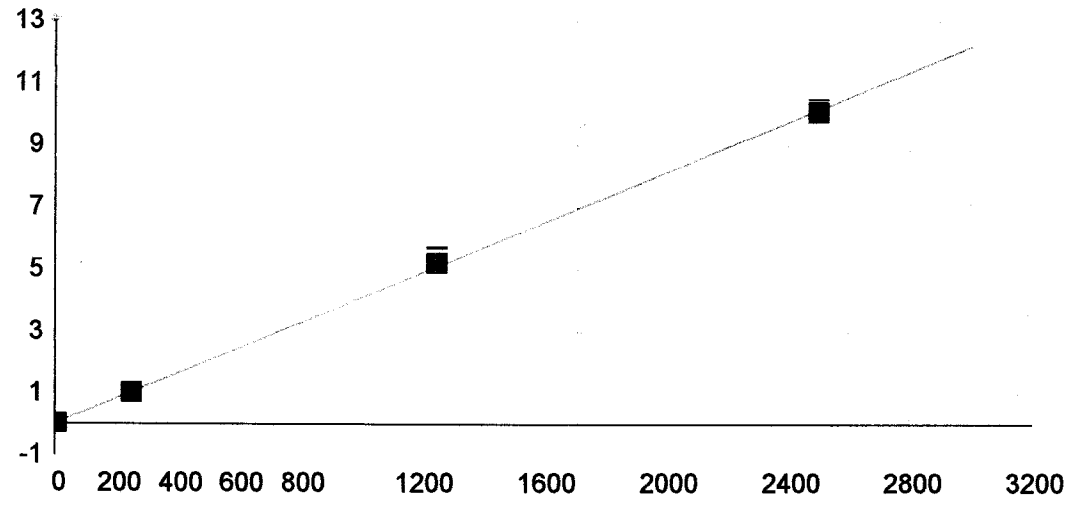
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00000	.000	.000	-.00061	.000	1
DCAL1	2.0000	2.0161	.016	.806	.01539	.000	1
DCAL2	200.00	197.01	-2.99	-1.49	1.5475	.001	1
DCAL3	1000.0	1011.8	11.8	1.18	7.9507	.096	1
DCAL4	2000.0	1991.1	-8.87	-.444	15.646	.021	1



Ca 422.673 { 80}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.009467		Re-Slope:	1.000000	
A1 (Gain):	0.000046		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999911		Status:	OK.	
Std Error of Est:	0.001117				
Predicted MDL:	10.520757				
Predicted MQL:	35.069190				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.06479	-.065	.000	-.00947	.001	1
DCAL1	5000.0	4982.3	-17.7	-.354	.21728	.000	1
DCAL2	25000.	25193.	193.	.771	1.1371	.001	1
DCAL3	125000.	127370.	2370.	1.90	5.7871	.063	1
DCAL4	250000.	247450.	-2550.	-1.02	11.252	.181	1

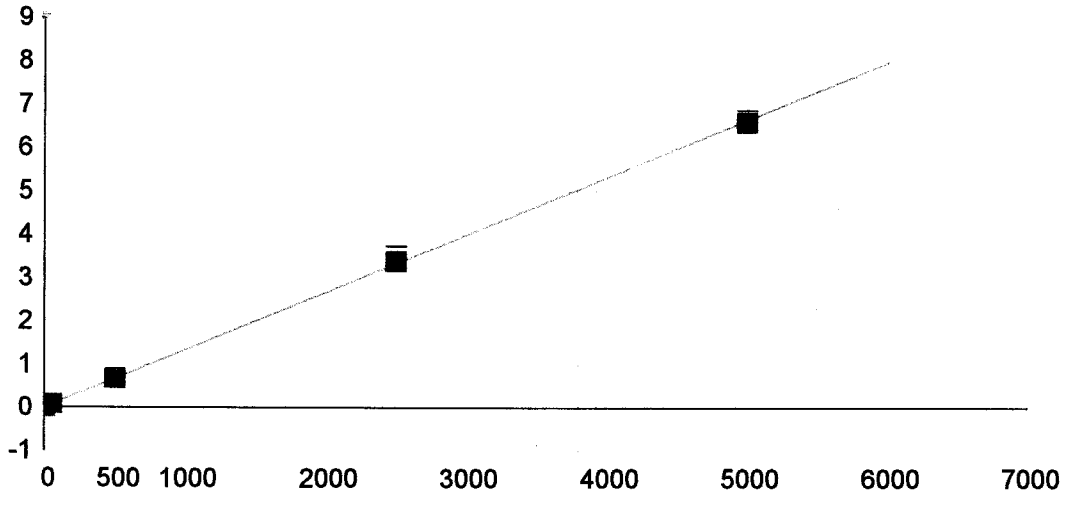


Cd 226.502 {449}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000639	Re-Slope:	1.000000
A1 (Gain):	0.004058	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999889	Status:	OK.
Std Error of Est:	0.000315		
Predicted MDL:	0.045271		
Predicted MQL:	0.150904		

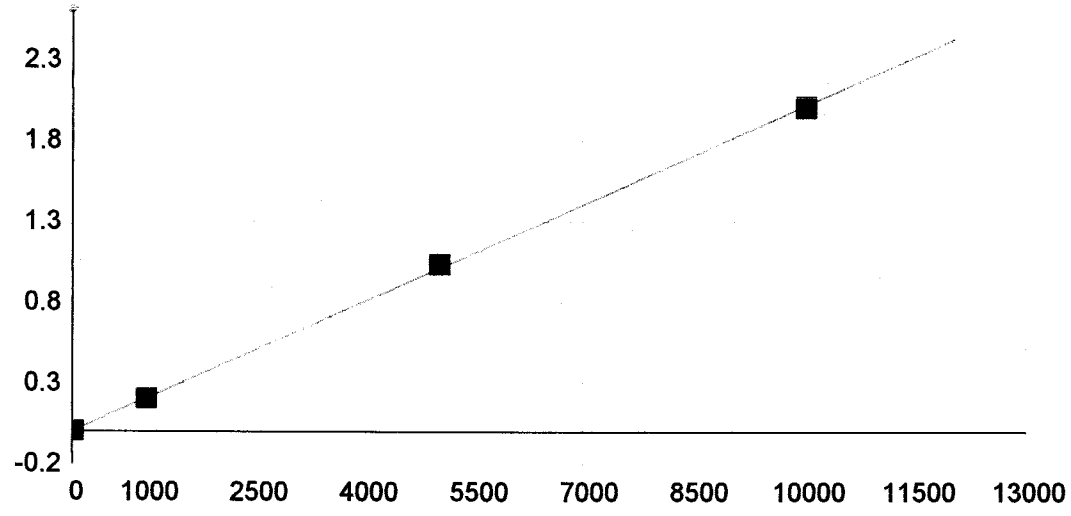
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00026	.000	.000	-.00064	.000	1
DCAL1	4.0000	4.2737	.274	6.84	.01675	.000	1
DCAL2	250.00	246.13	-3.87	-1.55	1.0047	.002	1
DCAL3	1250.0	1277.4	27.4	2.19	5.2156	.171	1
DCAL4	2500.0	2476.2	-23.8	-.951	10.113	.039	1



Co 228.616 {447}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000616		Re-Slope:	1.000000	
A1 (Gain):	0.001329		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999910		Status:	OK.	
Std Error of Est:	0.000465				
Predicted MDL:	0.131266				
Predicted MQL:	0.437552				

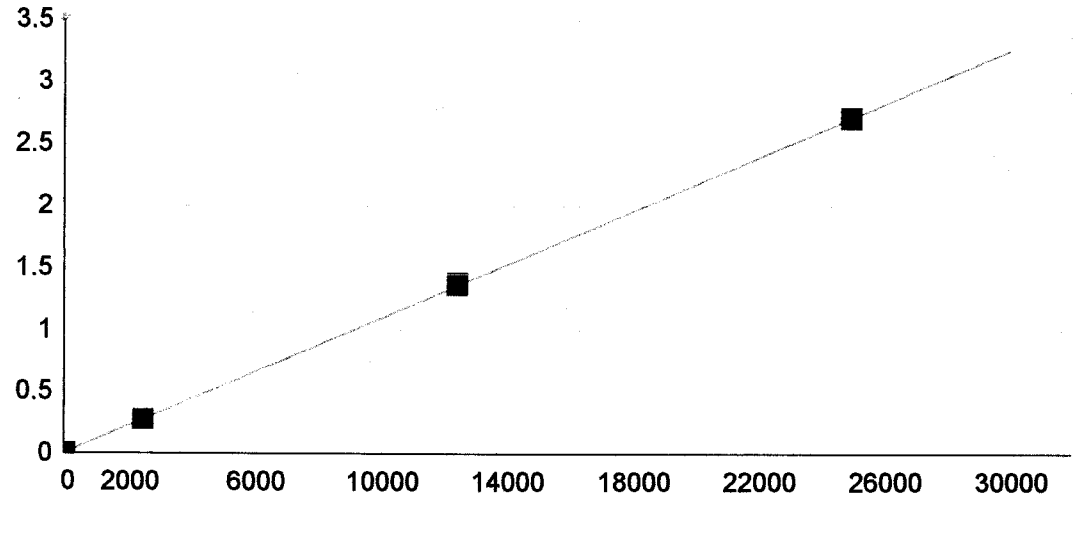
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00412	-.004	.000	-.00062	.000	1
DCAL1	50.000	53.501	3.50	7.00	.07045	.002	1
DCAL2	500.00	502.48	2.48	.497	.67061	.001	1
DCAL3	2500.0	2542.9	42.9	1.72	3.3960	.110	1
DCAL4	5000.0	4951.1	-48.9	-.977	6.6137	.022	1



Cr 267.716 {126}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000008		Re-Slope:	1.000000	
A1 (Gain):	0.000202		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999897		Status:	OK.	
Std Error of Est:	0.000047				
Predicted MDL:	0.244510				
Predicted MQL:	0.815032				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00067	-.001	.000	.00001	.000	1
DCAL1	10.000	10.736	.736	7.36	.00218	.000	1
DCAL2	1000.0	981.37	-18.6	-1.86	.19846	.000	1
DCAL3	5000.0	5104.1	104.	2.08	1.0321	.002	1
DCAL4	10000.	9913.8	-86.2	-.862	2.0048	.003	1

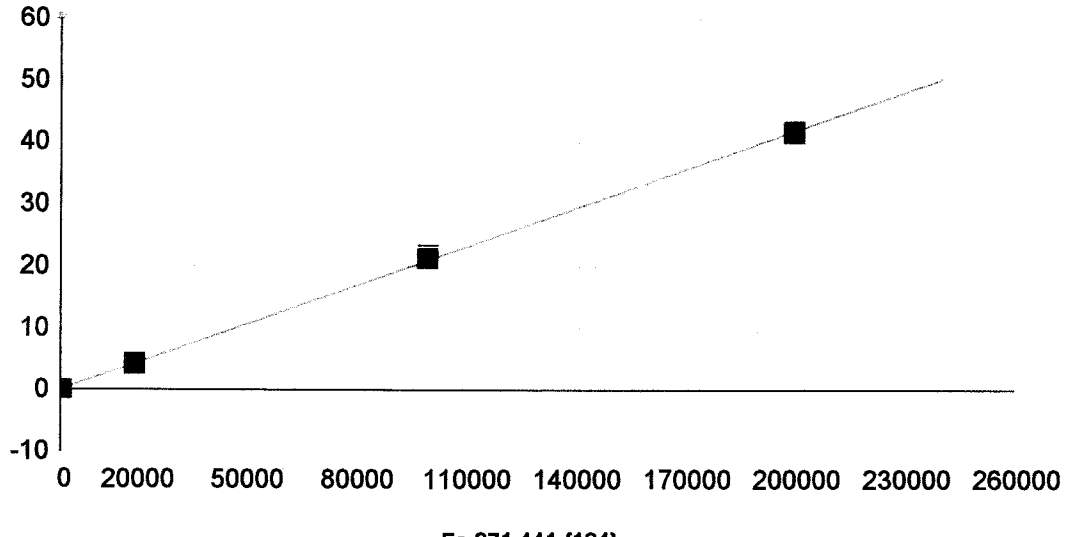


Cu 324.754 {104}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000416	Re-Slope:	1.000000
A1 (Gain):	0.000108	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999993	Status:	OK.
Std Error of Est:	0.000016		
Predicted MDL:	2.660862		
Predicted MQL:	8.869541		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00258	-.003	.000	.00042	.000	1
DCAL1	25.000	27.697	2.70	10.8	.00342	.000	1
DCAL2	2500.0	2483.5	-16.5	-.661	.26896	.001	1
DCAL3	12500.	12536.	35.6	.285	1.3559	.017	1
DCAL4	25000.	24978.	-21.8	-.087	2.7014	.002	1

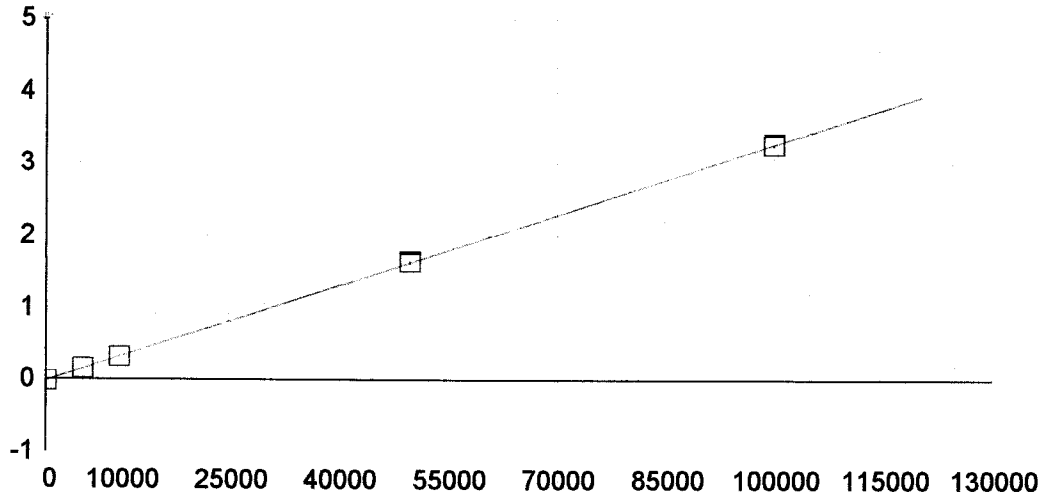


Fe 271.441 {124}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000414	Re-Slope:	1.000000
A1 (Gain):	0.000209	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999948	Status:	OK.
Std Error of Est:	0.000605		
Predicted MDL:	4.773209		
Predicted MQL:	15.910697		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01082	-.011	.000	.00041	.001	1
DCAL1	150.00	160.74	10.7	7.16	.03466	.001	1
DCAL2	20000.	19846.	-154.	-.769	4.1523	.010	1
DCAL3	100000.	101500.	1500.	1.50	21.234	.548	1
DCAL4	200000.	198640.	-1360.	-.678	41.558	.118	1

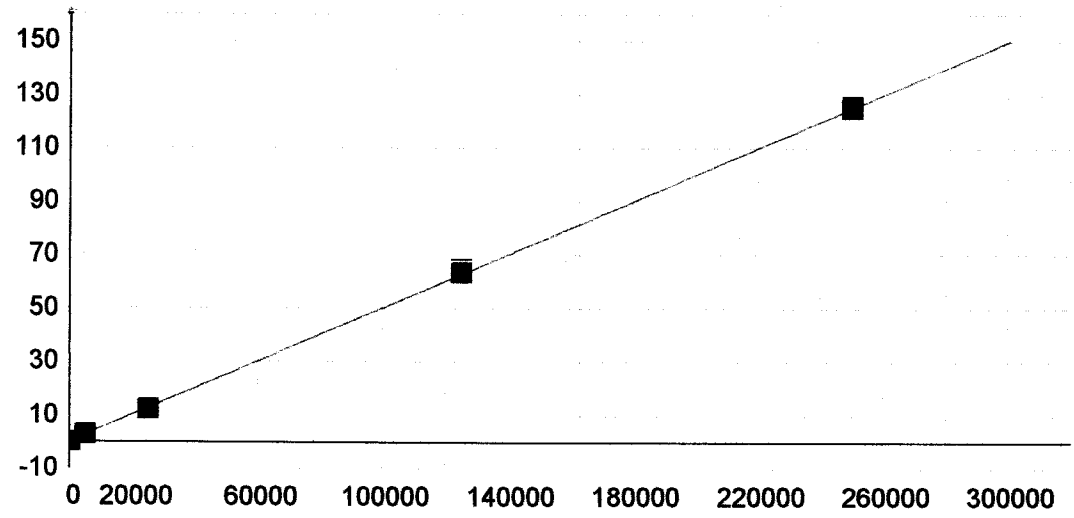


K 766.490 { 44}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.020010	Re-Slope:	1.000000
A1 (Gain):	0.000033	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999995	Status:	OK.
Std Error of Est:	0.000127		
Predicted MDL:	33.879306		
Predicted MQL:	112.931019		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.02947	.029	.000	-.02001	.000	1
DCAL1	5000.0	5012.9	12.9	.259	.14480	.001	1
DCAL2	10000.	9889.7	-110.	-1.10	.30513	.001	1
DCAL3	50000.	50157.	157.	.315	1.6290	.015	1
DCAL4	100000.	99940.	-60.1	-.060	3.2657	.009	1

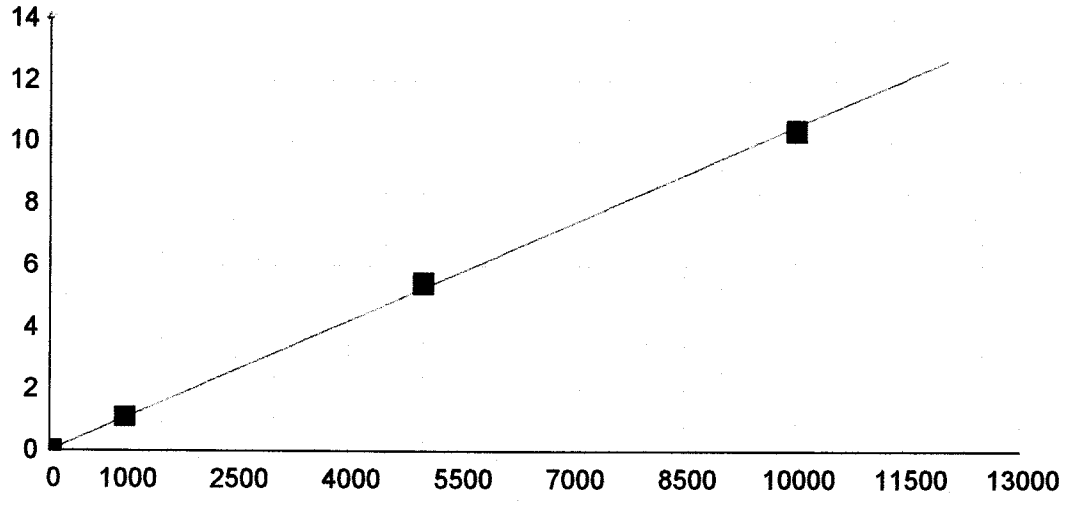


Mg 279.079 {121}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002078	Re-Slope:	1.000000
A1 (Gain):	0.000500	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999947	Status:	OK.
Std Error of Est:	0.009421		
Predicted MDL:	1.944810		
Predicted MQL:	6.482699		

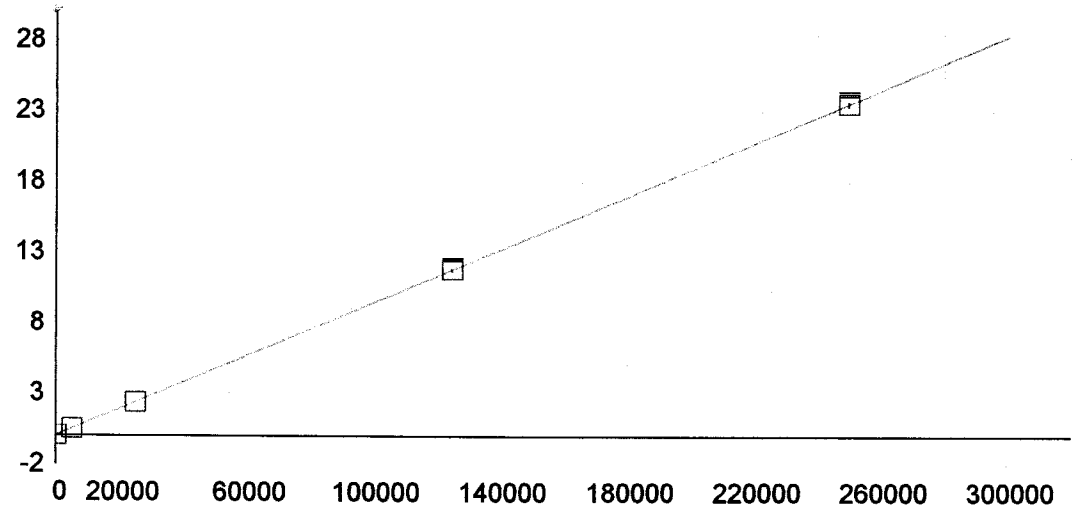
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00966	.010	.000	-.00207	.001	1
DCAL1	5000.0	5115.9	116.	2.32	2.5565	.042	1
DCAL2	25000.	24179.	-821.	-3.28	12.089	.023	1
DCAL3	125000.	126220.	1220.	.977	63.114	1.35	1
DCAL4	250000.	249480.	-517.	-.207	124.75	.681	1



Mn 257.610 {131}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000056		Re-Slope:	1.000000	
A1 (Gain):	0.001052		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999731		Status:	OK.	
Std Error of Est:	0.000487				
Predicted MDL:	0.039001				
Predicted MQL:	0.130002				

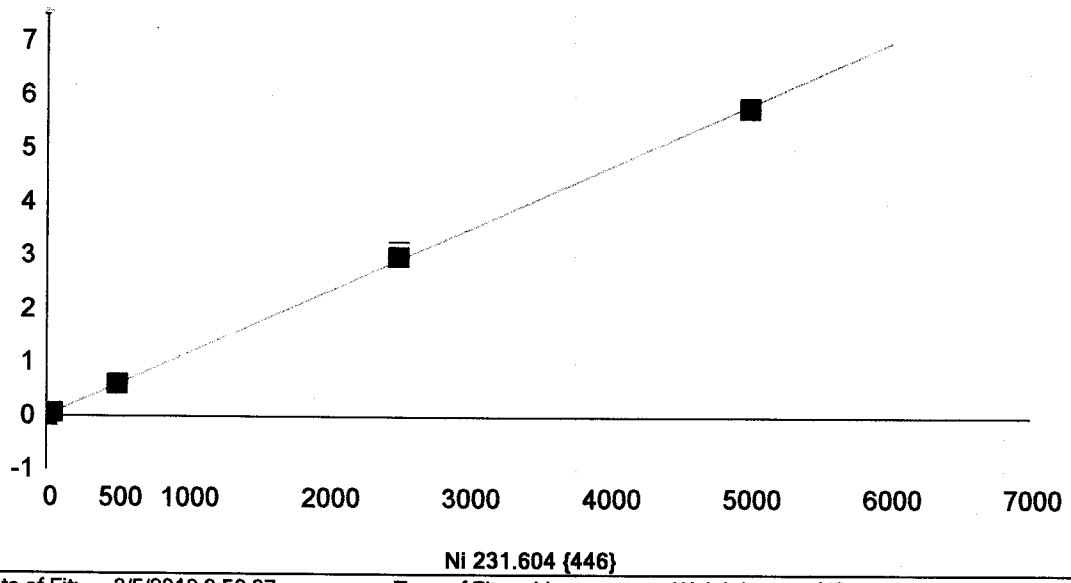
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00177	-.002	.000	.00005	.000	1
DCAL1	15.000	16.021	1.02	6.81	.01699	.000	1
DCAL2	1000.0	1040.7	40.7	4.07	1.0936	.001	1
DCAL3	5000.0	5136.2	136.	2.72	5.3974	.029	1
DCAL4	10000.	9822.1	-178.	-1.78	10.321	.049	1



Na 589.592 { 57}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.005561		Re-Slope:	1.000000	
A1 (Gain):	0.000094		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999995		Status:	OK.	
Std Error of Est:	0.000520				
Predicted MDL:	9.530228				
Predicted MQL:	31.767427				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.13280	-.133	.000	-.00557	.001	1
DCAL1	5000.0	5132.0	132.	2.64	.47806	.000	1
DCAL2	25000.	25014.	14.3	.057	2.3517	.001	1
DCAL3	125000.	125040.	41.7	.033	11.778	.082	1
DCAL4	250000.	249810.	-188.	-.075	23.536	.149	1

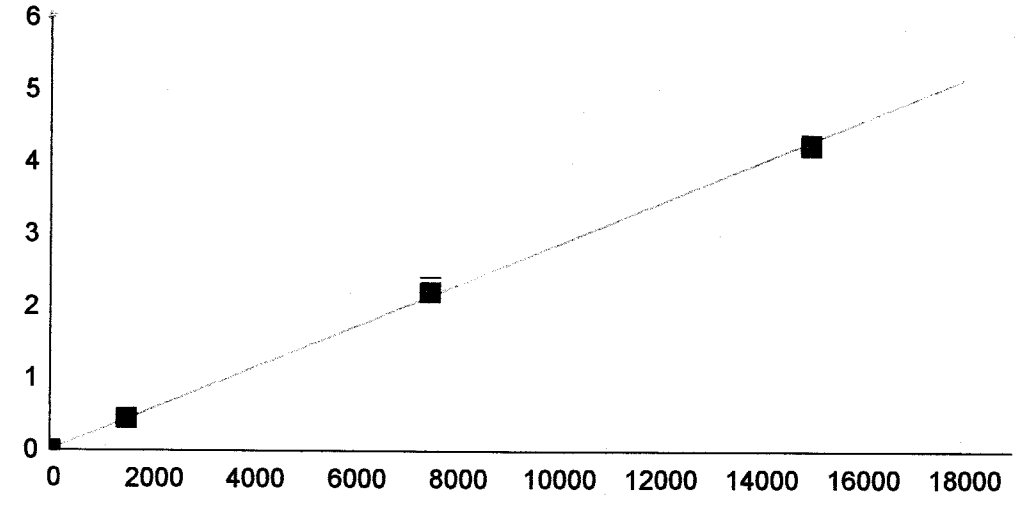


Ni 231.604 {446}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000321	Re-Slope:	1.000000
A1 (Gain):	0.001167	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999869	Status:	OK.
Std Error of Est:	0.000438		
Predicted MDL:	0.175311		
Predicted MQL:	0.584370		

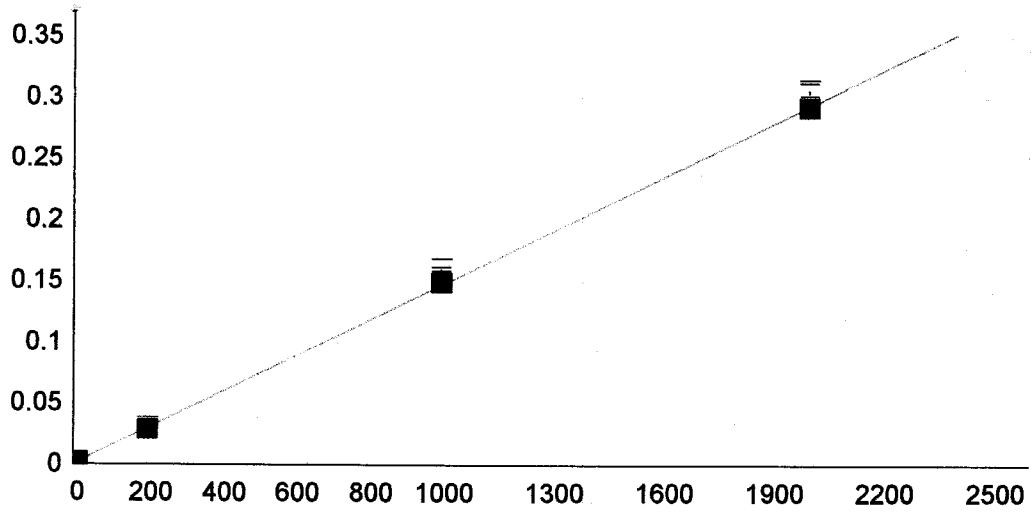
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00426	-.004	.000	-.00033	.000	1
DCAL1	40.000	43.564	3.56	8.91	.05050	.001	1
DCAL2	500.00	504.34	4.34	.869	.58793	.001	1
DCAL3	2500.0	2551.4	51.4	2.05	2.9755	.099	1
DCAL4	5000.0	4940.7	-59.3	-1.19	5.7624	.017	1



Pb 220.353 {453}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000116		Re-Slope:	1.000000	
A1 (Gain):	0.000287		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999814		Status:	OK.	
Std Error of Est:	0.000078				
Predicted MDL:	0.615167				
Predicted MQL:	2.050555				

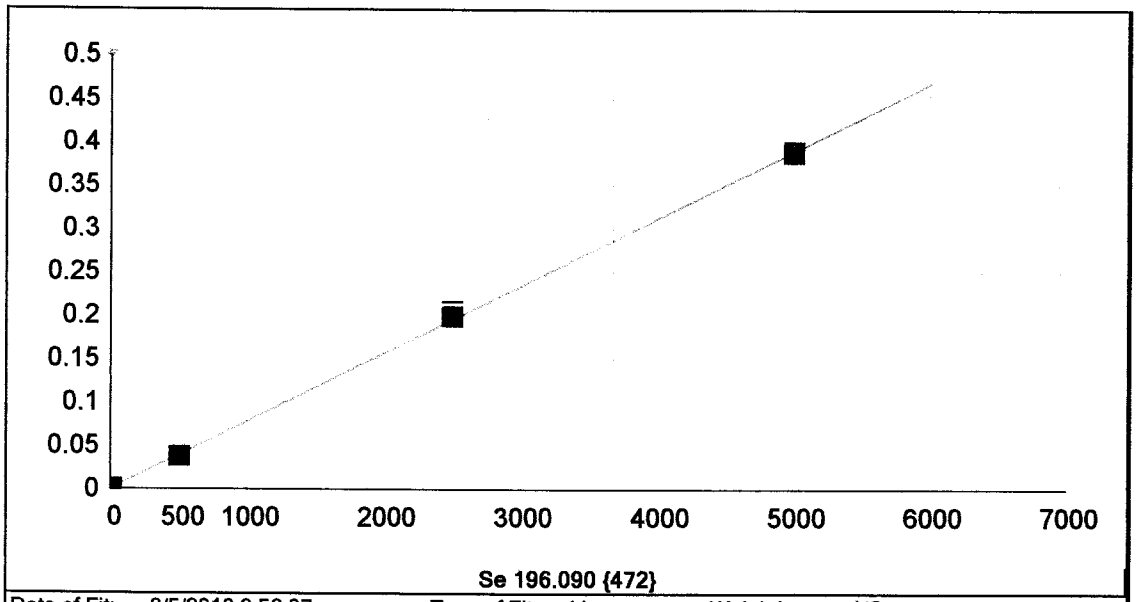
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00143	-.001	.000	.00012	.000	1
DCAL1	5.0000	6.2924	1.29	25.8	.00192	.000	1
DCAL2	1500.0	1523.9	23.9	1.59	.43666	.001	1
DCAL3	7500.0	7694.0	194.	2.59	2.2042	.072	1
DCAL4	15000.	14781.	-219.	-1.46	4.2342	.018	1



Sb 206.833 {463}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000256		Re-Slope:	1.000000	
A1 (Gain):	0.000146		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999930		Status:	OK.	
Std Error of Est:	0.000013				
Predicted MDL:	0.879993				
Predicted MQL:	2.933308				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00015	.000	.000	.00026	.000	1
DCAL1	10.000	10.107	.107	1.07	.00174	.000	1
DCAL2	200.00	192.81	-7.19	-3.59	.02981	.000	1
DCAL3	1000.0	1014.4	14.4	1.44	.15541	.005	1
DCAL4	2000.0	1992.7	-7.28	-.364	.30530	.001	1

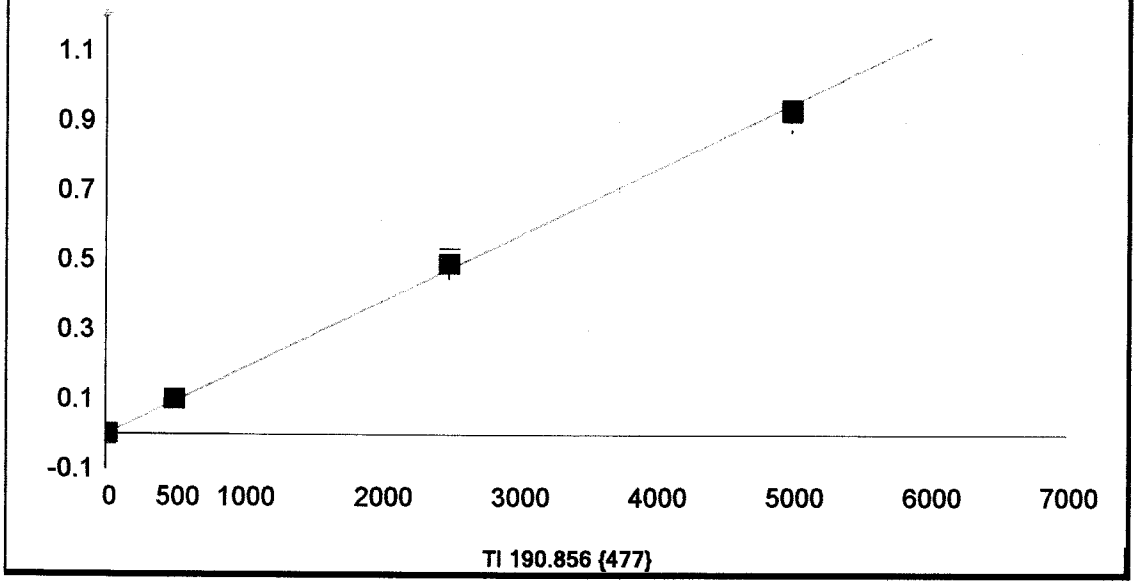


Se 196.090 {472}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000235	Re-Slope:	1.000000
A1 (Gain):	0.000078	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999880	Status:	OK.
Std Error of Est:	0.000010		
Predicted MDL:	1.310709		
Predicted MQL:	4.369029		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00078	.001	.000	.00023	.000	1
DCAL1	5.0000	4.3608	-.639	-12.8	.00057	.000	1
DCAL2	500.00	478.99	-21.0	-4.20	.03720	.000	1
DCAL3	2500.0	2545.1	45.1	1.81	.19676	.006	1
DCAL4	5000.0	4976.5	-23.5	-.469	.38444	.002	1

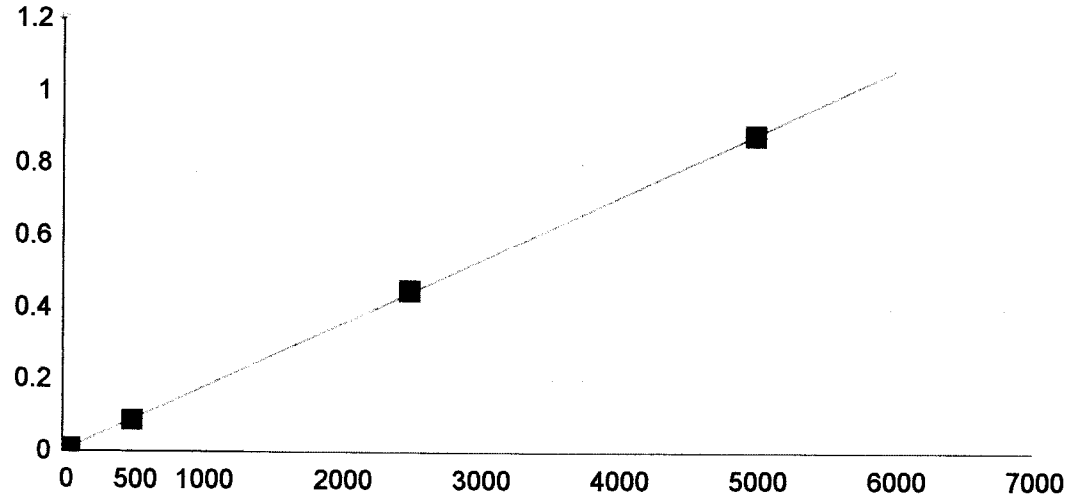


TI 190.856 {477}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000869	Re-Slope:	1.000000
A1 (Gain):	0.000190	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999486	Status:	OK.
Std Error of Est:	0.000066		
Predicted MDL:	0.773977		
Predicted MQL:	2.579924		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00282	-.003	.000	-.00087	.000	1
DCAL1	10.000	12.108	2.11	21.1	.00101	.000	1
DCAL2	500.00	531.21	31.2	6.24	.09484	.000	1
DCAL3	2500.0	2578.5	78.5	3.14	.46295	.015	1
DCAL4	5000.0	4888.6	-111.	-2.23	.87574	.004	1

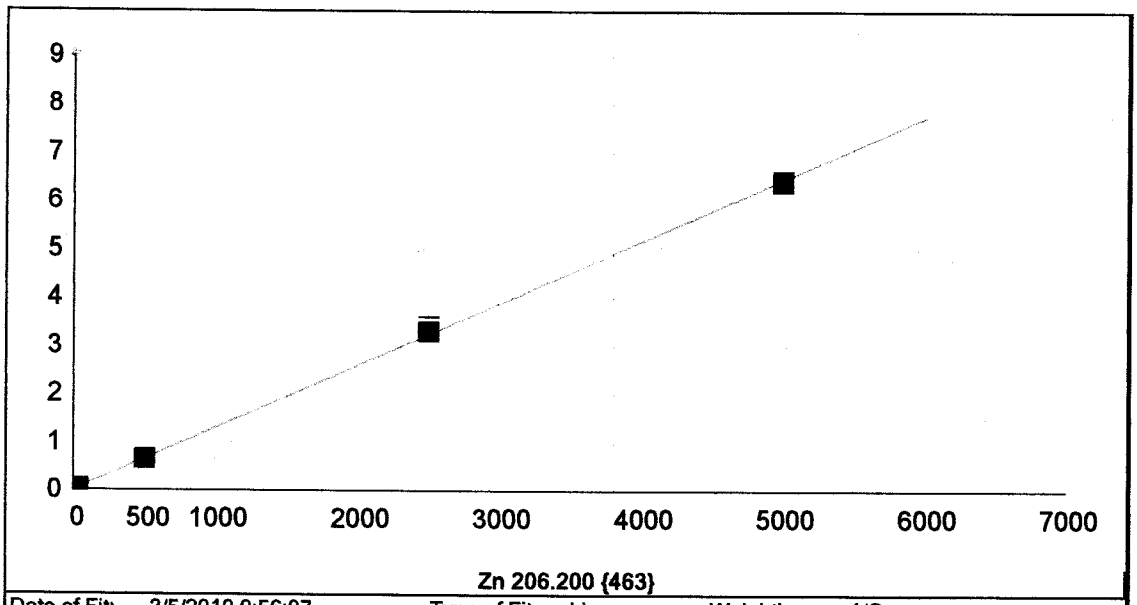


V 292.402 {115}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000061	Re-Slope:	1.000000
A1 (Gain):	0.000176	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999952	Status:	OK.
Std Error of Est:	0.000044		
Predicted MDL:	0.278769		
Predicted MQL:	0.929229		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00065	-.001	.000	.00006	.000	1
DCAL1	50.000	51.274	1.27	2.55	.00907	.000	1
DCAL2	500.00	489.65	-10.4	-2.07	.08562	.000	1
DCAL3	2500.0	2531.9	31.9	1.28	.44260	.001	1
DCAL4	5000.0	4977.2	-22.8	-.456	.86988	.001	1

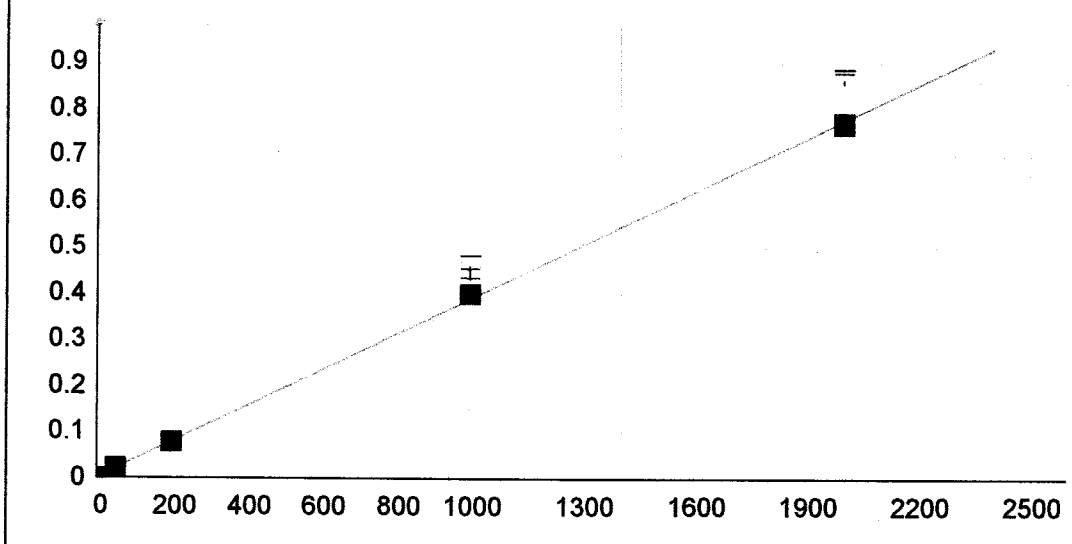


Zn 206.200 {463}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000764	Re-Slope:	1.000000
A1 (Gain):	0.001290	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999881	Status:	OK.
Std Error of Est:	0.000398		
Predicted MDL:	0.083203		
Predicted MQL:	0.277343		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00370	-.004	.000	.00076	.000	1
DCAL1	30.000	33.623	3.62	12.1	.04412	.001	1
DCAL2	500.00	496.36	-3.64	-.728	.63973	.002	1
DCAL3	2500.0	2549.0	49.0	1.96	3.2824	.109	1
DCAL4	5000.0	4951.0	-49.0	-.981	6.3742	.026	1

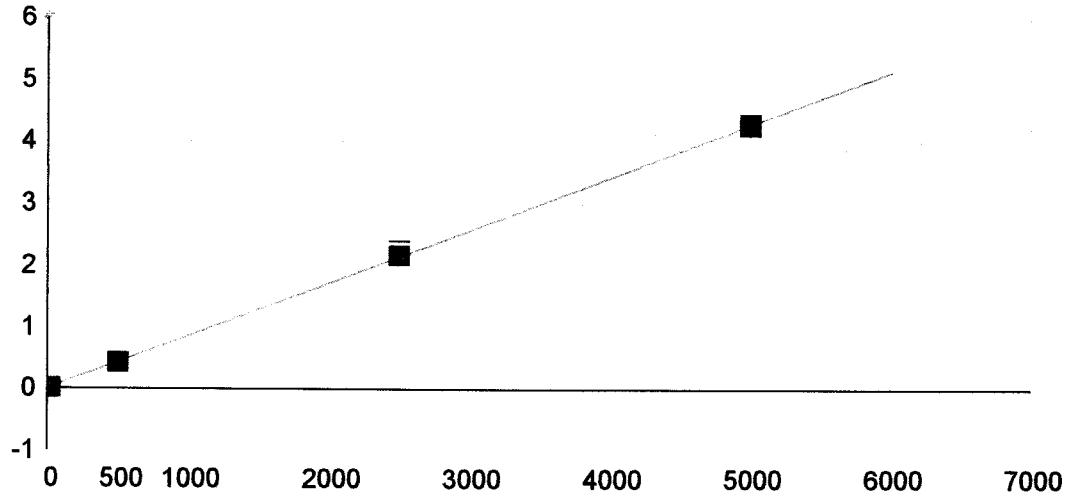


B 208.959 {461}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000605	Re-Slope:	1.000000
A1 (Gain):	0.000388	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999864	Status:	OK.
Std Error of Est:	0.000118		
Predicted MDL:	0.308601		
Predicted MQL:	1.028671		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00134	-.001	.000	.00060	.000	1
DCAL1	50.000	51.453	1.45	2.91	.02093	.001	1
DCAL2	200.00	196.70	-3.30	-1.65	.08632	.000	1
DCAL3	1000.0	1026.6	26.6	2.66	.44589	.014	1
DCAL4	2000.0	1975.3	-24.7	-1.23	.86096	.004	1

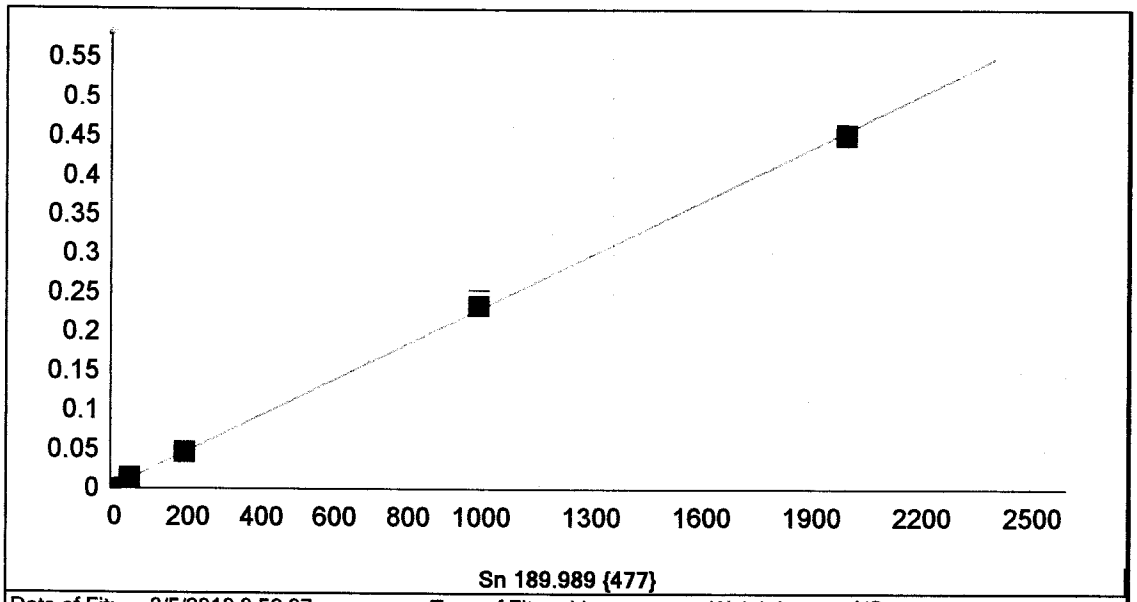


Mo 202.030 {467}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000054	Re-Slope:	1.000000
A1 (Gain):	0.000856	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999949	Status:	OK.
Std Error of Est:	0.000141		
Predicted MDL:	0.137077		
Predicted MQL:	0.456922		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00048	.000	.000	-.00005	.000	1
DCAL1	20.000	20.799	.799	3.99	.01775	.000	1
DCAL2	500.00	487.60	-12.4	-2.48	.41746	.001	1
DCAL3	2500.0	2531.6	31.6	1.26	2.1677	.072	1
DCAL4	5000.0	4980.0	-20.0	-.400	4.2641	.018	1

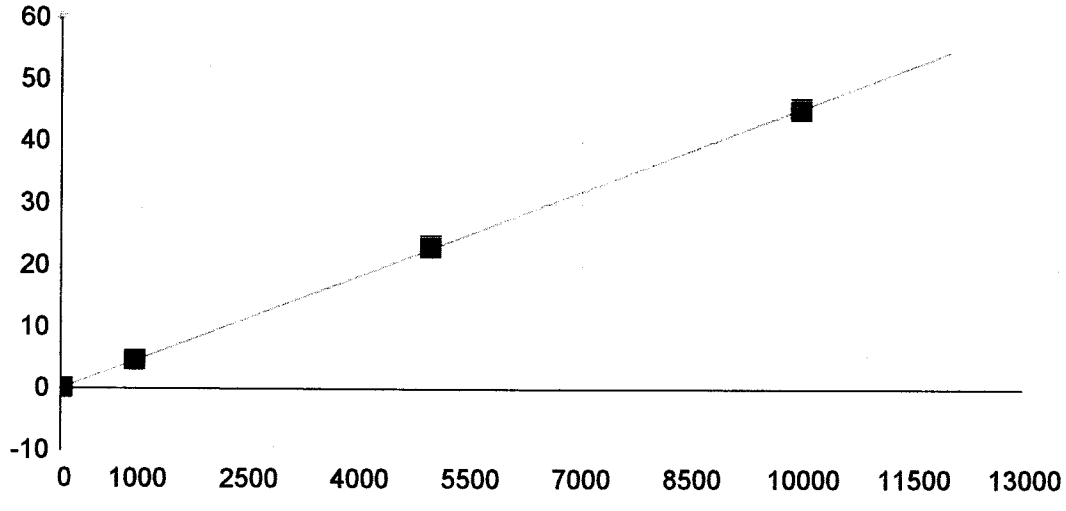


Sn 189.989 {477}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000180	Re-Slope:	1.000000
A1 (Gain):	0.000228	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999842	Status:	OK.
Std Error of Est:	0.000067		
Predicted MDL:	0.352428		
Predicted MQL:	1.174760		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00427	-.004	.000	.00018	.000	1
DCAL1	50.000	53.820	3.82	7.64	.01247	.000	1
DCAL2	200.00	200.14	.136	.068	.04589	.000	1
DCAL3	1000.0	1020.7	20.7	2.07	.23329	.008	1
DCAL4	2000.0	1975.3	-24.7	-1.23	.45129	.002	1

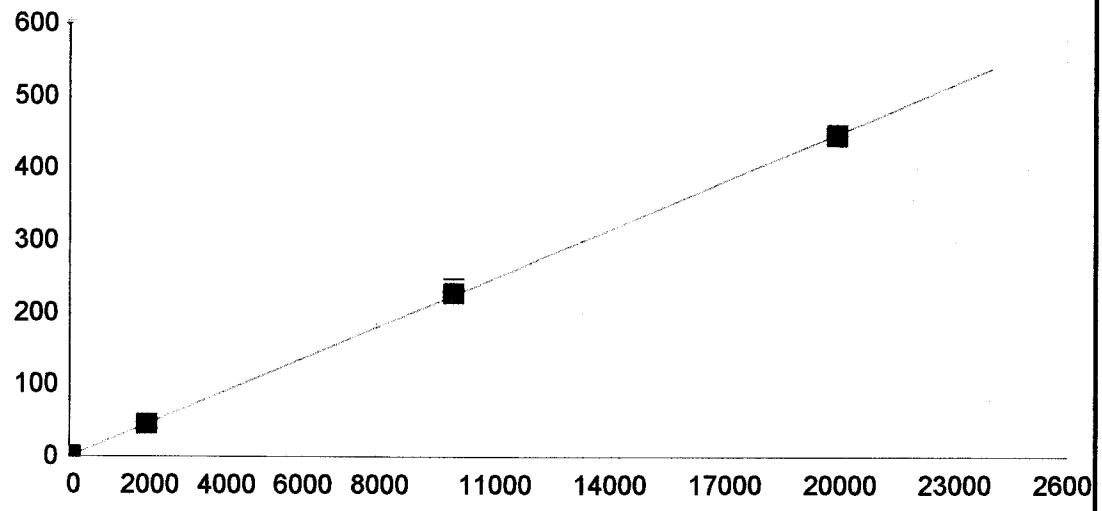


Sr 407.771 { 83}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002408	Re-Slope:	1.000000
A1 (Gain):	0.004540	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999968	Status:	OK.
Std Error of Est:	0.000839		
Predicted MDL:	0.094157		
Predicted MQL:	0.313857		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00098	-.001	.000	-.00241	.000	1
DCAL1	20.000	20.563	.563	2.81	.09153	.000	1
DCAL2	1000.0	1019.1	19.1	1.91	4.6276	.002	1
DCAL3	5000.0	5038.9	38.9	.777	22.890	.367	1
DCAL4	10000.	9941.5	-58.5	-.585	45.163	.359	1

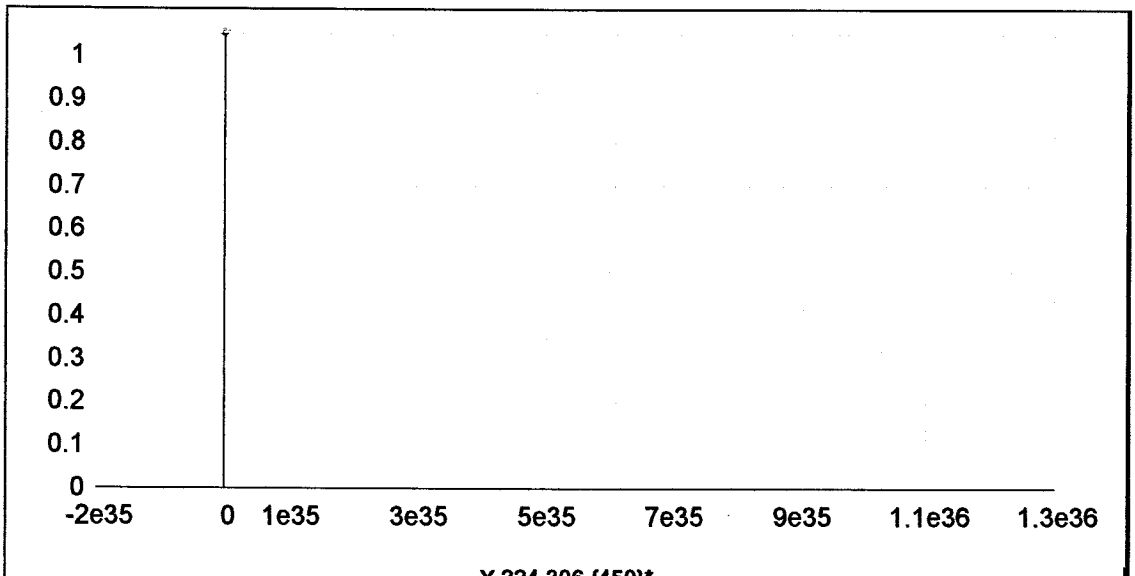


Ti 334.941 {101}

Date of Fit:	3/5/2010 9:56:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.007539	Re-Slope:	1.000000
A1 (Gain):	0.022388	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999957	Status:	OK.
Std Error of Est:	0.006791		
Predicted MDL:	0.081445		
Predicted MQL:	0.271484		

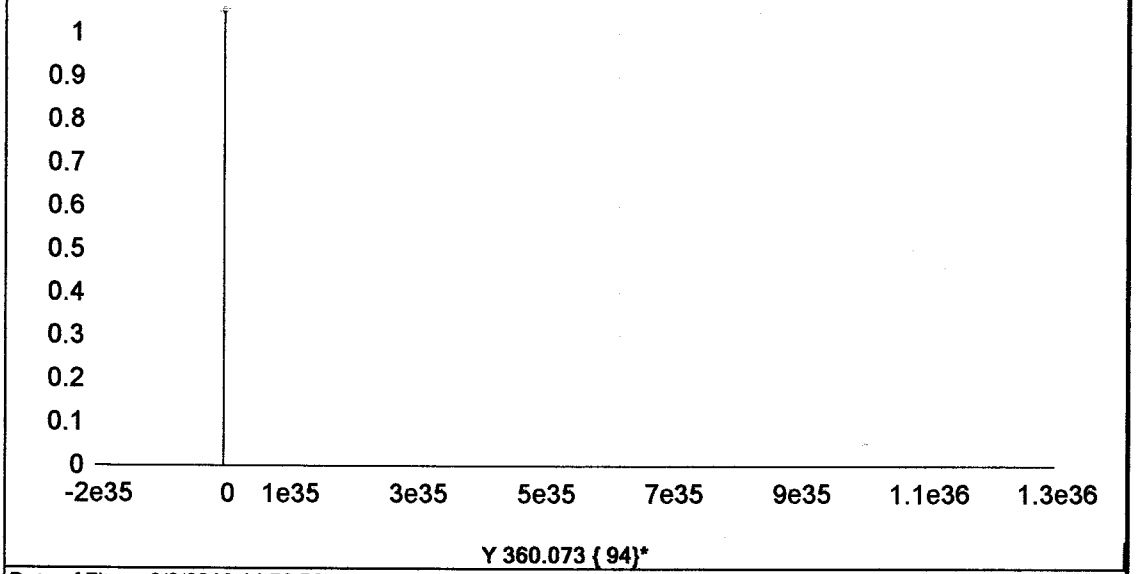
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00214	-.002	.000	.00749	.000	1
DCAL1	20.000	21.925	1.92	9.62	.49833	.011	1
DCAL2	2000.0	2010.0	10.0	.502	45.016	.059	1
DCAL3	10000.	10126.	126.	1.26	226.74	5.97	1
DCAL4	20000.	19862.	-138.	-.688	444.77	2.11	1



Y 224.306 {450}*

Date of Fit:	7/2/2009 13:18:43	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	183.492520				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

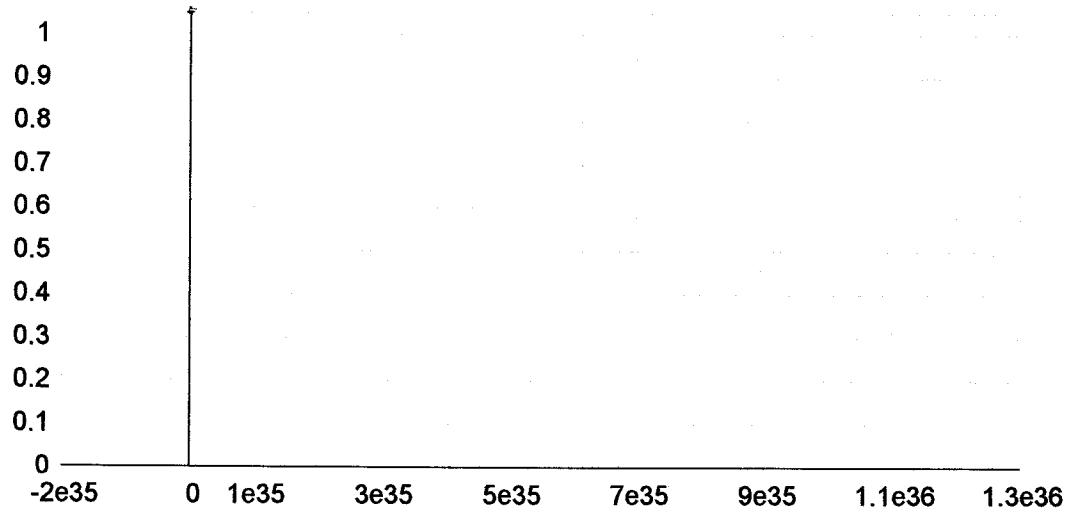


Y 360.073 { 94}*

Date of Fit:	2/2/2010 14:59:52	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				

n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 371.030 { 91)*

Date of Fit:	2/5/2010 13:43:21		Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):		0.000000			Re-Slope:	1.000000	
A1 (Gain):		0.000000			Y-int:	0.000000	
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		192.759705					
Predicted MDL:		n/a					
Predicted MQL:		n/a					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

Sample Name: CAL_BLK Acquired: 3/5/2010 9:21:41 Type: Cal
Method: SW84602102010(v13) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0016**	**-.0001**	**-.0012**	**.0021**	**-.0006**	**-.0095**
Stddev	.0005	.0000	.0000	.0001	.0001	.0006
%RSD	33.42	37.65	3.010	3.026	21.77	6.043
#1	-.0019	-.0001	-.0011	.0022	-.0005	-.0096
#2	-.0020	-.0002	-.0012	.0021	-.0005	-.0099
#3	-.0010	-.0001	-.0011	.0020	-.0008	-.0088

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0006**	**-.0006**	**.0000**	**.0004**	**.0004**	**-.0200**
Stddev	.0000	.0003	.0001	.0004	.0009	.0003
%RSD	7.756	47.37	684.9	85.20	229.2	1.312
#1	-.0007	-.0004	.0000	.0002	.0015	-.0200
#2	-.0006	-.0005	-.0001	.0002	.0001	-.0198
#3	-.0007	-.0010	.0000	.0008	-.0003	-.0203

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0021**	**.0001**	**-.0056**	**-.0003**	**.0001**	**.0003**
Stddev	.0010	.0000	.0013	.0002	.0000	.0001
%RSD	48.41	25.15	22.67	63.57	22.33	21.68
#1	-.0031	.0000	-.0065	-.0003	.0001	.0002
#2	-.0011	.0001	-.0041	-.0006	.0001	.0002
#3	-.0021	.0001	-.0061	-.0002	.0001	.0003

Sample Name: CAL_BLK Acquired: 3/5/2010 9:21:41 Type: Cal
Method: SW84602102010(v13) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0002	-.0009	.0001	.0008	.0006	-.0001
Stddev	.0001	.0001	.0000	.0001	.0001	.0002
%RSD	34.20	11.66	7.019	10.34	11.24	297.9
#1	.0002	-.0008	.0001	.0008	.0005	-.0002
#2	.0002	-.0009	.0001	.0007	.0006	.0000
#3	.0003	-.0009	.0001	.0007	.0007	.0001

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	.0002	-.0024	.0075
Stddev	.0001	.0004	.0003
%RSD	30.13	15.33	3.774
#1	.0001	-.0021	.0077
#2	.0002	-.0023	.0072
#3	.0002	-.0028	.0076

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6034.2	125870.	16863.
Stddev	37.4	136.	19.
%RSD	.62058	.10785	.11373
#1	5991.1	126000.	16841.
#2	6059.1	125900.	16873.
#3	6052.3	125730.	16875.

Sample Name: DCAL1 Acquired: 3/5/2010 9:28:20 Type: Cal
Method: SW84602102010(v13) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0109**	**.0003**	**.0009**	**.5720**	**.0154**	**.2173**
Stddev	.0003	.0001	.0000	.0135	.0002	.0002
%RSD	2.387	29.49	2.686	2.364	1.365	.1045
#1	.0112	.0003	.0009	.5874	.0155	.2175
#2	.0109	.0003	.0009	.5620	.0155	.2170
#3	.0107	.0002	.0009	.5665	.0152	.2173

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0168**	**.0704**	**.0022**	**.0034**	**.0347**	**.1448**
Stddev	.0004	.0017	.0000	.0003	.0012	.0008
%RSD	2.408	2.445	1.028	8.757	3.458	.5492
#1	.0172	.0724	.0022	.0035	.0359	.1449
#2	.0163	.0695	.0022	.0037	.0345	.1456
#3	.0168	.0694	.0022	.0031	.0336	.1440

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2.557**	**.0170**	**.4781**	**.0505**	**.0019**	**.0017**
Stddev	.042	.0001	.0001	.0012	.0001	.0002
%RSD	1.651	.3400	.0252	2.321	3.035	10.02
#1	2.600	.0170	.4780	.0518	.0019	.0018
#2	2.516	.0169	.4782	.0496	.0019	.0019
#3	2.553	.0171	.4780	.0501	.0020	.0015

Sample Name: DCAL1 Acquired: 3/5/2010 9:28:20 Type: Cal
Method: SW84602102010(v13) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0006	.0010	.0091	.0441	.0209	.0177
Stddev	.0000	.0002	.0001	.0008	.0005	.0004
%RSD	6.788	19.44	.6369	1.916	2.393	2.317
#1	.0006	.0012	.0091	.0451	.0215	.0182
#2	.0006	.0008	.0090	.0436	.0205	.0175
#3	.0005	.0010	.0091	.0437	.0208	.0175

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	.0125	.0915	.4983
Stddev	.0004	.0005	.0108
%RSD	3.018	.5325	2.163
#1	.0129	.0921	.5075
#2	.0123	.0913	.4865
#3	.0122	.0912	.5010

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5936.4	124600.	16915.
Stddev	95.9	357.	19.
%RSD	1.6153	.28629	.11202
#1	5829.5	124870.	16898.
#2	6014.8	124200.	16935.
#3	5964.9	124740.	16911.

Sample Name: DCAL2 Acquired: 3/5/2010 9:35:00 Type: Cal
Method: SW84602102010(v13) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.421**	**.0366**	**.0470**	**5.291**	**1.547**	**1.137**
Stddev	.002	.0001	.0000	.010	.001	.001
%RSD	.1283	.1502	.0518	.1951	.0740	.0804
#1	1.421	.0366	.0470	5.280	1.548	1.138
#2	1.422	.0367	.0470	5.292	1.548	1.136
#3	1.419	.0366	.0471	5.301	1.546	1.137

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.005**	**.6706**	**.1985**	**.2690**	**4.152**	**.3051**
Stddev	.003	.0007	.0001	.0007	.009	.0006
%RSD	.2462	.1016	.0271	.2646	.2295	.2120
#1	1.002	.6709	.1985	.2693	4.142	.3048
#2	1.005	.6698	.1984	.2694	4.155	.3047
#3	1.007	.6711	.1985	.2681	4.160	.3059

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12.09**	**1.094**	**2.352**	**.5879**	**.4367**	**.0298**
Stddev	.02	.001	.001	.0010	.0011	.0002
%RSD	.1898	.0604	.0355	.1757	.2531	.6095
#1	12.06	1.093	2.352	.5881	.4354	.0298
#2	12.09	1.094	2.351	.5868	.4373	.0297
#3	12.11	1.094	2.353	.5889	.4373	.0300

Sample Name: DCAL2 Acquired: 3/5/2010 9:35:00 Type: Cal
Method: SW84602102010(v13) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0372**	**.0948**	**.0856**	**.6397**	**.0863**	**.4175**
Stddev	.0001	.0004	.0001	.0017	.0002	.0008
%RSD	.3928	.4087	.1235	.2683	.1855	.1868
#1	.0371	.0944	.0856	.6381	.0861	.4169
#2	.0374	.0950	.0857	.6395	.0863	.4171
#3	.0372	.0951	.0855	.6415	.0865	.4183

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	**.0459**	**4.628**	**45.02**
Stddev	.0001	.002	.06
%RSD	.3044	.0387	.1314
#1	.0458	4.628	44.96
#2	.0460	4.626	45.01
#3	.0458	4.629	45.08

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5944.8**	**124520.**	**16804.**
Stddev	1.9	276.	22.
%RSD	.03144	.22128	.13203
#1	5945.9	124270.	16795.
#2	5942.7	124460.	16787.
#3	5945.8	124820.	16829.

Sample Name: DCAL3 Acquired: 3/5/2010 9:41:30 Type: Cal
Method: SW84602102010(v13) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7.292**	**.1974**	**.2513**	**26.71**	**7.951**	**5.787**
Stddev	.091	.0066	.0005	.87	.096	.063
%RSD	1.244	3.365	.1914	3.255	1.210	1.088
#1	7.371	.1960	.2508	26.48	8.027	5.842
#2	7.193	.2047	.2517	27.67	7.843	5.719
#3	7.314	.1917	.2516	25.97	7.983	5.800

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5.216**	**3.396**	**1.032**	**1.356**	**21.23**	**1.629**
Stddev	.171	.110	.002	.017	.55	.016
%RSD	3.273	3.252	.2025	1.240	2.581	.9490
#1	5.173	3.375	1.030	1.369	21.07	1.643
#2	5.404	3.515	1.034	1.337	21.84	1.612
#3	5.070	3.298	1.033	1.362	20.79	1.631

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**63.11**	**5.397**	**11.78**	**2.976**	**2.204**	**.1554**
Stddev	1.35	.029	.08	.099	.072	.0051
%RSD	2.137	.5344	.6969	3.318	3.254	3.256
#1	62.81	5.370	11.79	2.954	2.186	.1541
#2	64.59	5.395	11.69	3.083	2.283	.1610
#3	61.94	5.427	11.85	2.889	2.144	.1511

Sample Name: DCAL3 Acquired: 3/5/2010 9:41:30 Type: Cal
Method: SW84602102010(v13) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1968	.4630	.4426	3.282	.4459	2.168
Stddev	.0061	.0149	.0011	.109	.0141	.072
%RSD	3.101	3.210	.2473	3.325	3.172	3.322
#1	.1952	.4596	.4413	3.254	.4426	2.149
#2	.2035	.4792	.4432	3.403	.4614	2.247
#3	.1916	.4500	.4432	3.190	.4337	2.107

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	.2333	22.89	226.7
Stddev	.0078	.37	6.0
%RSD	3.339	1.603	2.635
#1	.2317	23.08	227.1
#2	.2418	22.47	232.5
#3	.2264	23.13	220.6

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5632.3	118470.	16921.
Stddev	140.6	181.	117.
%RSD	2.4965	.15269	.69030
#1	5666.5	118670.	16828.
#2	5477.7	118450.	17052.
#3	5752.6	118310.	16883.

Sample Name: DCAL4 Acquired: 3/5/2010 9:48:39 Type: Cal
Method: SW84602102010(v13) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14.43**	**.3903**	**.5035**	**51.26**	**15.65**	**11.25**
Stddev	.01	.0018	.0013	.20	.02	.18
%RSD	.0754	.4589	.2655	.3944	.1329	1.609
#1	14.41	.3901	.5030	51.06	15.67	11.06
#2	14.43	.3886	.5026	51.27	15.64	11.28
#3	14.43	.3922	.5051	51.47	15.63	11.42

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10.11**	**6.614**	**2.005**	**2.701**	**41.56**	**3.266**
Stddev	.04	.022	.003	.002	.12	.009
%RSD	.3831	.3350	.1605	.0687	.2850	.2705
#1	10.10	6.606	2.008	2.702	41.55	3.256
#2	10.08	6.596	2.005	2.703	41.44	3.268
#3	10.16	6.639	2.002	2.699	41.68	3.273

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**124.7**	**10.32**	**23.54**	**5.762**	**4.234**	**.3053**
Stddev	.7	.05	.15	.018	.018	.0012
%RSD	.5456	.4735	.6322	.3030	.4295	.4028
#1	125.0	10.27	23.45	5.755	4.225	.3049
#2	124.0	10.32	23.45	5.750	4.222	.3043
#3	125.2	10.37	23.71	5.782	4.255	.3067

Sample Name: DCAL4 Acquired: 3/5/2010 9:48:39 Type: Cal
Method: SW84602102010(v13) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3844	.8757	.8699	6.374	.8610	4.264
Stddev	.0016	.0038	.0014	.026	.0044	.018
%RSD	.4260	.4288	.1617	.4062	.5053	.4118
#1	.3837	.8734	.8691	6.363	.8589	4.257
#2	.3833	.8738	.8690	6.356	.8581	4.251
#3	.3863	.8801	.8715	6.404	.8660	4.284

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	.4513	45.16	444.8
Stddev	.0016	.36	2.1
%RSD	.3571	.7955	.4751
#1	.4504	44.78	443.0
#2	.4504	45.21	444.1
#3	.4532	45.50	447.1

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5327.8	113730.	16469.
Stddev	14.9	68.	55.
%RSD	.27939	.06004	.33510
#1	5334.3	113770.	16531.
#2	5338.2	113780.	16450.
#3	5310.7	113650.	16425.

Sample Name: ICV Acquired: 3/5/2010 9:56:15 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123400.**	**2469.**	**1229.**	**10080.**	**998.8**	**126200.**
Stddev	240.	8.	15.	37.	2.0	224.
%RSD	.1944	.3254	1.203	.3687	.1964	.1775
#1	123600.	2464.	1221.	10060.	999.3	126500.
#2	123100.	2466.	1246.	10060.	996.7	126000.
#3	123400.	2478.	1221.	10120.	1001.	126200.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1235.**	**2496.**	**5033.**	**12380.**	**98960.**	**49280.**
Stddev	4.	6.	71.	33.	377.	128.
%RSD	.3510	.2278	1.412	.2658	.3812	.2591
#1	1233.	2492.	5002.	12390.	98540.	49420.
#2	1232.	2494.	5114.	12340.	99110.	49200.
#3	1240.	2503.	4983.	12400.	99250.	49210.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 3/5/2010 9:56:15 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**122800.**	**5087.**	**124200.**	**2491.**	**7456.**	**989.1**
Stddev	512.	39.	193.	7.	25.	3.8
%RSD	.4168	.7740	.1555	.2925	.3371	.3869
#1	122300.	5054.	124400.	2486.	7444.	986.3
#2	123300.	5130.	124000.	2488.	7439.	987.5
#3	122800.	5075.	124200.	2499.	7485.	993.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2478.**	**2516.**	**2486.**	**2490.**	**1003.**	**2414.**
Stddev	11.	9.	30.	9.	3.	9.
%RSD	.4619	.3685	1.201	.3434	.3435	.3749
#1	2473.	2509.	2472.	2486.	1002.	2409.
#2	2470.	2512.	2521.	2484.	999.8	2409.
#3	2491.	2527.	2466.	2500.	1006.	2425.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 3/5/2010 9:56:15 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**982.5**	**5087.**	**9857.**
Stddev	2.9	42.	31.
%RSD	.2912	.8266	.3184
#1	980.3	5120.	9836.
#2	981.4	5040.	9841.
#3	985.7	5102.	9893.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5784.3**	**120290.**	**17001.**
Stddev	17.4	1195.	34.
%RSD	.30028	.99377	.19728
#1	5791.3	120670.	16962.
#2	5797.0	118960.	17019.
#3	5764.5	121260.	17022.

Sample Name: CCB Acquired: 3/5/2010 10:03:23 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10.28**	**1.266**	**-.2277**	**.0399**	**.0003**	**1.510**
Stddev	7.59	.918	.3499	.1056	.0381	9.438
%RSD	73.82	72.54	153.7	264.6	12740.	625.1
#1	19.04	.6979	-.4030	.1337	.0324	5.937
#2	6.120	2.325	.1752	-.0744	-.0418	7.920
#3	5.678	.7742	-.4552	.0604	.0104	-9.328
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0356**	**.0209**	**.2188**	**2.111**	**2.148**	**23.07**
Stddev	.0306	.1130	.1605	1.242	3.894	32.65
%RSD	86.07	539.6	73.39	58.83	181.3	141.6
#1	.0075	.1056	.3983	1.110	6.644	-5.356
#2	.0309	-.1074	.1690	3.501	-.0274	58.73
#3	.0682	.0647	.0890	1.723	-.1734	15.82
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/5/2010 10:03:23 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.652**	**.0894**	**-11.92**	**.0944**	**.6575**	**.7745**
Stddev	.431	.0090	2.94	.1042	.2552	.3135
%RSD	16.26	10.08	24.65	110.3	38.82	40.48
#1	2.786	.0988	-15.28	.0843	.8012	1.005
#2	2.999	.0808	-9.840	-.0043	.3628	.9007
#3	2.169	.0886	-10.63	.2033	.8085	.4176
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1711**	**2.613**	**-.3333**	**-.0871**	**3.266**	**1.505**
Stddev	.7576	.721	.1315	.0332	.355	.305
%RSD	442.8	27.59	39.46	38.12	10.86	20.24
#1	.3938	3.178	-.4366	-.0562	3.546	1.763
#2	-.6729	1.801	-.3779	-.1222	3.385	1.582
#3	.7923	2.859	-.1852	-.0828	2.867	1.169
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/5/2010 10:03:23 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1857**	**-.0429**	**.6945**
Stddev	.3548	.0669	.0158
%RSD	191.0	156.0	2.281
#1	-.2218	-.0362	.6778
#2	.4253	-.1128	.7093
#3	.3537	.0204	.6964
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6134.8**	**129950.**	**17176.**
Stddev	42.6	343.	46.
%RSD	.69499	.26361	.26855
#1	6161.2	129610.	17162.
#2	6157.6	130290.	17139.
#3	6085.6	129950.	17228.

Sample Name: ICSA 371312 Acquired: 3/5/2010 10:10:00 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**499200.**	**-1.854**	**1.445**	**1.157**	**-.1014**	**506600.**
Stddev	2111.	1.428	.752	.213	.0120	5145.
%RSD	.4230	77.00	52.05	18.44	11.82	1.016
#1	498900.	-3.388	2.283	1.353	-.0912	502300.
#2	497300.	-1.610	.8286	.9299	-.0986	505300.
#3	501500.	-.5643	1.224	1.189	-.1146	512300.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.675**	**2.529**	**-.3547**	**1.741**	**191400.**	**-139.3**
Stddev	.011	.144	.1664	1.948	436.	31.4
%RSD	.4122	5.701	46.90	111.9	.2276	22.57
#1	2.674	2.381	-.3468	3.104	191100.	-153.9
#2	2.687	2.536	-.5249	2.609	191900.	-160.8
#3	2.665	2.669	-.1924	-.4909	191100.	-103.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/5/2010 10:10:00 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**491100.**	**1.927**	**1.983**	**1.151**	**-1.994**	**2.436**
Stddev	3214.	.036	6.559	.052	.588	.731
%RSD	.6545	1.856	330.7	4.507	29.47	29.99
#1	491600.	1.927	-3.780	1.130	-2.573	2.842
#2	494000.	1.891	9.121	1.113	-2.011	2.873
#3	487600.	1.962	.6091	1.210	-1.398	1.592
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.667**	**1.355**	**1.522**	**-2.784**	**5.398**	**-2.053**
Stddev	1.560	.456	.179	.175	.409	.098
%RSD	58.50	33.63	11.79	6.274	7.584	4.749
#1	1.482	1.833	1.380	-2.769	5.850	-1.957
#2	4.435	1.307	1.723	-2.617	5.293	-2.152
#3	2.084	.9256	1.462	-2.966	5.052	-2.049
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/5/2010 10:10:00 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3863**	**-7.813**	**-2.731**
Stddev	.3132	.129	.093
%RSD	81.08	1.648	3.415
#1	.3473	-7.757	-2.814
#2	.0944	-7.721	-2.630
#3	.7172	-7.960	-2.747
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5586.0**	**113020.**	**16730.**
Stddev	26.9	920.	59.
%RSD	.48151	.81381	.35373
#1	5574.2	114080.	16791.
#2	5567.0	112590.	16725.
#3	5616.8	112400.	16673.

Sample Name: ICSAB 371336 Acquired: 3/5/2010 10:16:56 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**497800.**	**95.47**	**104.2**	**101.3**	**98.01**	**499700.**
Stddev	6670.	2.61	.9	1.5	.13	4444.
%RSD	1.340	2.735	.8589	1.464	.1308	.8893
#1	503800.	97.09	104.1	101.6	97.97	499800.
#2	490600.	92.46	103.4	99.65	97.91	495200.
#3	499200.	96.86	105.2	102.6	98.15	504100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**96.73**	**96.17**	**99.66**	**98.94**	**189000.**	**9985.**
Stddev	1.37	1.09	.31	.56	2032.	9.
%RSD	1.413	1.132	.3158	.5665	1.075	.0937
#1	96.92	96.70	100.00	99.53	190200.	9996.
#2	95.28	94.92	99.37	98.87	186700.	9980.
#3	98.00	96.90	99.62	98.41	190200.	9979.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/5/2010 10:16:56 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**487200.**	**100.6**	**10240.**	**94.70**	**90.56**	**97.28**
Stddev	8271.	.3	12.	1.58	1.03	1.39
%RSD	1.698	.3081	.1132	1.665	1.138	1.431
#1	491800.	101.0	10240.	95.15	91.35	97.46
#2	477700.	100.4	10250.	92.95	89.39	95.80
#3	492200.	100.5	10230.	96.00	90.93	98.57
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**94.88**	**94.07**	**100.7**	**91.62**	**102.1**	**92.95**
Stddev	2.38	.91	.3	1.24	1.4	1.24
%RSD	2.513	.9714	.3013	1.354	1.331	1.334
#1	94.14	94.60	100.9	91.96	102.0	93.04
#2	92.96	93.01	100.3	90.24	100.7	91.67
#3	97.55	94.60	100.7	92.65	103.4	94.14
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/5/2010 10:16:56 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**96.67**	**91.63**	**95.32**
Stddev	1.42	.21	1.01
%RSD	1.464	.2305	1.059
#1	97.32	91.87	95.84
#2	95.04	91.54	94.16
#3	97.64	91.48	95.97
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5678.8**	**114620.**	**16981.**
Stddev	59.0	57.	11.
%RSD	1.0386	.04973	.06432
#1	5658.8	114640.	16968.
#2	5745.2	114670.	16985.
#3	5632.4	114560.	16989.

Sample Name: INT-10 Acquired: 3/5/2010 10:23:52 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**202.5**	**7.781**	**-1.201**	**11.12**	F **-4.255**	**10.33**
Stddev	11.0	.411	.333	.06	.017	5.22
%RSD	5.413	5.279	27.73	.5143	.4021	50.57
#1	212.6	8.235	-1.545	11.05	-4.274	7.490
#2	204.1	7.669	-1.178	11.16	-4.249	7.143
#3	190.8	7.437	-.8798	11.14	-4.242	16.36
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-4.000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.1809**	F **11020.**	F **10410.**	**-28.60**	**177.6**	**-47.91**
Stddev	.0286	19.	63.	4.55	3.6	47.31
%RSD	15.81	.1693	.6065	15.90	2.017	98.75
#1	-.2119	11020.	10470.	-25.91	174.4	-8.549
#2	-.1554	11010.	10390.	-26.04	176.9	-34.79
#3	-.1755	11040.	10350.	-33.84	181.5	-100.4
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		5000.	10000.			
Low Limit		-50.00	-20.00			

Sample Name: INT-10 Acquired: 3/5/2010 10:23:52 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.3387**	F **10100.**	**-10.13**	F **11090.**	**-7.448**	**2.994**
Stddev	4.027	61.	10.93	18.	.267	.563
%RSD	1189.	.6009	107.9	.1613	3.589	18.79
#1	-3.527	10140.	-9.648	11080.	-7.171	2.577
#2	-1.676	10030.	.5573	11080.	-7.470	2.770
#3	4.187	10120.	-21.29	11110.	-7.704	3.634
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit		10000.		5000.		
Low Limit		-50.00		-50.00		

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-4.938**	F **-30.02**	F **5042.**	**4.926**	**-2.243**	F **5270.**
Stddev	.502	1.13	3.	2.117	.465	14.
%RSD	10.17	3.756	.0577	42.98	20.75	.2666
#1	-5.380	-29.36	5039.	3.825	-1.919	5259.
#2	-4.392	-29.38	5045.	7.367	-2.032	5266.
#3	-5.042	-31.32	5043.	3.586	-2.776	5286.
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Fail
High Limit		4500.	5000.			5000.
Low Limit		-20.00	-50.00			-50.00

Sample Name: INT-10 Acquired: 3/5/2010 10:23:52 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	F **11100.**	F **10080.**	**10500.**
Stddev	18.	10.	99.
%RSD	.1619	.1005	.9457
#1	11090.	10090.	10390.
#2	11090.	10070.	10520.
#3	11120.	10070.	10590.
Check ?	Chk Fail	Chk Fail	Chk Pass
High Limit	2000.	10000.	
Low Limit	-50.00	-50.00	
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5840.6**	**128670.**	**16961.**
Stddev	17.1	90.	36.
%RSD	.29208	.06992	.21206
#1	5851.6	128570.	16994.
#2	5849.3	128730.	16967.
#3	5820.9	128720.	16922.

Sample Name: mb 460-31198/1-a Acquired: 3/5/2010 10:30:58 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**31.37**	**.6193**	**-.4669**	**-.0140**	**-.0179**	**44.44**
Stddev	9.55	.9395	.4542	.0722	.0391	8.46
%RSD	30.45	151.7	97.28	517.0	219.3	19.03
#1	34.10	1.627	-.9882	.0402	-.0593	50.77
#2	20.75	-.2332	-.2564	.0138	.0184	34.84
#3	39.26	.4644	-.1562	-.0959	-.0127	47.71
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0195**	**1.820**	**3.248**	**.6293**	**7.841**	**-3.237**
Stddev	.0160	.652	.661	2.691	7.078	17.59
%RSD	81.93	35.84	20.34	427.6	90.26	543.4
#1	.0011	2.394	2.489	3.471	-.1077	16.54
#2	.0291	1.956	3.565	.2950	13.46	-17.12
#3	.0285	1.111	3.691	-1.879	10.17	-9.130
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-31198/1-a Acquired: 3/5/2010 10:30:58 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**41.89**	**3.067**	**-41.99**	**1.937**	**.7153**	**.3755**
Stddev	3.38	.340	9.72	.518	.4957	.5560
%RSD	8.068	11.08	23.16	26.74	69.31	148.0
#1	38.00	2.681	-40.90	2.349	1.090	.9207
#2	43.68	3.201	-32.86	2.106	.9029	-.1906
#3	44.01	3.320	-52.22	1.355	.1531	.3966
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2694**	**.6602**	**1.263**	**1.872**	**2.850**	**2.888**
Stddev	.8242	.5947	.218	.088	.109	.675
%RSD	305.9	90.08	17.27	4.697	3.824	23.37
#1	-.4058	.3879	1.049	1.941	2.923	3.556
#2	.0262	1.342	1.485	1.902	2.725	2.901
#3	1.188	.2504	1.256	1.773	2.902	2.207
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-31198/1-a Acquired: 3/5/2010 10:30:58 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**2.779**	**2.108**	**3.372**
Stddev	.539	.245	.310
%RSD	19.38	11.60	9.202
#1	3.125	2.075	3.044
#2	3.054	1.881	3.413
#3	2.158	2.367	3.660
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6202.5**	**131840.**	**17172.**
Stddev	5.3	312.	32.
%RSD	.08466	.23659	.18378
#1	6196.8	131940.	17154.
#2	6207.2	132080.	17153.
#3	6203.4	131490.	17208.

Sample Name: lcs 460-31198/2-a Acquired: 3/5/2010 10:37:35 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2166.**	**2103.**	**49.82**	**2183.**	**52.25**	**20670.**
Stddev	15.	9.	.09	6.	.11	43.
%RSD	.6708	.4227	.1787	.2765	.2107	.2094
#1	2155.	2113.	49.85	2190.	52.38	20720.
#2	2182.	2097.	49.89	2182.	52.19	20680.
#3	2160.	2098.	49.72	2178.	52.18	20630.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**53.28**	**540.5**	**216.4**	**264.9**	**1131.**	**21150.**
Stddev	.10	2.5	1.1	1.6	2.	30.
%RSD	.1822	.4547	.5251	.6043	.1430	.1415
#1	53.38	543.0	216.1	265.0	1129.	21140.
#2	53.28	540.5	217.7	266.5	1132.	21180.
#3	53.18	538.1	215.5	263.3	1132.	21120.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-31198/2-a Acquired: 3/5/2010 10:37:35 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**22050.**	**548.5**	**21010.**	**549.1**	**551.3**	**520.3**
Stddev	18.	1.7	19.	2.3	1.0	.9
%RSD	.0801	.3032	.0920	.4217	.1795	.1766
#1	22040.	549.0	21020.	551.6	552.5	520.9
#2	22070.	549.8	21020.	548.8	550.8	520.7
#3	22030.	546.6	20990.	546.9	550.8	519.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2138.**	F **2362.**	**523.5**	**533.3**	**533.4**	**545.4**
Stddev	6.	4.	2.5	2.0	1.5	1.7
%RSD	.2657	.1746	.4840	.3661	.2880	.3173
#1	2143.	2366.	523.2	535.4	534.8	547.1
#2	2138.	2360.	526.1	533.0	533.7	545.5
#3	2132.	2359.	521.1	531.5	531.8	543.6
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		2000.				
Range		15.00%				

Sample Name: lcs 460-31198/2-a Acquired: 3/5/2010 10:37:35 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**572.5**	**509.4**	**561.4**
Stddev	2.1	1.3	.5
%RSD	.3742	.2579	.0930
#1	574.9	510.5	560.8
#2	571.9	509.7	561.6
#3	570.8	508.0	561.7
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6070.4**	**127200.**	**17233.**
Stddev	4.3	480.	46.
%RSD	.07120	.37711	.26662
#1	6066.5	126880.	17195.
#2	6075.0	126960.	17219.
#3	6069.7	127750.	17284.

Sample Name: 460-10743-d-1-f du Acquired: 3/5/2010 10:44:04 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**27.85**	**14.21**	**-.0736**	**138.2**	**-.0123**	**59470.**
Stddev	16.28	.84	.0685	.3	.0138	77.
%RSD	58.46	5.881	93.03	.1975	111.7	.1298
#1	29.25	15.00	-.1396	138.5	-.0180	59440.
#2	43.39	14.28	-.0784	138.2	-.0224	59420.
#3	10.92	13.34	-.0029	137.9	.0034	59560.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1096**	**.8559**	**1.368**	**-1.635**	**6525.**	**4288.**
Stddev	.0254	.1624	.126	4.206	18.	24.
%RSD	23.13	18.98	9.187	257.2	.2760	.5675
#1	.1374	1.042	1.512	-.0500	6530.	4275.
#2	.0876	.7446	1.280	-6.404	6541.	4274.
#3	.1039	.7808	1.311	1.547	6505.	4316.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10743-d-1-f du Acquired: 3/5/2010 10:44:04 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**14270.**	**1030.**	**45940.**	**.6200**	**3.186**	**1.376**
Stddev	23.	3.	10.	.1285	.853	.780
%RSD	.1627	.3012	.0210	20.72	26.77	56.69
#1	14270.	1034.	45950.	.7493	4.146	2.276
#2	14290.	1028.	45950.	.4924	2.516	.9128
#3	14250.	1029.	45930.	.6184	2.896	.9382
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.192**	**1.569**	**.3646**	**7.549**	**28.10**	**1.459**
Stddev	.348	.565	.1972	.266	.15	.192
%RSD	29.19	35.99	54.08	3.528	.5265	13.17
#1	1.128	2.001	.1795	7.795	28.28	1.681
#2	1.568	1.777	.3424	7.587	28.03	1.365
#3	.8809	.9299	.5719	7.266	28.01	1.332
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10743-d-1-f du Acquired: 3/5/2010 10:44:04 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.5322**	**238.4**	**1.106**
Stddev	.2244	.4	.124
%RSD	42.17	.1718	11.20
#1	.7892	238.3	.9658
#2	.4325	238.1	1.150
#3	.3749	238.9	1.201
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6002.7**	**126340.**	**17055.**
Stddev	8.3	346.	14.
%RSD	.13848	.27387	.08496
#1	6005.2	125950.	17056.
#2	5993.5	126600.	17041.
#3	6009.5	126490.	17069.

Sample Name: 460-10743-d-1-e Acquired: 3/5/2010 10:50:39 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**31.37**	**12.85**	**-.0402**	**140.5**	**-.0203**	**60170.**
Stddev	.39	.44	.3900	.1	.0103	259.
%RSD	1.250	3.428	969.9	.0895	50.76	.4306
#1	31.75	13.28	-.3917	140.7	-.0085	60320.
#2	30.96	12.40	.3793	140.4	-.0251	60320.
#3	31.38	12.87	-.1081	140.5	-.0275	59870.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1242**	**.6096**	**1.246**	**-3.139**	**6590.**	**4329.**
Stddev	.0310	.0864	.199	3.202	5.	40.
%RSD	24.97	14.17	15.94	102.0	.0707	.9260
#1	.1553	.6418	1.466	-3.157	6585.	4352.
#2	.1241	.5117	1.079	-6.331	6594.	4351.
#3	.0933	.6752	1.193	.0721	6590.	4282.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10743-d-1-e Acquired: 3/5/2010 10:50:39 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**14530.**	**1050.**	**46640.**	**.2942**	**2.861**	**.3704**
Stddev	17.	4.	178.	.1121	.379	.1395
%RSD	.1164	.3406	.3810	38.11	13.26	37.67
#1	14550.	1054.	46630.	.1946	3.298	.4503
#2	14520.	1049.	46810.	.4157	2.618	.2093
#3	14520.	1047.	46460.	.2724	2.668	.4516
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.4439**	**-.0788**	**.0183**	**6.386**	**28.15**	**.7733**
Stddev	.4682	.0356	.1931	.025	.15	.1290
%RSD	105.5	45.23	1055.	.3993	.5222	16.68
#1	-.4915	-.0577	-.0760	6.405	28.31	.9124
#2	.0463	-.1199	.2404	6.357	28.02	.6575
#3	-.8864	-.0587	-.1095	6.395	28.11	.7501
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10743-d-1-e Acquired: 3/5/2010 10:50:39 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.2839**	**241.3**	**.8186**
Stddev	.1505	1.1	.0305
%RSD	53.02	.4441	3.721
#1	.3011	242.0	.8327
#2	.1255	242.0	.7836
#3	.4250	240.1	.8394
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6047.5**	**125740.**	**17137.**
Stddev	9.2	487.	50.
%RSD	.15181	.38737	.28892
#1	6037.3	125190.	17181.
#2	6050.0	125910.	17083.
#3	6055.1	126120.	17147.

Sample Name: sd 460-10743-d-1-e@5 Acquired: 3/5/2010 10:57:14 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5.999**	**2.339**	**-.3147**	**27.66**	**-.0090**	**11370.**
Stddev	5.948	.813	.0753	.07	.0509	17.
%RSD	99.15	34.75	23.93	.2414	567.7	.1514
#1	10.97	2.900	-.2983	27.68	-.0120	11390.
#2	-.5903	2.711	-.3968	27.71	-.0582	11350.
#3	7.615	1.407	-.2489	27.58	.0434	11360.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0252**	**.0664**	**.3772**	**.3978**	**1304.**	**804.9**
Stddev	.0220	.0888	.0623	1.107	3.	21.8
%RSD	87.37	133.7	16.51	278.2	.2438	2.703
#1	.0479	.1069	.3087	-.8730	1308.	823.9
#2	.0040	.1278	.3924	1.149	1305.	781.2
#3	.0236	-.0354	.4304	.9179	1301.	809.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-10743-d-1-e@5 Acquired: 3/5/2010 10:57:14 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2842.**	**201.3**	**8976.**	**.3209**	**.9986**	**.6225**
Stddev	3.	1.5	4.	.0704	.1024	.3330
%RSD	.0943	.7694	.0473	21.93	10.25	53.50
#1	2845.	199.5	8973.	.2912	.9232	.9878
#2	2843.	201.9	8981.	.2703	1.115	.5440
#3	2839.	202.4	8974.	.4013	.9575	.3357
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.5643**	**-.3336**	**-.1830**	**1.367**	**5.633**	**.2798**
Stddev	1.549	.8243	.1946	.066	.217	.0514
%RSD	274.4	247.1	106.3	4.850	3.856	18.37
#1	.8175	-.1289	.0314	1.443	5.810	.3382
#2	1.971	-1.241	-.2320	1.320	5.698	.2597
#3	-1.095	.3691	-.3484	1.338	5.391	.2414
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-10743-d-1-e@5 Acquired: 3/5/2010 10:57:14 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1053**	**45.99**	**.4595**
Stddev	.0785	.21	.0686
%RSD	74.51	.4504	14.93
#1	.1942	46.22	.3935
#2	.0457	45.83	.4547
#3	.0761	45.92	.5304
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6119.1**	**129750.**	**17164.**
Stddev	4.1	946.	48.
%RSD	.06725	.72872	.27978
#1	6114.9	130770.	17214.
#2	6123.1	129570.	17118.
#3	6119.3	128910.	17160.

Sample Name: 460-10743-d-1-g ms Acquired: 3/5/2010 11:03:51 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2172.**	**2097.**	**49.58**	**2250.**	**51.14**	**80080.**
Stddev	27.	6.	.62	5.	.57	813.
%RSD	1.239	.2959	1.255	.2410	1.111	1.015
#1	2201.	2092.	49.56	2250.	51.70	80940.
#2	2149.	2095.	50.21	2245.	50.56	79330.
#3	2165.	2104.	48.97	2256.	51.15	79980.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**51.75**	**525.0**	**213.0**	**259.4**	**7454.**	**25700.**
Stddev	.05	.8	1.3	2.9	25.	239.
%RSD	.0925	.1577	.6158	1.101	.3390	.9296
#1	51.74	525.7	214.0	262.7	7483.	25970.
#2	51.71	524.1	213.4	258.0	7436.	25500.
#3	51.81	525.4	211.5	257.5	7444.	25650.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10743-d-1-g ms Acquired: 3/5/2010 11:03:51 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**35380.**	**1559.**	**66360.**	**528.6**	**534.0**	**513.1**
Stddev	97.	5.	644.	.9	1.9	2.4
%RSD	.2736	.3098	.9704	.1653	.3508	.4751
#1	35490.	1564.	67030.	528.8	532.6	511.0
#2	35310.	1559.	65750.	527.6	533.4	512.4
#3	35340.	1554.	66300.	529.4	536.1	515.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2115.**	**2234.**	**519.9**	**525.8**	**554.9**	**533.6**
Stddev	7.	6.	1.6	.8	1.5	.9
%RSD	.3212	.2650	.3070	.1568	.2655	.1732
#1	2112.	2231.	521.2	525.3	555.2	533.7
#2	2110.	2231.	520.4	525.3	553.3	532.6
#3	2123.	2241.	518.1	526.7	556.2	534.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10743-d-1-g ms Acquired: 3/5/2010 11:03:51 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**561.5**	**749.8**	**548.3**
Stddev	1.3	7.3	1.8
%RSD	.2340	.9793	.3331
#1	563.0	757.5	550.2
#2	560.5	742.9	546.6
#3	560.9	749.0	548.0
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5974.6**	**124700.**	**16960.**
Stddev	7.9	427.	160.
%RSD	.13140	.34238	.94599
#1	5966.0	124570.	16851.
#2	5981.4	124350.	17144.
#3	5976.5	125180.	16884.

Sample Name: 460-10865-d-10-b Acquired: 3/5/2010 11:10:20 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.269**	**-.4956**	**-.1412**	**.4353**	**.0172**	**60.50**
Stddev	6.641	.2494	.2590	.1579	.0260	10.08
%RSD	523.2	50.32	183.4	36.28	151.2	16.66
#1	1.224	-.5869	-.3664	.6177	.0470	57.08
#2	-5.349	-.6865	-.1991	.3430	.0051	52.57
#3	7.933	-.2135	.1418	.3453	-.0005	71.84
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0164**	**.0505**	**.4288**	**2.532**	**-3.287**	**24.51**
Stddev	.0393	.0988	.1349	2.243	3.659	10.12
%RSD	239.7	195.6	31.47	88.58	111.3	41.28
#1	.0084	.0845	.5734	.9109	.3665	17.95
#2	.0591	.1278	.4066	5.091	-6.951	36.16
#3	-.0183	-.0608	.3063	1.593	-3.277	19.41
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10865-d-10-b Acquired: 3/5/2010 11:10:20 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12.59**	**.4922**	**171.3**	**.0518**	**.3281**	**.6145**
Stddev	2.03	.0777	6.5	.0379	.2819	.3373
%RSD	16.16	15.78	3.796	73.11	85.90	54.89
#1	14.75	.5287	170.7	.0868	.1701	.5801
#2	12.30	.5450	165.1	.0116	.6535	.2958
#3	10.71	.4030	178.1	.0569	.1607	.9677
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4386**	**1.139**	**-.2235**	**1.818**	**3.842**	**.4970**
Stddev	.2826	.614	.0206	.088	.170	.0866
%RSD	64.43	53.95	9.223	4.845	4.429	17.42
#1	.2435	1.789	-.2245	1.733	4.013	.5212
#2	.7627	1.059	-.2435	1.812	3.672	.4010
#3	.3097	.5679	-.2024	1.909	3.840	.5690
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10865-d-10-b Acquired: 3/5/2010 11:10:20 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.2547**	**.2130**	**.2407**
Stddev	.2274	.0756	.0966
%RSD	89.28	35.50	40.12
#1	-.0052	.1588	.3106
#2	.4171	.2994	.2809
#3	.3523	.1809	.1305
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6270.1**	**132810.**	**17388.**
Stddev	8.8	98.	60.
%RSD	.14091	.07384	.34672
#1	6275.4	132720.	17399.
#2	6275.0	132910.	17323.
#3	6259.9	132800.	17442.

Sample Name: CCV Acquired: 3/5/2010 11:16:57 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**120100.**	**2462.**	**1204.**	**10070.**	**980.0**	**121800.**
Stddev	1065.	10.	5.	39.	9.1	1033.
%RSD	.8870	.4252	.4346	.3844	.9283	.8484
#1	121100.	2454.	1198.	10030.	988.4	122800.
#2	120300.	2474.	1208.	10110.	981.4	121800.
#3	119000.	2459.	1207.	10050.	970.4	120800.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1232.**	**2514.**	**4984.**	**12140.**	**98340.**	**47960.**
Stddev	4.	11.	19.	113.	419.	318.
%RSD	.3590	.4199	.3724	.9298	.4257	.6637
#1	1229.	2509.	4964.	12250.	98050.	48250.
#2	1237.	2526.	5000.	12150.	98820.	48000.
#3	1231.	2506.	4989.	12020.	98150.	47620.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/5/2010 11:16:57 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123200.**	**4953.**	**120800.**	**2500.**	**7461.**	**992.2**
Stddev	749.	47.	966.	9.	34.	2.9
%RSD	.6074	.9468	.7997	.3780	.4560	.2946
#1	122400.	4900.	121700.	2495.	7432.	990.5
#2	123900.	4970.	120900.	2511.	7499.	995.6
#3	123300.	4990.	119800.	2495.	7454.	990.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2474.**	**2518.**	**2420.**	**2494.**	**1004.**	**2416.**
Stddev	10.	9.	8.	11.	4.	10.
%RSD	.3992	.3542	.3265	.4379	.3926	.4259
#1	2465.	2509.	2411.	2485.	1000.	2408.
#2	2484.	2527.	2426.	2506.	1008.	2428.
#3	2472.	2517.	2424.	2491.	1003.	2412.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/5/2010 11:16:57 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**988.8**	**4894.**	**9733.**
Stddev	3.2	36.	13.
%RSD	.3262	.7440	.1330
#1	986.4	4936.	9738.
#2	992.5	4872.	9718.
#3	987.5	4875.	9742.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5775.2**	**121860.**	**17180.**
Stddev	20.8	395.	71.
%RSD	.36025	.32434	.41230
#1	5792.9	122310.	17128.
#2	5752.3	121630.	17152.
#3	5780.4	121630.	17261.

Sample Name: CCB Acquired: 3/5/2010 11:24:04 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.6553**	**-.0404**	**-.3722**	**1.446**	**.0160**	**3.432**
Stddev	7.003	.0669	.0686	.465	.0392	5.563
%RSD	1069.	165.8	18.43	32.15	244.9	162.1
#1	8.739	-.0011	-.4512	.9560	.0500	9.856
#2	-3.223	-.0023	-.3383	1.881	-.0269	.2469
#3	-3.551	-.1177	-.3271	1.502	.0249	.1944
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2034**	**.3972**	**.3823**	**3.347**	**-1.112**	**.4652**
Stddev	.0695	.2115	.2939	1.036	.495	29.46
%RSD	34.19	53.25	76.87	30.94	44.49	6333.
#1	.1284	.2086	.1244	3.377	-1.681	-22.21
#2	.2657	.6259	.7023	4.368	-.7881	33.76
#3	.2162	.3570	.3202	2.297	-.8662	-10.16
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/5/2010 11:24:04 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8.866**	**.3556**	**-25.76**	**.3041**	**1.743**	**1.153**
Stddev	1.470	.0908	3.30	.0846	.789	.344
%RSD	16.58	25.54	12.82	27.81	45.25	29.81
#1	8.021	.2589	-22.86	.3286	1.088	1.521
#2	8.013	.3688	-25.06	.3737	2.619	.8403
#3	10.56	.4391	-29.35	.2100	1.524	1.098
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.005**	**2.209**	**.0108**	**.0813**	**1.557**	**1.519**
Stddev	.531	.778	.1840	.1231	.090	.270
%RSD	52.81	35.21	1710.	151.5	5.764	17.76
#1	1.598	2.245	-.0269	.0138	1.654	1.765
#2	.5734	2.968	-.1515	.2234	1.538	1.562
#3	.8447	1.414	.2107	.0067	1.478	1.231
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/5/2010 11:24:04 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.4865**	**.0982**	**.8583**
Stddev	.0683	.0871	.1524
%RSD	14.04	88.67	17.76
#1	.4157	.1755	.7319
#2	.5520	.1154	.8155
#3	.4919	.0038	1.028
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6189.6**	**131260.**	**17109.**
Stddev	13.8	503.	15.
%RSD	.22342	.38306	.08725
#1	6186.9	131840.	17093.
#2	6204.6	131010.	17111.
#3	6177.3	130930.	17123.

Sample Name: 460-10743-d-2-b Acquired: 3/5/2010 11:30:42 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**54.63**	**91.41**	**-.3067**	**141.4**	**.0246**	**98880.**
Stddev	6.98	.43	.1083	1.0	.0263	475.
%RSD	12.78	.4746	35.32	.6844	106.7	.4802
#1	52.59	91.42	-.2511	142.4	.0352	99050.
#2	62.41	91.83	-.2374	141.5	-.0053	99250.
#3	48.90	90.96	-.4315	140.5	.0439	98340.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1094**	**1.032**	**1.849**	**.6485**	**1183.**	**17990.**
Stddev	.0600	.188	.194	2.657	3.	52.
%RSD	54.84	18.27	10.50	409.7	.2735	.2895
#1	.1543	1.244	1.935	3.113	1185.	18000.
#2	.1328	.8850	1.626	-2.166	1180.	18040.
#3	.0413	.9659	1.984	.9993	1186.	17940.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10743-d-2-b Acquired: 3/5/2010 11:30:42 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**34310.**	**947.4**	**65520.**	**.6846**	**4.435**	**1.136**
Stddev	145.	.8	296.	.2361	.354	1.140
%RSD	.4211	.0895	.4514	34.48	7.989	100.4
#1	34470.	947.0	65590.	.9399	4.804	1.026
#2	34270.	948.4	65780.	.6396	4.406	2.326
#3	34190.	946.9	65200.	.4743	4.097	.0546
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.5495**	**.4281**	**1.991**	**5.896**	**111.3**	**1.268**
Stddev	.3669	.1266	.220	.063	.8	.116
%RSD	66.78	29.57	11.02	1.068	.6762	9.134
#1	-.6453	.4374	2.055	5.939	112.1	1.359
#2	-.1442	.5497	2.172	5.926	111.4	1.307
#3	-.8590	.2971	1.747	5.824	110.5	1.138
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10743-d-2-b Acquired: 3/5/2010 11:30:42 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.2031**	**391.0**	**1.800**
Stddev	.2720	1.7	.084
%RSD	133.9	.4424	4.682
#1	.3895	391.4	1.713
#2	-.1090	392.5	1.881
#3	.3288	389.1	1.806
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5959.0**	**123810.**	**17076.**
Stddev	9.9	665.	89.
%RSD	.16603	.53684	.52185
#1	5948.2	124500.	17032.
#2	5961.2	123180.	17017.
#3	5967.6	123740.	17179.

Sample Name: 460-10743-d-3-b Acquired: 3/5/2010 11:37:17 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**40.20**	**22.18**	**-.0419**	**132.0**	**.0371**	**60100.**
Stddev	4.95	.83	.2211	.8	.0137	63.
%RSD	12.31	3.730	528.4	.6282	36.87	.1043
#1	41.17	21.34	.1617	131.2	.0449	60150.
#2	44.59	22.20	-.2771	131.9	.0213	60120.
#3	34.84	23.00	-.0101	132.8	.0451	60030.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0941**	**3.828**	**.9265**	**-.9661**	**4981.**	**3745.**
Stddev	.0350	.160	.2557	2.664	11.	29.
%RSD	37.21	4.166	27.60	275.8	.2208	.7700
#1	.0667	3.721	1.212	-3.958	4974.	3715.
#2	.1336	3.752	.8491	-.0895	4976.	3746.
#3	.0820	4.011	.7184	1.150	4994.	3773.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10743-d-3-b Acquired: 3/5/2010 11:37:17 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**20570.**	**2122.**	**12130.**	**1.819**	**2.417**	**.2393**
Stddev	77.	12.	46.	.022	.276	.8260
%RSD	.3743	.5545	.3759	1.218	11.40	345.1
#1	20490.	2110.	12180.	1.839	2.459	-.3787
#2	20560.	2133.	12100.	1.795	2.670	-.0808
#3	20640.	2123.	12110.	1.823	2.123	1.177
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.7354**	**-.2404**	**.0868**	**5.953**	**40.94**	**1.530**
Stddev	2.090	.5801	.1687	.043	.26	.111
%RSD	284.2	241.3	194.5	.7203	.6298	7.228
#1	1.457	.0329	.1589	5.968	40.69	1.657
#2	-.9567	-.9067	-.1060	5.987	40.93	1.457
#3	-2.706	.1525	.2074	5.905	41.20	1.477
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10743-d-3-b Acquired: 3/5/2010 11:37:17 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.2850**	**221.8**	**1.208**
Stddev	.3318	.5	.064
%RSD	116.4	.2387	5.331
#1	.2223	222.4	1.183
#2	-.0110	221.5	1.281
#3	.6436	221.5	1.160
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6106.2**	**128550.**	**17202.**
Stddev	26.0	386.	43.
%RSD	.42510	.30011	.24897
#1	6129.3	128970.	17191.
#2	6111.1	128470.	17167.
#3	6078.1	128210.	17250.

Sample Name: 460-10743-d-6-b Acquired: 3/5/2010 11:44:01 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**28.51**	**11.15**	**-.1236**	**136.6**	**.0148**	**59210.**
Stddev	6.70	.12	.0414	1.6	.0368	244.
%RSD	23.51	1.046	33.50	1.163	248.3	.4123
#1	21.38	11.07	-.1088	136.0	.0101	59420.
#2	34.68	11.09	-.0917	135.4	.0537	59270.
#3	29.47	11.28	-.1704	138.4	-.0194	58940.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0927**	**.6163**	**.9529**	**1.606**	**6038.**	**4156.**
Stddev	.0067	.0694	.1758	.992	63.	25.
%RSD	7.247	11.26	18.45	61.76	1.037	.5986
#1	.0850	.6517	1.152	2.707	6012.	4132.
#2	.0961	.6610	.8206	1.327	5992.	4182.
#3	.0971	.5364	.8857	.7835	6109.	4154.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10743-d-6-b Acquired: 3/5/2010 11:44:01 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**14280.**	**1029.**	**47300.**	**.1767**	**2.536**	**.7007**
Stddev	133.	8.	166.	.0503	.309	.7491
%RSD	.9335	.7768	.3504	28.47	12.16	106.9
#1	14230.	1028.	47410.	.1894	2.346	.8065
#2	14180.	1021.	47370.	.2195	2.370	1.391
#3	14430.	1037.	47110.	.1213	2.892	-.0957
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2171**	**-.4094**	**.1586**	**6.412**	**25.88**	**.6731**
Stddev	.6072	.5633	.1732	.056	.40	.1228
%RSD	279.6	137.6	109.2	.8786	1.555	18.24
#1	.1652	.1848	.0868	6.352	25.89	.8134
#2	.1006	-.4772	.3561	6.419	25.47	.6209
#3	-.9172	-.9358	.0328	6.464	26.28	.5852
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10743-d-6-b Acquired: 3/5/2010 11:44:01 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1002**	**234.7**	**.8014**
Stddev	.1789	1.0	.0395
%RSD	178.6	.4417	4.932
#1	-.0827	235.5	.8471
#2	.1083	234.9	.7786
#3	.2749	233.5	.7786
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6153.1**	**126790.**	**17168.**
Stddev	50.2	841.	71.
%RSD	.81511	.66331	.41495
#1	6167.3	126710.	17092.
#2	6194.6	127660.	17178.
#3	6097.4	125990.	17234.

Sample Name: 10785-D-3-D@50 Acquired: 3/5/2010 11:50:36 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3444.**	**171.2**	**3.621**	**646.9**	**.0083**	**1938.**
Stddev	25.	1.0	.137	1.2	.0128	6.
%RSD	.7179	.5644	3.786	.1898	154.2	.2878
#1	3416.	172.2	3.605	647.6	.0030	1943.
#2	3460.	171.0	3.493	647.6	.0228	1940.
#3	3458.	170.3	3.766	645.5	-.0010	1932.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**133.5**	**1.115**	**9.638**	**584.6**	**30890.**	**140.2**
Stddev	.3	.141	.278	1.7	118.	28.2
%RSD	.2219	12.64	2.881	.2853	.3833	20.12
#1	133.6	.9958	9.707	583.2	30840.	167.5
#2	133.7	1.271	9.332	584.1	31030.	111.1
#3	133.1	1.080	9.875	586.4	30810.	142.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 10785-D-3-D@50 Acquired: 3/5/2010 11:50:36 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**440.1**	**56.94**	**639.7**	**6.067**	F **20040.**	**308.5**
Stddev	1.9	.18	10.1	.137	27.	.1
%RSD	.4258	.3132	1.572	2.262	.1367	.0373
#1	438.8	56.74	651.1	5.956	20060.	308.7
#2	442.2	56.98	636.1	6.220	20060.	308.5
#3	439.3	57.09	632.0	6.024	20010.	308.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					18000.	
Low Limit					-10.00	

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7.988**	**1.773**	**7.055**	F **17150.**	**3.387**	**-3.348**
Stddev	.870	.529	.255	26.	.147	.127
%RSD	10.89	29.85	3.620	.1491	4.346	3.804
#1	8.808	1.810	6.820	17160.	3.346	-3.340
#2	8.080	2.284	7.326	17180.	3.265	-3.225
#3	7.076	1.227	7.018	17130.	3.551	-3.479
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Sample Name: 10785-D-3-D@50 Acquired: 3/5/2010 11:50:36 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1040.**	**36.70**	**75.05**
Stddev	1.	.19	.35
%RSD	.1144	.5107	.4662
#1	1040.	36.61	75.00
#2	1041.	36.57	75.42
#3	1039.	36.91	74.73
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6186.5**	**130660.**	**16991.**
Stddev	9.6	402.	50.
%RSD	.15549	.30772	.29388
#1	6195.0	130720.	17042.
#2	6176.1	131020.	16988.
#3	6188.4	130220.	16943.

Sample Name: mb 460-31191/1-a Acquired: 3/5/2010 11:57:08 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.469**	**-.2235**	**-.2908**	**.1029**	**-.0164**	**5.769**
Stddev	2.185	.6155	.1311	.0503	.0315	9.170
%RSD	63.00	275.4	45.07	48.86	191.8	159.0
#1	2.118	-.1990	-.1560	.1275	.0084	-4.466
#2	5.990	-.8508	-.2987	.1362	-.0058	13.24
#3	2.298	.3794	-.4177	.0451	-.0519	8.533
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0842**	**.0721**	**.1667**	**1.845**	**3.516**	**-5.919**
Stddev	.0351	.1147	.0787	2.885	3.338	37.64
%RSD	41.70	159.1	47.20	156.3	94.94	636.0
#1	.0946	-.0575	.0767	-1.402	-.2209	32.35
#2	.1129	.1133	.2011	4.112	6.202	-42.90
#3	.0451	.1604	.2223	2.826	4.566	-7.202
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-31191/1-a Acquired: 3/5/2010 11:57:08 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.829**	**.1741**	**-38.49**	**-.0189**	**2.345**	**-.4021**
Stddev	.781	.0073	8.75	.0211	1.043	.5892
%RSD	20.40	4.175	22.72	111.8	44.50	146.5
#1	4.287	.1735	-30.05	.0025	3.543	-.0782
#2	4.271	.1671	-47.51	-.0397	1.639	-1.082
#3	2.927	.1816	-37.91	-.0195	1.852	-.0459
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.011**	**1.398**	**-.3095**	**2.627**	**-.0137**	**-.0631**
Stddev	.800	.364	.0433	.889	.1460	.1926
%RSD	79.13	26.07	13.99	33.84	1067.	305.3
#1	-1.073	1.473	-.2709	3.597	-.0945	.1587
#2	-1.779	1.719	-.3563	2.430	-.1014	-.1605
#3	-.1821	1.002	-.3012	1.853	.1549	-.1875
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-31191/1-a Acquired: 3/5/2010 11:57:08 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.0297**	**-.0372**	**.0398**
Stddev	.3096	.0966	.0378
%RSD	1043.	259.7	94.77
#1	.2346	.0350	.0815
#2	.0467	.0004	.0078
#3	-.3703	-.1470	.0303
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6426.1**	**135270.**	**17627.**
Stddev	21.3	275.	44.
%RSD	.33174	.20365	.25124
#1	6447.3	135030.	17646.
#2	6426.4	135570.	17577.
#3	6404.7	135210.	17659.

Sample Name: lcs 460-31191/2-a Acquired: 3/5/2010 12:03:43 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2092.**	**2063.**	**48.77**	**2113.**	**50.74**	**19910.**
Stddev	8.	5.	.21	4.	.19	22.
%RSD	.3999	.2336	.4382	.1828	.3683	.1108
#1	2100.	2060.	48.71	2110.	50.90	19920.
#2	2092.	2069.	49.01	2117.	50.79	19930.
#3	2083.	2062.	48.59	2112.	50.54	19890.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**52.45**	**526.1**	**209.1**	**260.1**	**1084.**	**20510.**
Stddev	.11	1.0	.1	3.8	5.	12.
%RSD	.2025	.1925	.0628	1.455	.5021	.0570
#1	52.44	526.3	209.2	263.7	1087.	20500.
#2	52.56	526.9	209.1	260.5	1077.	20520.
#3	52.35	524.9	209.0	256.2	1087.	20500.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-31191/2-a Acquired: 3/5/2010 12:03:43 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**21660.**	**526.6**	**20330.**	**536.4**	**541.8**	**499.1**
Stddev	9.	.9	40.	1.2	1.4	2.0
%RSD	.0412	.1778	.1943	.2256	.2555	.3951
#1	21650.	527.5	20340.	536.5	541.6	496.8
#2	21650.	526.8	20370.	537.6	543.2	500.1
#3	21670.	525.6	20290.	535.2	540.5	500.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2159.**	F **2333.**	**501.7**	**526.1**	**529.6**	**523.1**
Stddev	4.	5.	.6	.4	1.1	1.2
%RSD	.1860	.2207	.1237	.0742	.2069	.2258
#1	2155.	2329.	502.2	525.8	528.4	521.9
#2	2163.	2339.	501.8	526.5	530.5	524.3
#3	2158.	2331.	501.0	526.1	530.0	523.0
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		2000.				
Range		15.00%				

Sample Name: lcs 460-31191/2-a Acquired: 3/5/2010 12:03:43 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**560.5**	**488.6**	**534.3**
Stddev	1.5	.7	.4
%RSD	.2607	.1477	.0737
#1	559.3	488.9	533.9
#2	562.1	489.1	534.2
#3	559.9	487.7	534.7
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6194.6**	**129290.**	**17388.**
Stddev	14.5	219.	59.
%RSD	.23369	.16913	.34113
#1	6211.3	129360.	17336.
#2	6186.3	129040.	17374.
#3	6186.2	129460.	17453.

Sample Name: 460-10819-a-1-b du Acquired: 3/5/2010 12:10:13 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5.253**	**1.192**	**-.2115**	**.6040**	**.0131**	**40.60**
Stddev	8.263	.364	.3425	.2683	.0199	8.19
%RSD	157.3	30.53	161.9	44.42	151.8	20.18
#1	8.653	1.547	-.5846	.9087	-.0020	36.74
#2	-4.167	.8202	-.1387	.5001	.0056	50.01
#3	11.27	1.208	.0887	.4032	.0357	35.05
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0779**	**.2192**	**.2675**	**.8950**	**-2.505**	**30.18**
Stddev	.0264	.1084	.1459	2.974	4.697	14.52
%RSD	33.94	49.43	54.54	332.3	187.5	48.10
#1	.0897	.3357	.3223	3.520	-7.620	44.07
#2	.0476	.1213	.3780	1.499	-1.511	31.36
#3	.0963	.2007	.1021	-2.335	1.615	15.11
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10819-a-1-b du Acquired: 3/5/2010 12:10:13 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**14.77**	**.2349**	**-3.028**	**.0992**	**1.037**	**.4444**
Stddev	1.45	.0460	9.686	.1039	.423	.4324
%RSD	9.821	19.59	319.9	104.7	40.80	97.31
#1	13.43	.2012	8.126	.1851	1.399	.2485
#2	14.56	.2873	-9.322	-.0163	1.139	.1445
#3	16.31	.2161	-7.888	.1288	.5719	.9400
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2037**	**1.957**	**-.2198**	**6.137**	**2.816**	**.5087**
Stddev	.6783	.662	.0768	.147	.265	.2054
%RSD	333.0	33.86	34.94	2.398	9.409	40.37
#1	-.3570	2.716	-.2929	6.306	3.118	.7381
#2	-.7922	1.496	-.2268	6.043	2.621	.4463
#3	.5381	1.659	-.1397	6.061	2.710	.3418
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10819-a-1-b du Acquired: 3/5/2010 12:10:13 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**2.630**	**.0519**	**.2571**
Stddev	.044	.0198	.0261
%RSD	1.666	38.12	10.17
#1	2.649	.0441	.2359
#2	2.661	.0744	.2863
#3	2.580	.0372	.2491
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6323.2**	**134330.**	**17579.**
Stddev	39.9	16.	22.
%RSD	.63074	.01154	.12472
#1	6277.3	134350.	17556.
#2	6343.2	134320.	17580.
#3	6349.2	134320.	17600.

Sample Name: 460-10819-a-1-a Acquired: 3/5/2010 12:16:49 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.425**	**.2710**	**-.4654**	**.1668**	**-.0470**	**22.83**
Stddev	10.65	1.025	.3324	.0374	.0248	13.38
%RSD	240.8	378.4	71.41	22.43	52.74	58.59
#1	13.76	.8347	-.2030	.1318	-.0275	37.86
#2	6.698	.8906	-.3541	.1624	-.0387	12.24
#3	-7.183	-.9125	-.8391	.2062	-.0749	18.38
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0706**	**.2384**	**.0988**	**.0383**	**-4.330**	**-3.839**
Stddev	.0372	.0767	.1411	2.220	3.325	17.63
%RSD	52.72	32.17	142.8	5797.	76.80	459.1
#1	.0420	.1567	.2354	.8272	-4.233	-4.463
#2	.1126	.2497	.1074	-2.468	-7.703	14.09
#3	.0571	.3089	-.0464	1.756	-1.054	-21.15
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10819-a-1-a Acquired: 3/5/2010 12:16:49 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5.011**	**.0358**	**7.700**	**.0852**	**.2533**	**.1602**
Stddev	1.176	.0116	8.120	.1308	.5143	.7106
%RSD	23.47	32.36	105.5	153.4	203.0	443.7
#1	3.959	.0390	3.120	.2225	.7954	.3841
#2	6.281	.0230	17.08	.0710	-.2279	.7318
#3	4.793	.0455	2.905	-.0378	.1924	-.6354
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.4245**	**1.085**	**-.2935**	**6.140**	**2.214**	**.1193**
Stddev	.8621	.405	.0619	.072	.167	.0573
%RSD	203.1	37.31	21.09	1.175	7.526	48.01
#1	-.8819	.6327	-.2234	6.216	2.022	.1441
#2	-.9615	1.414	-.3405	6.073	2.298	.1600
#3	.5699	1.209	-.3167	6.130	2.322	.0538
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10819-a-1-a Acquired: 3/5/2010 12:16:49 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**2.224**	**-.0116**	**.1943**
Stddev	.368	.0299	.0118
%RSD	16.53	257.6	6.056
#1	2.619	-.0414	.2055
#2	2.160	.0185	.1953
#3	1.892	-.0120	.1820
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6338.6**	**136360.**	**17752.**
Stddev	13.6	3124.	276.
%RSD	.21406	2.2906	1.5531
#1	6323.1	134750.	17544.
#2	6348.4	139970.	18065.
#3	6344.2	134380.	17647.

Sample Name: sd 460-10819-a-1-a@5 Acquired: 3/5/2010 12:23:25 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8.453**	**.2213**	**-.4558**	**.0278**	**-.0145**	**8.471**
Stddev	7.547	.2604	.0381	.0322	.0067	7.166
%RSD	89.28	117.7	8.348	115.7	46.35	84.60
#1	-.2243	.0542	-.4303	.0624	-.0222	12.61
#2	13.49	.5213	-.4996	.0223	-.0101	.1961
#3	12.09	.0882	-.4377	-.0013	-.0112	12.60
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0043**	**.0240**	**.0962**	**3.135**	**1.478**	**-9.722**
Stddev	.0291	.0246	.1648	2.614	6.065	20.26
%RSD	684.4	102.5	171.3	83.39	410.5	208.4
#1	.0293	.0523	.2866	6.090	8.101	3.804
#2	-.0226	.0125	.0016	2.191	.1387	.0487
#3	-.0194	.0073	.0005	1.124	-3.807	-33.02
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-10819-a-1-a@5 Acquired: 3/5/2010 12:23:25 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.460**	**-.0167**	**-34.04**	**.1855**	**.3737**	**.3804**
Stddev	.629	.0384	6.26	.1266	.3534	.3093
%RSD	43.06	229.5	18.39	68.21	94.57	81.31
#1	1.117	-.0031	-26.91	.0458	.0202	.2320
#2	2.186	-.0601	-38.64	.2925	.3738	.1732
#3	1.078	.0130	-36.58	.2182	.7271	.7359
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.6012**	**.6724**	**-.0065**	**1.067**	**.5139**	**.1092**
Stddev	2.281	.2249	.2190	.052	.2098	.0471
%RSD	379.5	33.45	3352.	4.863	40.83	43.16
#1	1.817	.9114	-.2215	1.070	.6793	.1612
#2	-.9062	.6410	-.0143	1.117	.5845	.0693
#3	-2.715	.4649	.2162	1.013	.2779	.0972
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-10819-a-1-a@5 Acquired: 3/5/2010 12:23:25 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3776**	**-.0627**	**.0690**
Stddev	.4095	.1305	.0580
%RSD	108.5	208.0	84.12
#1	.6477	-.0084	.1011
#2	.5786	.0318	.1039
#3	-.0936	-.2116	.0020
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6186.7**	**130920.**	**16981.**
Stddev	49.8	595.	43.
%RSD	.80466	.45442	.25567
#1	6148.9	130290.	17010.
#2	6168.2	130990.	17002.
#3	6243.1	131480.	16931.

Sample Name: 460-10819-a-1-c ms Acquired: 3/5/2010 12:30:02 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2049.**	**2039.**	**47.99**	**2076.**	**49.25**	**19960.**
Stddev	5.	16.	.12	18.	.15	62.
%RSD	.2505	.7829	.2468	.8471	.3130	.3115
#1	2054.	2029.	48.08	2065.	49.15	20010.
#2	2043.	2030.	48.04	2067.	49.43	19980.
#3	2049.	2057.	47.86	2096.	49.16	19890.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**51.54**	**521.1**	**205.5**	**254.3**	**1076.**	**20580.**
Stddev	.47	3.0	1.0	.4	6.	62.
%RSD	.9209	.5793	.5021	.1655	.5729	.3036
#1	51.23	519.4	206.5	254.8	1072.	20580.
#2	51.30	519.2	205.4	254.2	1072.	20640.
#3	52.08	524.5	204.5	254.0	1083.	20520.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10819-a-1-c ms Acquired: 3/5/2010 12:30:02 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**21210.**	**522.6**	**20190.**	**529.2**	**534.1**	**502.1**
Stddev	130.	1.7	15.	4.1	4.6	3.9
%RSD	.6138	.3344	.0766	.7707	.8582	.7730
#1	21120.	524.6	20180.	527.0	531.5	499.6
#2	21160.	521.9	20200.	526.8	531.5	500.1
#3	21360.	521.3	20180.	534.0	539.4	506.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2119.**	**2288.**	**494.8**	**522.8**	**524.0**	**515.0**
Stddev	20.	19.	1.8	4.4	4.1	4.0
%RSD	.9626	.8515	.3724	.8473	.7883	.7725
#1	2102.	2274.	496.8	519.6	521.3	512.6
#2	2113.	2280.	494.4	520.9	521.9	512.7
#3	2141.	2310.	493.2	527.9	528.8	519.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10819-a-1-c ms Acquired: 3/5/2010 12:30:02 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**557.2**	**487.6**	**526.1**
Stddev	3.6	.9	3.2
%RSD	.6487	.1903	.6066
#1	554.4	488.2	524.0
#2	555.9	488.0	524.6
#3	561.3	486.5	529.8
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6228.9**	**130650.**	**17430.**
Stddev	41.7	490.	50.
%RSD	.66971	.37527	.28967
#1	6250.0	130090.	17488.
#2	6255.9	130940.	17396.
#3	6180.9	130930.	17406.

Sample Name: CCV Acquired: 3/5/2010 12:36:33 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**120900.**	**2450.**	**1192.**	**10020.**	**995.4**	**121400.**
Stddev	345.	17.	6.	60.	2.8	299.
%RSD	.2856	.6908	.5277	.6008	.2778	.2463
#1	120500.	2468.	1196.	10060.	992.6	121100.
#2	121200.	2448.	1185.	10040.	998.1	121500.
#3	121000.	2434.	1195.	9947.	995.6	121600.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1229.**	**2502.**	**5020.**	**12300.**	**98000.**	**47820.**
Stddev	8.	19.	23.	29.	231.	74.
%RSD	.6380	.7397	.4554	.2333	.2352	.1546
#1	1235.	2515.	5029.	12270.	98210.	47740.
#2	1232.	2511.	4994.	12330.	98030.	47850.
#3	1220.	2481.	5037.	12290.	97760.	47880.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/5/2010 12:36:33 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123900.**	**4933.**	**119800.**	**2496.**	**7389.**	**978.0**
Stddev	820.	13.	2345.	19.	41.	5.4
%RSD	.6618	.2654	1.958	.7515	.5510	.5514
#1	123900.	4919.	117100.	2510.	7414.	981.5
#2	124800.	4945.	121100.	2503.	7411.	980.8
#3	123100.	4936.	121100.	2474.	7342.	971.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2451.**	**2492.**	**2421.**	**2482.**	**990.1**	**2403.**
Stddev	14.	12.	11.	16.	4.9	15.
%RSD	.5723	.4617	.4649	.6399	.4943	.6330
#1	2463.	2501.	2425.	2493.	993.2	2413.
#2	2456.	2495.	2408.	2489.	992.7	2411.
#3	2436.	2479.	2430.	2464.	984.5	2385.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/5/2010 12:36:33 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**980.2**	**4867.**	**9669.**
Stddev	6.2	81.	70.
%RSD	.6360	1.670	.7274
#1	984.5	4825.	9735.
#2	983.1	4961.	9677.
#3	973.0	4815.	9595.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5766.0**	**120750.**	**16976.**
Stddev	19.7	410.	72.
%RSD	.34126	.33979	.42162
#1	5755.5	120580.	17055.
#2	5753.7	121220.	16915.
#3	5788.7	120450.	16958.

Sample Name: CCB Acquired: 3/5/2010 12:43:43 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**13.40**	**.9960**	**-.3598**	**.3657**	**.0272**	**-6.429**
Stddev	4.85	.2687	.0707	.0560	.0372	9.974
%RSD	36.20	26.98	19.65	15.32	136.8	155.1
#1	17.94	1.282	-.2874	.4274	-.0006	-5.809
#2	13.98	.9574	-.3633	.3181	.0127	3.219
#3	8.288	.7488	-.4286	.3516	.0695	-16.70
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0682**	**.0476**	**.4523**	**.3763**	**-3.603**	**-30.22**
Stddev	.0313	.0399	.1504	.8818	5.718	19.31
%RSD	45.86	83.78	33.25	234.3	158.7	63.89
#1	.0881	.0807	.2788	.7098	-9.213	-26.01
#2	.0321	.0033	.5446	-.6236	2.216	-13.36
#3	.0843	.0587	.5336	1.043	-3.813	-51.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/5/2010 12:43:43 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5.143**	**.1989**	**-26.54**	**.1127**	**1.108**	**.3571**
Stddev	.637	.0434	11.44	.1175	.063	.7581
%RSD	12.38	21.82	43.09	104.3	5.691	212.3
#1	4.619	.2126	-16.88	.1652	1.094	1.226
#2	4.959	.1503	-23.57	-.0219	1.177	.0168
#3	5.852	.2337	-39.17	.1947	1.053	-.1713
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.6035**	**1.874**	**-.1400**	**-.1804**	**2.057**	**1.280**
Stddev	.0412	.582	.2860	.0434	.353	.272
%RSD	6.834	31.04	204.3	24.07	17.17	21.25
#1	.5636	1.981	-.4436	-.1835	2.465	1.573
#2	.6459	2.395	-.1008	-.2223	1.870	1.233
#3	.6009	1.246	.1243	-.1356	1.837	1.035
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/5/2010 12:43:43 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3195**	**.1936**	**.7981**
Stddev	.1561	.0812	.0064
%RSD	48.88	41.95	.8075
#1	.4755	.1512	.7906
#2	.1632	.1423	.8018
#3	.3196	.2872	.8018
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6122.5**	**129790.**	**16816.**
Stddev	31.8	128.	27.
%RSD	.51871	.09828	.16107
#1	6086.5	129920.	16804.
#2	6134.0	129660.	16796.
#3	6146.8	129800.	16847.

Sample Name: 460-10781-h-1-c Acquired: 3/5/2010 12:50:21 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**37.49**	**2.430**	**-.4235**	**57.77**	**.1120**	**29190.**
Stddev	11.32	.600	.2547	.58	.0494	83.
%RSD	30.20	24.68	60.14	.9957	44.15	.2846
#1	26.83	3.021	-.3089	58.15	.1016	29250.
#2	49.38	2.448	-.7154	58.04	.1658	29090.
#3	36.26	1.822	-.2462	57.10	.0686	29220.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1078**	**.5495**	**1.728**	**46.89**	**150.8**	**24930.**
Stddev	.0379	.1622	.195	1.92	4.1	78.
%RSD	35.12	29.53	11.27	4.095	2.731	.3118
#1	.0957	.7092	1.526	48.62	155.5	25000.
#2	.1503	.5543	1.746	44.82	148.7	24850.
#3	.0775	.3849	1.914	47.24	148.1	24950.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10781-h-1-c Acquired: 3/5/2010 12:50:21 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12460.**	**10.30**	**199000.**	**3.474**	**1.114**	**.1570**
Stddev	32.	.08	2019.	.194	.580	.6097
%RSD	.2547	.8063	1.015	5.591	52.11	388.3
#1	12480.	10.39	200900.	3.637	1.108	-.4382
#2	12480.	10.22	196900.	3.527	.5362	.7803
#3	12430.	10.30	199200.	3.259	1.697	.1291
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.661**	**2.333**	**.9142**	**7.305**	F **2344.**	**9.462**
Stddev	.855	.128	.3189	.052	15.	.151
%RSD	51.47	5.491	34.89	.7089	.6453	1.592
#1	-1.950	2.185	.7046	7.359	2347.	9.537
#2	-2.333	2.413	1.281	7.301	2357.	9.561
#3	-.6986	2.401	.7567	7.256	2327.	9.289
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-50.00	

Sample Name: 460-10781-h-1-c Acquired: 3/5/2010 12:50:21 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.0021**	**93.19**	**1.866**
Stddev	.1015	.26	.085
%RSD	4809.	.2760	4.546
#1	.1148	93.19	1.921
#2	-.0670	92.93	1.908
#3	-.0542	93.44	1.768
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6043.2**	**125340.**	**17462.**
Stddev	19.2	166.	20.
%RSD	.31737	.13244	.11289
#1	6040.4	125170.	17441.
#2	6025.7	125500.	17465.
#3	6063.7	125350.	17480.

Sample Name: 460-10801-a-1-a Acquired: 3/5/2010 12:57:05 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**90.85**	**1.472**	**-.3904**	**47.58**	**.0148**	**38050.**
Stddev	8.99	.243	.3392	.25	.0071	34.
%RSD	9.896	16.53	86.89	.5177	48.16	.0906
#1	86.66	1.735	-.7816	47.86	.0073	38090.
#2	101.2	1.423	-.1773	47.47	.0156	38050.
#3	84.72	1.256	-.2123	47.41	.0214	38020.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4514**	**-.1523**	**.8916**	**15.03**	**14.39**	**17580.**
Stddev	.0190	.0913	.1148	2.68	5.86	42.
%RSD	4.209	59.98	12.87	17.82	40.69	.2368
#1	.4571	-.1299	.9863	12.54	17.78	17580.
#2	.4668	-.2527	.7639	17.86	17.76	17540.
#3	.4302	-.0742	.9244	14.69	7.628	17620.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10801-a-1-a Acquired: 3/5/2010 12:57:05 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12610.**	**6.593**	**175800.**	**2.372**	**2.494**	**-.3347**
Stddev	56.	.015	855.	.049	.732	1.082
%RSD	.4454	.2254	.4866	2.065	29.34	323.2
#1	12650.	6.610	176600.	2.378	3.318	-1.569
#2	12630.	6.586	175800.	2.417	1.921	.1156
#3	12550.	6.583	174900.	2.320	2.243	.4492
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.245**	**2.424**	**.0908**	**102.0**	**60.74**	**.5701**
Stddev	.667	.964	.0801	.4	.43	.1263
%RSD	53.63	39.75	88.19	.3499	.7050	22.16
#1	-1.879	3.178	.0444	102.4	61.19	.6320
#2	-1.307	1.338	.1832	102.0	60.70	.4247
#3	-.5480	2.756	.0447	101.7	60.34	.6535
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10801-a-1-a Acquired: 3/5/2010 12:57:05 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.0531**	**224.0**	**.9607**
Stddev	.1654	.2	.0404
%RSD	311.6	.1083	4.202
#1	-.2431	224.3	.9685
#2	.0590	223.8	.9966
#3	.0248	224.0	.9170
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6012.0**	**124390.**	**17187.**
Stddev	18.7	567.	21.
%RSD	.31086	.45612	.12402
#1	5997.4	124400.	17168.
#2	6005.5	124950.	17210.
#3	6033.1	123820.	17184.

Sample Name: 460-10803-c-2-a Acquired: 3/5/2010 13:03:49 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**53.32**	**7.431**	**-.5709**	**196.9**	**.0040**	**129700.**
Stddev	5.39	.255	.3901	1.2	.0188	373.
%RSD	10.12	3.434	68.33	.6215	472.3	.2872
#1	48.49	7.676	-.9047	195.9	-.0174	130000.
#2	59.14	7.451	-.6659	196.5	.0177	129800.
#3	52.34	7.167	-.1421	198.3	.0117	129300.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0439**	**4.718**	**5.242**	**2.704**	**162.6**	**74700.**
Stddev	.0171	.123	.185	2.018	1.5	159.
%RSD	39.03	2.606	3.522	74.61	.9117	.2126
#1	.0503	4.608	5.381	.6328	160.9	74880.
#2	.0245	4.694	5.032	4.664	163.7	74650.
#3	.0569	4.850	5.312	2.817	163.2	74570.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10803-c-2-a Acquired: 3/5/2010 13:03:49 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**248300.**	**25.04**	F **1810000.**	**38.57**	**3.597**	**1.662**
Stddev	2486.	.13	22980.	.30	.501	1.177
%RSD	1.001	.5304	1.270	.7657	13.94	70.83
#1	246800.	25.13	1826000.	38.64	3.304	1.274
#2	246900.	25.11	1820000.	38.25	3.311	2.984
#3	251100.	24.89	1783000.	38.82	4.176	.7283
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.4084**	**1.942**	**1.881**	**9.549**	**1464.**	**1.365**
Stddev	1.815	.514	.084	.156	6.	.138
%RSD	444.5	26.46	4.458	1.630	.4382	10.07
#1	-1.497	1.376	1.978	9.381	1461.	1.207
#2	-1.415	2.378	1.827	9.576	1461.	1.448
#3	1.687	2.071	1.838	9.689	1472.	1.441
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10803-c-2-a Acquired: 3/5/2010 13:03:49 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.8348**	**1183.**	**.4989**
Stddev	.3606	3.	.0650
%RSD	43.19	.2946	13.03
#1	.5093	1186.	.5719
#2	.7728	1184.	.4774
#3	1.222	1180.	.4473
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5294.9**	**107750.**	**16195.**
Stddev	23.5	247.	77.
%RSD	.44447	.22932	.47751
#1	5303.0	107470.	16284.
#2	5313.3	107840.	16155.
#3	5268.4	107940.	16145.

Sample Name: 460-10806-b-2-a Acquired: 3/5/2010 13:10:42 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**206.0**	**5.365**	**.1172**	**106.8**	**.0607**	**35680.**
Stddev	10.9	.486	.1415	.5	.0226	77.
%RSD	5.293	9.067	120.8	.4581	37.25	.2145
#1	204.0	5.085	.2727	107.2	.0779	35610.
#2	196.2	5.083	-.0041	106.3	.0692	35760.
#3	217.7	5.927	.0829	107.0	.0351	35680.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2052**	**1.799**	**2.446**	**107.2**	**2100.**	**5848.**
Stddev	.0277	.056	.257	1.5	11.	3.
%RSD	13.49	3.131	10.52	1.401	.5380	.0571
#1	.2192	1.825	2.309	107.6	2099.	5844.
#2	.2232	1.837	2.287	108.5	2090.	5850.
#3	.1734	1.734	2.743	105.5	2112.	5850.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10806-b-2-a Acquired: 3/5/2010 13:10:42 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11840.**	**224.7**	**174700.**	**8.599**	**4.435**	**.3828**
Stddev	43.	.2	1111.	.291	.326	.8600
%RSD	.3639	.1010	.6361	3.383	7.356	224.7
#1	11820.	224.4	173700.	8.265	4.083	1.312
#2	11800.	224.7	175900.	8.798	4.495	.2223
#3	11890.	224.9	174400.	8.734	4.727	-.3858
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.666**	**1.391**	**.0005**	**98.56**	**57.43**	**525.0**
Stddev	.955	1.201	.1728	.35	.25	2.2
%RSD	57.35	86.32	33620.	.3554	.4410	.4243
#1	-2.720	1.276	-.0870	98.73	57.71	526.1
#2	-1.421	2.645	-.1110	98.15	57.22	522.4
#3	-.8569	.2520	.1995	98.78	57.35	526.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10806-b-2-a Acquired: 3/5/2010 13:10:42 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**2.266**	**223.3**	**5.356**
Stddev	.195	.2	.106
%RSD	8.613	.0785	1.977
#1	2.087	223.3	5.398
#2	2.474	223.4	5.235
#3	2.236	223.1	5.434
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6018.6**	**123210.**	**16914.**
Stddev	17.9	109.	40.
%RSD	.29820	.08856	.23627
#1	6026.2	123330.	16955.
#2	6031.5	123190.	16913.
#3	5998.1	123110.	16875.

Sample Name: 460-10836-f-1-b Acquired: 3/5/2010 13:17:26 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**42.07**	**.0954**	**.2077**	**1723.**	**-.0511**	**107500.**
Stddev	3.42	1.038	.1211	10.	.0612	566.
%RSD	8.130	1087.	58.29	.5561	119.8	.5263
#1	38.13	-.4788	.3256	1717.	-.1168	108100.
#2	43.76	1.293	.0837	1734.	.0043	107400.
#3	44.31	-.5284	.2137	1718.	-.0408	106900.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3509**	**.7304**	**.2482**	**.6873**	**27620.**	**11960.**
Stddev	.0050	.0846	.2147	.5684	121.	74.
%RSD	1.416	11.59	86.49	82.69	.4381	.6183
#1	.3554	.7989	.4955	.4965	27700.	12030.
#2	.3518	.7567	.1087	.2389	27690.	11960.
#3	.3456	.6358	.1405	1.327	27480.	11880.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10836-f-1-b Acquired: 3/5/2010 13:17:26 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12360.**	**841.9**	**102000.**	**4.413**	**6.056**	**-.4923**
Stddev	78.	1.0	412.	.189	.417	.6411
%RSD	.6316	.1219	.4039	4.291	6.889	130.2
#1	12400.	843.0	102400.	4.632	5.586	-1.232
#2	12400.	841.2	102000.	4.312	6.382	-.1535
#3	12270.	841.4	101600.	4.296	6.200	-.0918
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.900**	**.7391**	**.1836**	**43.78**	F **2350.**	**.6234**
Stddev	.088	.1428	.0705	.30	13.	.0827
%RSD	4.626	19.32	38.38	.6828	.5691	13.27
#1	-1.808	.7358	.1810	43.69	2342.	.7047
#2	-1.983	.8834	.1145	44.11	2366.	.6261
#3	-1.909	.5979	.2554	43.54	2343.	.5393
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-50.00	

Sample Name: 460-10836-f-1-b Acquired: 3/5/2010 13:17:26 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.3684**	**890.5**	**.3110**
Stddev	.1200	4.2	.0761
%RSD	32.58	.4708	24.46
#1	-.2380	895.0	.3912
#2	-.4741	889.8	.3017
#3	-.3930	886.7	.2399
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6014.8**	**124710.**	**16836.**
Stddev	27.9	161.	66.
%RSD	.46405	.12928	.39227
#1	6011.4	124700.	16783.
#2	5988.8	124550.	16815.
#3	6044.3	124870.	16910.

Sample Name: 460-10850-a-2-a Acquired: 3/5/2010 13:24:00 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**674.5**	**3.414**	**74.24**	**26.44**	**-.0119**	**50540.**
Stddev	2.2	.600	.51	.10	.0309	128.
%RSD	.3240	17.58	.6903	.3918	259.1	.2525
#1	674.6	4.055	74.64	26.56	-.0458	50620.
#2	672.3	2.865	74.41	26.37	.0147	50600.
#3	676.7	3.322	73.66	26.39	-.0047	50390.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1207**	**70.21**	**36.68**	**49.61**	**1304.**	F **110600.**
Stddev	.0437	.35	.51	2.19	9.	261.
%RSD	36.21	.4972	1.388	4.406	.6550	.2360
#1	.0763	70.54	37.18	47.87	1311.	110700.
#2	.1636	70.24	36.70	52.06	1306.	110700.
#3	.1222	69.85	36.17	48.89	1294.	110300.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						100000.
Low Limit						-5000.

Sample Name: 460-10850-a-2-a Acquired: 3/5/2010 13:24:00 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19670.**	**31.95**	**99750.**	**284.2**	**5.856**	**.4575**
Stddev	56.	.32	223.	.6	.382	.1936
%RSD	.2859	.9952	.2240	.2256	6.521	42.33
#1	19720.	32.25	99930.	284.6	6.297	.4827
#2	19680.	31.97	99830.	284.6	5.656	.2525
#3	19610.	31.62	99500.	283.5	5.616	.6372
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3105**	**1.626**	**3.050**	**31.45**	**439.6**	**37.80**
Stddev	.7478	.096	.098	.15	1.5	.19
%RSD	240.8	5.911	3.209	.4799	.3494	.5056
#1	.6101	1.695	3.153	31.56	439.1	37.61
#2	-.5406	1.668	2.958	31.50	441.3	37.99
#3	.8620	1.517	3.040	31.28	438.4	37.80
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10850-a-2-a Acquired: 3/5/2010 13:24:00 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.1958**	**133.4**	**69.05**
Stddev	.2909	.4	.31
%RSD	148.6	.3039	.4520
#1	.0644	133.8	69.36
#2	-.1420	133.3	69.05
#3	-.5098	133.0	68.74
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6335.8**	**132900.**	**18019.**
Stddev	12.6	801.	17.
%RSD	.19915	.60252	.09561
#1	6348.7	132140.	17999.
#2	6335.0	132820.	18030.
#3	6323.5	133740.	18028.

Sample Name: 460-10862-a-1-a Acquired: 3/5/2010 13:30:36 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**24.60**	**1.056**	**-.6785**	**11.39**	**-.0608**	**73760.**
Stddev	4.55	.246	.1068	.10	.0468	1178.
%RSD	18.51	23.32	15.74	.8678	77.06	1.597
#1	29.40	.8318	-.6744	11.45	-.0979	75110.
#2	24.05	1.016	-.5738	11.44	-.0081	73130.
#3	20.34	1.320	-.7873	11.28	-.0764	73020.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1517**	**.0550**	**.8733**	**13.44**	**831.9**	**3922.**
Stddev	.0272	.2193	.1987	1.01	6.2	53.
%RSD	17.96	399.0	22.75	7.527	.7446	1.346
#1	.1831	-.0025	.6488	14.54	824.8	3981.
#2	.1376	.2973	1.027	13.24	835.1	3880.
#3	.1344	-.1299	.9445	12.55	835.9	3906.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10862-a-1-a Acquired: 3/5/2010 13:30:36 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7468.**	**19.74**	F **313000.**	**6.875**	**1.007**	**.2841**
Stddev	15.	.04	13240.	.227	.664	1.171
%RSD	.2009	.2191	4.230	3.308	65.99	412.1
#1	7453.	19.69	328300.	6.763	1.345	1.387
#2	7468.	19.75	305600.	7.137	.2414	.4093
#3	7483.	19.77	305100.	6.726	1.435	-.9444
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.628**	**1.946**	**-.2704**	**57.93**	**27.37**	**5.525**
Stddev	.655	.425	.3019	.11	.53	.141
%RSD	40.23	21.86	111.7	.1929	1.919	2.542
#1	-1.747	1.457	-.6152	57.82	27.96	5.580
#2	-.9221	2.143	-.1430	57.93	27.20	5.630
#3	-2.216	2.236	-.0531	58.05	26.95	5.366
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10862-a-1-a Acquired: 3/5/2010 13:30:36 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	.2321	163.7	.5758
Stddev	.2693	2.7	.0410
%RSD	116.0	1.642	7.125
#1	-.0651	166.8	.5937
#2	.4600	162.3	.5289
#3	.3013	162.0	.6049
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5883.4	121550.	16721.
Stddev	31.3	272.	195.
%RSD	.53156	.22379	1.1684
#1	5919.2	121840.	16499.
#2	5870.1	121300.	16869.
#3	5861.1	121510.	16795.

Sample Name: mb 460-31296/1-a Acquired: 3/5/2010 13:37:20 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.370**	**.2011**	**-.6860**	**.0397**	**-.0258**	**10.75**
Stddev	3.080	.4789	.1506	.0129	.0270	9.53
%RSD	91.41	238.1	21.95	32.57	104.7	88.60
#1	6.306	.6956	-.8066	.0253	-.0011	13.84
#2	.1634	.1681	-.7342	.0436	-.0545	.0653
#3	3.640	-.2604	-.5172	.0504	-.0216	18.36
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0320**	**-.0582**	**.2854**	**.1002**	**-6.099**	**42.14**
Stddev	.0304	.0888	.1701	2.113	4.874	30.86
%RSD	94.86	152.6	59.60	2109.	79.90	73.24
#1	.0077	-.0207	.2002	.2232	-9.103	77.41
#2	.0222	.0057	.4813	2.149	-8.719	20.14
#3	.0660	-.1596	.1748	-2.071	-.4762	28.85
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-31296/1-a Acquired: 3/5/2010 13:37:20 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.117**	**.0512**	**164.8**	**-.0810**	**.6311**	**.2427**
Stddev	.432	.0115	11.5	.1615	.6037	.5265
%RSD	10.50	22.45	6.953	199.5	95.65	216.9
#1	3.674	.0538	158.4	-.2546	-.0006	.8184
#2	4.537	.0612	158.1	.0648	.6916	-.2142
#3	4.140	.0386	178.1	-.0531	1.202	.1239
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.6085**	**.7152**	**-.2495**	**1.544**	**4.267**	**.0910**
Stddev	.6998	.3411	.1390	.077	.141	.0365
%RSD	115.0	47.70	55.71	5.012	3.301	40.09
#1	-1.178	1.093	-.3011	1.460	4.410	.0500
#2	.1727	.6221	-.0921	1.612	4.262	.1031
#3	-.8204	.4303	-.3554	1.560	4.128	.1198
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-31296/1-a Acquired: 3/5/2010 13:37:20 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1284**	**-.0237**	**.0835**
Stddev	.1446	.0360	.0896
%RSD	112.6	152.4	107.4
#1	.2105	-.0488	-.0195
#2	.2133	-.0398	.1256
#3	-.0385	.0176	.1443
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6162.5**	**131140.**	**16898.**
Stddev	23.2	200.	42.
%RSD	.37726	.15254	.24870
#1	6140.1	131140.	16865.
#2	6186.5	131340.	16884.
#3	6160.8	130940.	16946.

Sample Name: ICSA 371312 Acquired: 3/5/2010 13:43:57 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**489200.**	**-1.598**	**.5612**	**1.118**	**-.0893**	**482400.**
Stddev	944.	.815	.3611	.105	.0413	9048.
%RSD	.1928	51.02	64.35	9.379	46.22	1.876
#1	489700.	-1.665	.1683	1.200	-.0677	487500.
#2	488100.	-2.377	.6365	1.000	-.1369	471900.
#3	489900.	-.7509	.8787	1.155	-.0633	487700.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.004**	**2.477**	**-.1575**	**10.76**	**188700.**	**-154.5**
Stddev	.060	.080	.1058	2.23	518.	25.3
%RSD	3.000	3.234	67.14	20.71	.2745	16.36
#1	1.975	2.489	-.0683	8.342	188400.	-183.5
#2	1.963	2.549	-.1299	12.73	189300.	-142.5
#3	2.073	2.391	-.2744	11.19	188500.	-137.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/5/2010 13:43:57 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**491500.**	**1.485**	**144.8**	**1.697**	**-4.238**	**2.454**
Stddev	1874.	.016	14.0	.247	.666	1.357
%RSD	.3814	1.048	9.688	14.54	15.71	55.30
#1	492600.	1.468	142.9	1.597	-4.388	3.739
#2	492500.	1.490	131.8	1.516	-4.816	2.589
#3	489300.	1.498	159.7	1.978	-3.510	1.035
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.9995**	**.2966**	**1.895**	**-1.839**	**5.372**	**-2.299**
Stddev	2.403	.6704	.198	.103	.448	.065
%RSD	240.4	226.0	10.42	5.627	8.345	2.845
#1	-.8729	.3480	1.888	-1.956	5.829	-2.293
#2	.1624	.9398	2.096	-1.804	5.354	-2.367
#3	3.709	-.3980	1.701	-1.758	4.933	-2.236
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/5/2010 13:43:57 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1599**	**-7.489**	**-2.636**
Stddev	.2315	.209	.024
%RSD	144.8	2.797	.9259
#1	-.0425	-7.518	-2.658
#2	.4124	-7.266	-2.610
#3	.1099	-7.682	-2.640
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5569.2**	**113050.**	**16592.**
Stddev	9.6	160.	173.
%RSD	.17179	.14117	1.0431
#1	5580.2	113040.	16421.
#2	5563.7	113210.	16767.
#3	5563.6	112890.	16587.

Sample Name: ICSAB 371336 Acquired: 3/5/2010 13:50:55 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**488700.**	**91.24**	**100.3**	**99.03**	**95.17**	**494100.**
Stddev	4733.	1.62	.9	1.27	.35	1864.
%RSD	.9684	1.770	.9171	1.284	.3631	.3772
#1	493900.	92.34	100.6	99.15	95.48	495700.
#2	487700.	92.00	100.9	100.2	95.24	494700.
#3	484600.	89.39	99.22	97.70	94.79	492100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**94.41**	**96.07**	**99.38**	**94.04**	**187100.**	**9868.**
Stddev	1.16	1.27	.64	1.57	2497.	31.
%RSD	1.224	1.317	.6476	1.670	1.335	.3141
#1	94.33	96.39	100.0	95.82	187900.	9896.
#2	95.60	97.14	99.37	92.85	189100.	9874.
#3	93.29	94.67	98.74	93.44	184300.	9835.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/5/2010 13:50:55 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**481000.**	**99.00**	**10170.**	**94.43**	**89.54**	**93.17**
Stddev	2717.	.39	22.	1.12	1.38	1.19
%RSD	.5649	.3899	.2167	1.180	1.544	1.282
#1	481300.	99.44	10190.	94.60	91.14	94.19
#2	483600.	98.74	10150.	95.45	88.70	93.47
#3	478200.	98.81	10160.	93.24	88.79	91.86
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**93.85**	**93.86**	**99.10**	**90.50**	**99.56**	**91.56**
Stddev	1.59	.10	.69	1.31	1.53	1.20
%RSD	1.699	.1092	.7008	1.453	1.533	1.314
#1	94.57	93.74	99.89	90.41	100.0	91.76
#2	94.96	93.92	98.60	91.85	100.8	92.65
#3	92.02	93.91	98.81	89.23	97.85	90.27
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/5/2010 13:50:55 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**96.19**	**89.68**	**93.00**
Stddev	1.37	.13	1.37
%RSD	1.422	.1478	1.473
#1	96.50	89.67	93.36
#2	97.38	89.82	94.15
#3	94.70	89.55	91.48
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5564.8**	**112610.**	**16221.**
Stddev	65.0	376.	30.
%RSD	1.1676	.33408	.18745
#1	5548.2	112180.	16246.
#2	5509.7	112900.	16187.
#3	5636.5	112750.	16229.

Sample Name: CCV Acquired: 3/5/2010 13:57:54 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**119700.**	**2437.**	**1173.**	**10020.**	**975.6**	**120700.**
Stddev	383.	39.	2.	150.	3.1	377.
%RSD	.3201	1.617	.1704	1.491	.3221	.3121
#1	120000.	2465.	1171.	10130.	977.1	120900.
#2	119900.	2455.	1173.	10090.	977.8	120900.
#3	119300.	2392.	1175.	9852.	972.0	120300.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1233.**	**2517.**	**5026.**	**12110.**	**97790.**	**47960.**
Stddev	19.	45.	8.	34.	803.	158.
%RSD	1.571	1.769	.1505	.2846	.8211	.3287
#1	1247.	2548.	5026.	12120.	98260.	48050.
#2	1241.	2537.	5019.	12130.	98250.	48050.
#3	1211.	2466.	5034.	12070.	96860.	47770.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/5/2010 13:57:54 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123600.**	**4897.**	**120300.**	**2512.**	**7386.**	**967.9**
Stddev	1083.	15.	370.	41.	114.	16.3
%RSD	.8762	.3033	.3073	1.624	1.548	1.686
#1	123300.	4908.	120600.	2541.	7466.	978.6
#2	124700.	4880.	120500.	2530.	7438.	976.0
#3	122600.	4902.	119900.	2465.	7255.	949.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2435.**	**2481.**	**2400.**	**2498.**	**982.2**	**2405.**
Stddev	38.	35.	3.	41.	15.0	37.
%RSD	1.579	1.427	.1120	1.657	1.524	1.543
#1	2461.	2505.	2398.	2528.	991.3	2431.
#2	2453.	2497.	2399.	2516.	990.3	2422.
#3	2391.	2440.	2403.	2451.	964.9	2362.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/5/2010 13:57:54 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**984.0**	**4878.**	**9520.**
Stddev	17.7	13.	78.
%RSD	1.803	.2746	.8206
#1	997.2	4864.	9610.
#2	990.9	4890.	9468.
#3	963.8	4881.	9482.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5752.1**	**120530.**	**16641.**
Stddev	54.7	64.	58.
%RSD	.95103	.05320	.34840
#1	5719.0	120460.	16582.
#2	5722.2	120560.	16644.
#3	5815.3	120580.	16698.

Sample Name: CCB Acquired: 3/5/2010 14:05:01 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**15.24**	**.9855**	**-.2033**	**2.710**	**.1214**	**-.0657**
Stddev	3.15	.3992	.2149	1.139	.0235	.8245
%RSD	20.69	40.51	105.7	42.02	19.33	1256.
#1	16.75	1.431	-.0220	1.397	.1439	.4625
#2	11.62	.8646	-.4407	3.427	.1231	.3563
#3	17.35	.6606	-.1473	3.306	.0971	-1.016
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3208**	**.5839**	**.5745**	**4.892**	**8.358**	**-43.75**
Stddev	.1478	.2123	.1862	.755	2.007	13.58
%RSD	46.06	36.37	32.42	15.44	24.01	31.04
#1	.1514	.3387	.5439	5.705	8.017	-34.17
#2	.3881	.7025	.7741	4.758	10.51	-59.29
#3	.4230	.7104	.4054	4.212	6.543	-37.80
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/5/2010 14:05:01 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**15.34**	**.5900**	**19.08**	**.6653**	**2.091**	**1.005**
Stddev	1.09	.0242	9.96	.2272	1.063	.534
%RSD	7.132	4.098	52.20	34.16	50.82	53.17
#1	16.59	.5653	27.80	.4032	1.134	.4941
#2	14.86	.6137	21.23	.7862	3.234	1.560
#3	14.56	.5910	8.224	.8065	1.905	.9610
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3558**	**2.313**	**.1123**	**.3079**	**2.719**	**1.787**
Stddev	.9447	.433	.2745	.2667	.383	.206
%RSD	265.5	18.71	244.4	86.62	14.09	11.51
#1	.6959	2.806	.4232	.0009	3.161	1.963
#2	-.7118	1.995	-.0967	.4824	2.483	1.838
#3	1.083	2.139	.0105	.4403	2.512	1.561
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/5/2010 14:05:01 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.6141**	**.5334**	**1.581**
Stddev	.0617	.0936	.079
%RSD	10.04	17.56	4.978
#1	.5807	.4692	1.498
#2	.5764	.4901	1.654
#3	.6853	.6409	1.593
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6033.0**	**129070.**	**16495.**
Stddev	25.2	297.	72.
%RSD	.41719	.23021	.43346
#1	6006.1	129070.	16545.
#2	6037.0	129370.	16528.
#3	6055.9	128770.	16413.

Sample Name: lcs 460-31296/2-a Acquired: 3/5/2010 14:11:39 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2041.**	**1981.**	**45.79**	**2069.**	**48.00**	**19710.**
Stddev	12.	15.	.31	15.	.05	55.
%RSD	.5756	.7460	.6867	.7477	.1139	.2777
#1	2054.	1968.	45.67	2055.	48.03	19730.
#2	2032.	1980.	45.55	2066.	48.04	19760.
#3	2037.	1997.	46.15	2086.	47.94	19650.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**50.94**	**523.4**	**205.7**	**249.1**	**1080.**	**20550.**
Stddev	.29	2.3	.3	.9	7.	37.
%RSD	.5675	.4332	.1647	.3624	.6275	.1801
#1	50.67	521.4	205.3	250.1	1073.	20590.
#2	50.91	523.1	206.0	248.3	1087.	20540.
#3	51.24	525.9	205.6	248.9	1081.	20520.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-31296/2-a Acquired: 3/5/2010 14:11:39 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**20850.**	**516.0**	**20050.**	**528.6**	**525.3**	**484.2**
Stddev	171.	.5	36.	2.7	1.9	3.0
%RSD	.8202	.0881	.1796	.5053	.3626	.6238
#1	20660.	516.5	20080.	526.2	523.5	481.9
#2	20890.	515.6	20050.	528.0	525.0	483.2
#3	20990.	516.0	20010.	531.5	527.3	487.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2009.**	**2233.**	**489.9**	**513.9**	**501.2**	**519.2**
Stddev	14.	14.	.1	3.0	2.8	3.5
%RSD	.6807	.6386	.0124	.5919	.5606	.6821
#1	1998.	2223.	489.8	511.1	498.9	516.0
#2	2005.	2227.	489.9	513.4	500.3	518.6
#3	2024.	2249.	490.0	517.1	504.3	523.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-31296/2-a Acquired: 3/5/2010 14:11:39 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**552.7**	**484.6**	**523.2**
Stddev	2.8	1.2	4.1
%RSD	.5150	.2383	.7880
#1	550.1	485.6	518.7
#2	552.2	484.8	524.0
#3	555.7	483.3	526.8
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6065.6**	**128800.**	**16716.**
Stddev	17.9	617.	34.
%RSD	.29436	.47887	.20505
#1	6080.6	128080.	16677.
#2	6070.4	129190.	16731.
#3	6045.9	129110.	16740.

Sample Name: 460-10872-e-7-b du Acquired: 3/5/2010 14:18:10 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**34.47**	**6.340**	**-.7388**	**5.896**	**.0323**	**39650.**
Stddev	5.83	.567	.3627	.163	.0246	71.
%RSD	16.92	8.940	49.10	2.771	76.15	.1790
#1	39.93	5.693	-.7242	6.047	.0161	39570.
#2	28.33	6.751	-.3835	5.919	.0202	39700.
#3	35.14	6.575	-1.109	5.723	.0606	39670.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0674**	**.0734**	**.9357**	**1.840**	**123.5**	**1020.**
Stddev	.0520	.1025	.1764	.191	8.1	16.
%RSD	77.14	139.7	18.85	10.36	6.573	1.547
#1	.0248	.0960	1.099	1.929	127.5	1012.
#2	.1253	.1626	.7486	1.970	128.8	1010.
#3	.0521	-.0386	.9598	1.622	114.2	1038.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10872-e-7-b du Acquired: 3/5/2010 14:18:10 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1167.**	**2.778**	**13490.**	**.4146**	**.9678**	**.8596**
Stddev	12.	.028	10.	.1382	.3229	.8527
%RSD	1.052	1.004	.0713	33.34	33.37	99.20
#1	1169.	2.756	13480.	.5200	1.133	.2501
#2	1178.	2.809	13500.	.4658	.5957	1.834
#3	1154.	2.768	13490.	.2581	1.175	.4946
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.7680**	**1.939**	**.2559**	**2.482**	**40.15**	**1.410**
Stddev	.4185	.594	.1621	.092	.41	.153
%RSD	54.49	30.62	63.35	3.694	1.022	10.84
#1	-.6817	2.620	.0709	2.556	40.09	1.581
#2	-.3993	1.527	.3238	2.510	40.59	1.364
#3	-1.223	1.672	.3730	2.380	39.78	1.286
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10872-e-7-b du Acquired: 3/5/2010 14:18:10 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1899**	**464.4**	**1.155**
Stddev	.1346	.5	.117
%RSD	70.91	.1070	10.09
#1	.3448	463.9	1.261
#2	.1014	464.9	1.031
#3	.1234	464.4	1.174
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6067.0**	**128530.**	**16952.**
Stddev	53.7	379.	42.
%RSD	.88439	.29480	.24719
#1	6058.1	128440.	16966.
#2	6018.4	128950.	16905.
#3	6124.6	128210.	16985.

Sample Name: 460-10872-e-7-a Acquired: 3/5/2010 14:24:46 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**31.47**	**6.704**	**-.8748**	**5.458**	**.0062**	**39940.**
Stddev	8.86	.439	.3000	.039	.0207	33.
%RSD	28.15	6.548	34.29	.7142	332.7	.0829
#1	30.25	6.543	-1.108	5.493	.0296	39930.
#2	23.28	7.201	-.9805	5.466	-.0015	39980.
#3	40.87	6.369	-.5362	5.416	-.0095	39920.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0334**	**-.0107**	**.7809**	**-1.264**	**126.0**	**1005.**
Stddev	.0158	.0159	.1871	2.801	2.7	18.
%RSD	47.21	148.9	23.96	221.5	2.122	1.778
#1	.0512	-.0215	.9958	.6718	122.9	1024.
#2	.0212	.0076	.6925	.0109	127.6	988.0
#3	.0278	-.0182	.6544	-4.476	127.5	1004.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10872-e-7-a Acquired: 3/5/2010 14:24:46 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1137.**	**2.531**	**13450.**	**.3778**	**1.156**	**.9408**
Stddev	4.	.047	21.	.1818	.363	.4259
%RSD	.3771	1.869	.1540	48.13	31.40	45.27
#1	1139.	2.583	13430.	.5367	1.413	1.401
#2	1140.	2.519	13470.	.1795	.7409	.8598
#3	1132.	2.490	13450.	.4171	1.314	.5612
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1096**	**.4554**	**.4419**	**3.179**	**39.09**	**.9783**
Stddev	.6913	.6768	.0102	.094	.49	.1353
%RSD	631.0	148.6	2.315	2.958	1.263	13.83
#1	-.6878	-.2634	.4303	3.248	38.74	1.134
#2	.5411	1.080	.4497	3.216	39.66	.8957
#3	.4754	.5491	.4457	3.072	38.89	.9047
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10872-e-7-a Acquired: 3/5/2010 14:24:46 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1615**	**467.3**	**.7542**
Stddev	.1681	.5	.0575
%RSD	104.0	.0994	7.621
#1	.3536	466.9	.7416
#2	.0895	467.8	.8170
#3	.0415	467.3	.7041
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6041.0**	**128480.**	**16737.**
Stddev	3.6	340.	51.
%RSD	.06032	.26457	.30647
#1	6044.7	128240.	16794.
#2	6037.4	128870.	16720.
#3	6041.0	128320.	16696.

Sample Name: sd 460-10872-e-7-a@5 Acquired: 3/5/2010 14:31:23 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2122**	**.9479**	**-.4004**	**1.135**	**.0235**	**7756.**
Stddev	5.684	.9428	.0199	.024	.0273	7.
%RSD	2678.	99.46	4.969	2.113	116.1	.0843
#1	6.338	-.1280	-.3806	1.142	.0347	7754.
#2	-3.840	1.342	-.4204	1.154	-.0076	7752.
#3	-3.135	1.629	-.4003	1.108	.0434	7764.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0207**	**.0023**	**.2489**	**.8439**	**21.94**	**146.3**
Stddev	.0224	.0698	.1627	2.179	4.37	39.3
%RSD	107.9	3099.	65.37	258.2	19.92	26.83
#1	.0033	.0182	.3774	2.041	19.86	137.4
#2	.0460	-.0742	.0660	-1.671	26.96	112.3
#3	.0130	.0627	.3033	2.162	19.00	189.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-10872-e-7-a@5 Acquired: 3/5/2010 14:31:23 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**226.4**	**.5024**	**2636.**	**.4104**	**.6481**	**.6827**
Stddev	1.7	.0069	6.	.0868	.3960	1.137
%RSD	.7617	1.375	.2347	21.16	61.10	166.5
#1	228.0	.5101	2641.	.3135	.1973	.4720
#2	224.6	.5004	2629.	.4812	.8070	-.3341
#3	226.7	.4967	2637.	.4366	.9401	1.910
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.9363**	**.9711**	**-.0363**	**.5809**	**8.404**	**.2044**
Stddev	.7785	.6247	.2367	.0798	.285	.1242
%RSD	83.15	64.33	651.8	13.74	3.397	60.76
#1	-1.701	.3143	-.1578	.5408	8.094	.1785
#2	-.1451	1.558	-.1877	.5292	8.657	.0952
#3	-.9624	1.041	.2365	.6728	8.461	.3395
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-10872-e-7-a@5 Acquired: 3/5/2010 14:31:23 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.3465**	**91.18**	**.3140**
Stddev	.2364	.13	.0403
%RSD	68.22	.1464	12.85
#1	-.3342	91.13	.3606
#2	-.1165	91.08	.2898
#3	-.5889	91.33	.2916
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6077.2**	**129870.**	**16701.**
Stddev	7.4	262.	56.
%RSD	.12113	.20193	.33332
#1	6073.0	129960.	16765.
#2	6072.9	129580.	16671.
#3	6085.7	130080.	16667.

Sample Name: 460-10872-e-7-c ms Acquired: 3/5/2010 14:38:00 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2040.**	**1997.**	**45.67**	**2066.**	**48.80**	**59590.**
Stddev	5.	5.	.32	4.	.06	27.
%RSD	.2632	.2678	.6974	.1798	.1305	.0448
#1	2043.	2002.	45.77	2069.	48.83	59580.
#2	2042.	1998.	45.32	2068.	48.73	59570.
#3	2034.	1991.	45.93	2062.	48.84	59620.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**50.60**	**519.4**	**206.7**	**249.8**	**1183.**	**21200.**
Stddev	.11	1.0	.4	2.6	4.	9.
%RSD	.2180	.1979	.2017	1.036	.3204	.0416
#1	50.66	519.8	206.8	252.2	1187.	21210.
#2	50.66	520.2	206.2	250.2	1180.	21190.
#3	50.47	518.2	207.0	247.1	1182.	21200.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10872-e-7-c ms Acquired: 3/5/2010 14:38:00 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**21910.**	**513.3**	**33300.**	**524.4**	**520.2**	**487.0**
Stddev	12.	.9	33.	.7	1.5	1.4
%RSD	.0543	.1751	.0992	.1390	.2977	.2931
#1	21910.	512.9	33320.	524.8	522.0	487.7
#2	21920.	512.7	33260.	524.8	519.1	487.8
#3	21900.	514.3	33310.	523.5	519.6	485.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2012.**	**2197.**	**491.6**	**511.4**	**539.5**	**520.2**
Stddev	5.	4.	.3	.3	1.2	.9
%RSD	.2486	.1640	.0600	.0651	.2312	.1713
#1	2016.	2197.	491.9	511.4	539.9	520.3
#2	2012.	2200.	491.3	511.6	540.5	521.1
#3	2006.	2193.	491.6	511.0	538.1	519.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10872-e-7-c ms Acquired: 3/5/2010 14:38:00 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**549.3**	**945.5**	**524.0**
Stddev	.1	1.6	.8
%RSD	.0213	.1659	.1617
#1	549.2	944.1	525.0
#2	549.2	945.1	523.5
#3	549.4	947.2	523.5
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5969.5**	**125750.**	**16800.**
Stddev	3.3	247.	34.
%RSD	.05603	.19670	.20056
#1	5971.1	125770.	16777.
#2	5971.8	125990.	16839.
#3	5965.7	125490.	16784.

Sample Name: 460-10872-e-1-a Acquired: 3/5/2010 14:44:30 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**37.77**	**1.924**	**-.9854**	**9.582**	**-.0051**	**70390.**
Stddev	15.10	.992	.4252	.045	.0278	86.
%RSD	39.99	51.55	43.15	.4650	544.3	.1220
#1	52.37	.7862	-1.450	9.552	-.0351	70290.
#2	22.21	2.381	-.6163	9.561	.0001	70420.
#3	38.75	2.605	-.8895	9.633	.0197	70460.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1380**	**-.1778**	**1.753**	**-.6529**	**510.2**	**287.6**
Stddev	.0459	.1301	.038	2.721	2.2	5.1
%RSD	33.25	73.19	2.178	416.8	.4389	1.782
#1	.0946	-.2750	1.722	-.9315	512.5	284.9
#2	.1333	-.0300	1.796	-3.224	508.0	293.5
#3	.1860	-.2284	1.742	2.197	510.1	284.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10872-e-1-a Acquired: 3/5/2010 14:44:30 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1212.**	**10.25**	**50450.**	**1.256**	**2.048**	**1.213**
Stddev	7.	.03	42.	.119	.641	.528
%RSD	.5516	.3271	.0833	9.479	31.28	43.54
#1	1218.	10.23	50400.	1.319	1.312	1.701
#2	1205.	10.23	50450.	1.331	2.484	1.286
#3	1213.	10.29	50490.	1.119	2.347	.6522
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.6754**	**1.732**	**4.837**	**23.73**	**9.456**	**1.968**
Stddev	1.276	.950	.284	.21	.105	.087
%RSD	188.9	54.82	5.870	.8901	1.114	4.441
#1	-1.646	2.018	5.043	23.50	9.576	2.062
#2	-1.151	2.507	4.513	23.78	9.377	1.888
#3	.7701	.6728	4.956	23.91	9.416	1.954
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10872-e-1-a Acquired: 3/5/2010 14:44:30 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.0601**	**519.8**	**.7073**
Stddev	.2082	.7	.1014
%RSD	346.7	.1380	14.34
#1	.0129	519.2	.7469
#2	-.2949	519.6	.5920
#3	.1019	520.6	.7829
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5915.8**	**125390.**	**16475.**
Stddev	11.2	291.	37.
%RSD	.18861	.23183	.22539
#1	5912.7	125700.	16474.
#2	5928.1	125370.	16438.
#3	5906.5	125120.	16512.

Sample Name: 460-10872-e-2-a@3 Acquired: 3/5/2010 14:51:07 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**55100.**	**14.31**	**-.9016**	**146.0**	**2.125**	**9404.**
Stddev	85.	.45	.2045	.7	.045	6.
%RSD	.1545	3.165	22.68	.5051	2.124	.0655
#1	55050.	14.25	-.7736	145.2	2.124	9411.
#2	55200.	13.89	-.7937	146.0	2.170	9401.
#3	55060.	14.79	-1.137	146.7	2.080	9400.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3091**	**3.609**	**137.5**	**61.07**	**6878.**	**1228.**
Stddev	.0472	.090	.4	2.94	21.	25.
%RSD	15.26	2.493	.3262	4.807	.3039	2.065
#1	.2852	3.591	137.6	62.06	6864.	1232.
#2	.2786	3.530	137.1	57.77	6868.	1201.
#3	.3634	3.707	138.0	63.39	6902.	1251.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10872-e-2-a@3 Acquired: 3/5/2010 14:51:07 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1772.**	**10.90**	**91390.**	**35.78**	**31.05**	**1.645**
Stddev	9.	.02	76.	.22	.34	.997
%RSD	.5074	.1569	.0832	.6194	1.103	60.61
#1	1763.	10.90	91370.	35.55	31.05	1.509
#2	1772.	10.92	91470.	35.99	30.71	2.702
#3	1780.	10.89	91320.	35.81	31.40	.7224
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**13.60**	**1.479**	**261.7**	**6.336**	**104.3**	**.9980**
Stddev	.13	.719	.3	.035	.7	.1338
%RSD	.9812	48.60	.1071	.5450	.6449	13.41
#1	13.64	1.669	261.5	6.303	103.8	1.117
#2	13.71	2.085	261.6	6.371	104.2	1.023
#3	13.45	.6848	262.0	6.334	105.1	.8533
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10872-e-2-a@3 Acquired: 3/5/2010 14:51:07 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.0556**	**1617.**	**41.89**
Stddev	.3746	.	.31
%RSD	673.3	.0176	.7300
#1	.4868	1616.	41.63
#2	-.1900	1617.	41.81
#3	-.1299	1617.	42.23
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6380.0**	**132720.**	**17823.**
Stddev	32.8	314.	83.
%RSD	.51482	.23653	.46764
#1	6414.7	133030.	17887.
#2	6375.7	132740.	17729.
#3	6349.5	132400.	17853.

Sample Name: 460-10872-e-3-a Acquired: 3/5/2010 14:57:42 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19430.**	**31.19**	**-.9430**	**36.52**	**.4336**	**2850.**
Stddev	48.	.63	.1259	.04	.0567	7.
%RSD	.2477	2.008	13.35	.1231	13.07	.2604
#1	19470.	30.48	-.8380	36.56	.4835	2857.
#2	19450.	31.63	-1.083	36.54	.3720	2851.
#3	19380.	31.48	-.9084	36.47	.4454	2843.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.7979**	**.9830**	**52.01**	**26.88**	**2729.**	**1515.**
Stddev	.0221	.0355	.19	1.98	13.	17.
%RSD	2.766	3.606	.3563	7.366	.4686	1.129
#1	.8041	.9422	52.16	29.17	2721.	1505.
#2	.8163	1.006	51.80	25.68	2722.	1505.
#3	.7734	1.000	52.07	25.80	2744.	1535.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10872-e-3-a Acquired: 3/5/2010 14:57:42 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**693.6**	**5.952**	F **373100.**	**20.97**	**16.11**	**9.236**
Stddev	2.0	.043	1954.	.11	.29	.602
%RSD	.2854	.7317	.5237	.5290	1.811	6.520
#1	691.7	5.953	373200.	20.99	15.84	9.046
#2	693.5	5.995	371200.	21.07	16.06	8.751
#3	695.7	5.908	375100.	20.85	16.42	9.910
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6.567**	**2.045**	**456.8**	**6.342**	**313.3**	**2.616**
Stddev	.963	.823	1.1	.142	.5	.019
%RSD	14.67	40.26	.2403	2.238	.1528	.7400
#1	6.490	2.506	456.9	6.309	313.8	2.638
#2	7.566	1.095	455.7	6.497	313.0	2.604
#3	5.644	2.534	457.8	6.219	313.0	2.605
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10872-e-3-a Acquired: 3/5/2010 14:57:42 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.2384**	**377.7**	**23.75**
Stddev	.0450	1.2	.04
%RSD	18.89	.3202	.1650
#1	-.2768	378.1	23.78
#2	-.2497	378.8	23.71
#3	-.1888	376.4	23.77
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5948.9**	**121870.**	**16608.**
Stddev	8.3	173.	76.
%RSD	.13924	.14175	.45824
#1	5954.4	121680.	16648.
#2	5953.0	121990.	16656.
#3	5939.4	121950.	16520.

Sample Name: 460-10872-e-4-a Acquired: 3/5/2010 15:04:27 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**108.6**	**4.065**	**-.7195**	**16.51**	**-.0077**	**26260.**
Stddev	6.7	1.253	.1442	.08	.0388	22.
%RSD	6.143	30.82	20.04	.4802	504.3	.0841
#1	105.7	4.952	-.7844	16.50	.0363	26250.
#2	116.2	2.632	-.5542	16.44	-.0371	26250.
#3	103.8	4.613	-.8198	16.60	-.0223	26290.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0526**	**.7414**	**1.417**	**2.372**	**32.37**	**636.2**
Stddev	.0454	.1235	.290	2.424	1.17	24.5
%RSD	86.23	16.65	20.44	102.2	3.624	3.858
#1	.0507	.8305	1.709	-.2178	31.14	659.4
#2	.0082	.7932	1.130	4.585	33.47	638.7
#3	.0990	.6005	1.413	2.750	32.49	610.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10872-e-4-a Acquired: 3/5/2010 15:04:27 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**976.1**	**.7996**	**237200.**	**2.894**	**.8507**	**1.186**
Stddev	3.5	.0208	574.	.051	.3864	.784
%RSD	.3536	2.595	.2421	1.772	45.42	66.09
#1	976.7	.7759	236600.	2.853	1.288	.9770
#2	979.2	.8087	237700.	2.951	.5535	2.053
#3	972.4	.8143	237200.	2.877	.7111	.5277
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.557**	**.7257**	**49.00**	**2.422**	**229.3**	**.8375**
Stddev	.852	.2423	.05	.078	.5	.0776
%RSD	54.67	33.39	.1005	3.222	.2043	9.270
#1	2.519	.9520	48.97	2.335	228.8	.9271
#2	.9004	.4701	49.06	2.446	229.3	.7887
#3	1.252	.7549	48.98	2.486	229.8	.7969
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10872-e-4-a Acquired: 3/5/2010 15:04:27 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.3214**	**495.6**	**1.804**
Stddev	.3642	.5	.059
%RSD	113.3	.0966	3.271
#1	-.5983	496.0	1.767
#2	-.4572	495.1	1.872
#3	.0912	495.8	1.773
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5915.3**	**122270.**	**16561.**
Stddev	5.0	186.	25.
%RSD	.08502	.15219	.14969
#1	5920.7	122200.	16586.
#2	5914.3	122130.	16537.
#3	5910.8	122480.	16561.

Sample Name: 460-10872-e-5-a@3 Acquired: 3/5/2010 15:11:11 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**36980.**	**10.38**	**-.7650**	**130.9**	**1.335**	**23080.**
Stddev	38.	.34	.0153	.9	.034	57.
%RSD	.1040	3.283	1.995	.6986	2.555	.2458
#1	36960.	10.29	-.7504	130.8	1.374	23050.
#2	36950.	10.10	-.7809	131.9	1.313	23040.
#3	37020.	10.76	-.7636	130.1	1.317	23150.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2877**	**4.271**	**114.5**	**21.37**	**7191.**	**1249.**
Stddev	.0090	.121	.4	3.11	23.	6.
%RSD	3.120	2.826	.3602	14.55	.3209	.4477
#1	.2980	4.404	114.8	21.07	7209.	1252.
#2	.2824	4.240	114.6	24.62	7199.	1253.
#3	.2826	4.169	114.0	18.43	7165.	1242.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10872-e-5-a@3 Acquired: 3/5/2010 15:11:11 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1699.**	**14.25**	**65360.**	**30.53**	**28.50**	**1.577**
Stddev	5.	.04	97.	.27	.41	.955
%RSD	.3100	.3095	.1477	.8819	1.434	60.57
#1	1704.	14.21	65330.	30.52	28.18	1.340
#2	1699.	14.30	65280.	30.80	28.96	2.629
#3	1693.	14.25	65470.	30.26	28.37	.7629
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.216**	**.3460**	**270.5**	**6.392**	**44.95**	**.6103**
Stddev	1.045	.6713	.2	.099	.18	.1310
%RSD	24.79	194.0	.0807	1.555	.3918	21.46
#1	5.421	-.4277	270.6	6.474	44.89	.6838
#2	3.684	.7726	270.6	6.421	45.15	.6879
#3	3.545	.6932	270.2	6.281	44.82	.4591
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10872-e-5-a@3 Acquired: 3/5/2010 15:11:11 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.4010**	**1030.**	**39.04**
Stddev	.4012	2.	.17
%RSD	100.0	.2175	.4423
#1	-.0219	1029.	39.19
#2	.4486	1029.	39.08
#3	.7762	1033.	38.85
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6125.2**	**128410.**	**17039.**
Stddev	25.4	356.	36.
%RSD	.41413	.27762	.21152
#1	6126.9	128590.	16997.
#2	6099.1	128000.	17060.
#3	6149.7	128630.	17059.

Sample Name: CCV Acquired: 3/5/2010 15:17:48 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**119200.**	**2400.**	**1158.**	**9894.**	**960.4**	**121500.**
Stddev	403.	2.	2.	18.	3.6	465.
%RSD	.3379	.0760	.1785	.1769	.3794	.3827
#1	119700.	2402.	1156.	9914.	964.4	122000.
#2	119200.	2399.	1159.	9884.	959.3	121400.
#3	118900.	2400.	1160.	9883.	957.4	121100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1218.**	**2509.**	**4986.**	**11990.**	**97270.**	**48470.**
Stddev	2.	9.	6.	47.	172.	166.
%RSD	.1363	.3414	.1252	.3890	.1763	.3425
#1	1220.	2519.	4981.	12040.	97450.	48650.
#2	1217.	2505.	4986.	11970.	97250.	48440.
#3	1217.	2503.	4993.	11950.	97110.	48330.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/5/2010 15:17:48 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**121600.**	**4867.**	**120700.**	**2491.**	**7334.**	**951.8**
Stddev	419.	30.	409.	6.	13.	1.5
%RSD	.3448	.6120	.3390	.2538	.1788	.1574
#1	121900.	4839.	121100.	2498.	7349.	952.9
#2	121800.	4864.	120500.	2487.	7325.	950.1
#3	121100.	4899.	120300.	2487.	7328.	952.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2396.**	**2459.**	**2381.**	**2486.**	**970.6**	**2381.**
Stddev	1.	1.	8.	5.	2.2	4.
%RSD	.0566	.0528	.3497	.1884	.2246	.1772
#1	2397.	2460.	2373.	2491.	973.1	2386.
#2	2394.	2457.	2381.	2483.	969.9	2379.
#3	2396.	2459.	2389.	2483.	969.0	2379.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/5/2010 15:17:48 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**982.7**	**4907.**	**9495.**
Stddev	2.5	38.	54.
%RSD	.2568	.7659	.5706
#1	985.5	4928.	9520.
#2	982.0	4863.	9532.
#3	980.6	4929.	9433.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5700.4**	**120040.**	**16209.**
Stddev	17.6	205.	76.
%RSD	.30960	.17080	.46850
#1	5682.4	120260.	16122.
#2	5701.1	120000.	16255.
#3	5717.7	119860.	16252.

Sample Name: CCB Acquired: 3/5/2010 15:24:55 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**25.39**	**1.012**	**-.5709**	**3.415**	**.1883**	**7.507**
Stddev	11.00	.628	.2096	.540	.0647	2.054
%RSD	43.30	62.02	36.71	15.81	34.35	27.36
#1	37.18	.5896	-.8124	3.958	.2313	6.376
#2	15.41	1.733	-.4369	3.408	.2197	6.268
#3	23.59	.7129	-.4634	2.878	.1139	9.878
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4287**	**.8210**	**1.007**	**3.038**	**13.86**	**-56.00**
Stddev	.0721	.1382	.064	2.200	4.72	3.37
%RSD	16.83	16.84	6.370	72.40	34.06	6.011
#1	.4921	.8882	1.079	5.035	9.893	-52.13
#2	.4437	.9129	.9868	3.400	12.60	-58.23
#3	.3502	.6621	.9556	.6801	19.08	-57.65
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/5/2010 15:24:55 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**24.15**	**.8709**	**21.70**	**.9165**	**2.865**	**.8914**
Stddev	1.23	.0102	7.46	.1938	.982	.7192
%RSD	5.075	1.173	34.37	21.14	34.25	80.68
#1	24.91	.8602	22.16	1.066	3.244	.9946
#2	22.74	.8717	14.02	.9864	3.601	1.553
#3	24.81	.8806	28.92	.6975	1.751	.1262
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2225**	**2.159**	**.1857**	**.4072**	**2.517**	**1.871**
Stddev	1.090	.695	.0833	.0358	.214	.437
%RSD	489.7	32.19	44.85	8.784	8.490	23.34
#1	-1.036	2.818	.1481	.4411	2.715	2.371
#2	.8518	1.433	.1278	.3698	2.291	1.682
#3	.8516	2.227	.2812	.4108	2.546	1.561
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/5/2010 15:24:55 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1414**	**.8213**	**2.060**
Stddev	.1580	.0207	.079
%RSD	111.8	2.522	3.826
#1	.3234	.8358	2.127
#2	.0396	.8305	1.973
#3	.0612	.7976	2.080
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6101.4**	**129610.**	**16479.**
Stddev	20.2	401.	10.
%RSD	.33131	.30911	.05921
#1	6107.9	129430.	16478.
#2	6117.5	130070.	16470.
#3	6078.7	129340.	16490.

Sample Name: 460-10872-e-6-a Acquired: 3/5/2010 15:31:34 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**82.74**	**5.396**	**-.4855**	**30.95**	**.0532**	**113200.**
Stddev	18.77	.617	.2046	.37	.0202	606.
%RSD	22.68	11.44	42.13	1.198	37.94	.5352
#1	68.57	4.756	-.6339	31.31	.0541	112500.
#2	75.62	5.988	-.2522	30.98	.0729	113500.
#3	104.0	5.445	-.5705	30.57	.0326	113500.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1655**	**.0358**	**1.531**	**.8520**	**1610.**	**887.1**
Stddev	.0385	.1157	.182	1.290	8.	27.7
%RSD	23.29	322.6	11.86	151.4	.4896	3.120
#1	.2099	.1593	1.695	.5339	1609.	866.7
#2	.1447	.0181	1.563	2.271	1619.	875.9
#3	.1418	-.0699	1.336	-.2490	1603.	918.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10872-e-6-a Acquired: 3/5/2010 15:31:34 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2301.**	**6.851**	**49350.**	**.9805**	**3.140**	**.9012**
Stddev	9.	.044	233.	.1051	.667	.6090
%RSD	.3854	.6426	.4723	10.72	21.24	67.58
#1	2306.	6.862	49090.	.8683	3.348	.5467
#2	2307.	6.888	49440.	1.077	3.677	.5525
#3	2291.	6.803	49520.	.9964	2.393	1.604
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.095**	**1.321**	**.7167**	**13.15**	**23.21**	**3.184**
Stddev	1.004	.837	.2359	.07	.17	.110
%RSD	91.75	63.34	32.92	.5569	.7514	3.450
#1	-1.841	.6295	.8129	13.23	23.31	3.280
#2	.0473	2.251	.8894	13.14	23.32	3.207
#3	-1.490	1.082	.4479	13.09	23.01	3.064
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10872-e-6-a Acquired: 3/5/2010 15:31:34 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	.1073	1118.	1.768
Stddev	.1999	6.	.059
%RSD	186.3	.5544	3.356
#1	.3351	1111.	1.794
#2	.0253	1121.	1.700
#3	-.0385	1121.	1.810
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5822.3	122510.	16297.
Stddev	4.3	256.	44.
%RSD	.07446	.20869	.27020
#1	5817.6	122340.	16347.
#2	5823.2	122810.	16269.
#3	5826.1	122390.	16273.

Sample Name: 460-10872-e-8-a Acquired: 3/5/2010 15:38:11 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.463**	**1.482**	**-.9671**	**.7784**	**.0086**	**347.4**
Stddev	4.324	.429	.3282	.1314	.0371	6.2
%RSD	124.9	28.94	33.94	16.88	433.0	1.771
#1	-.3962	1.028	-1.341	.9301	.0406	349.0
#2	2.649	1.538	-.7285	.7024	.0171	352.5
#3	8.136	1.880	-.8314	.7026	-.0320	340.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0401**	**.0579**	**.5446**	**2.666**	**-2.800**	**53.01**
Stddev	.0354	.1435	.2522	2.028	5.331	27.05
%RSD	88.36	247.6	46.30	76.08	190.4	51.04
#1	.0612	.1076	.5966	.8157	-1.731	27.48
#2	-.0008	.1699	.7668	4.835	-8.584	50.17
#3	.0599	-.1038	.2705	2.347	1.916	81.37
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10872-e-8-a Acquired: 3/5/2010 15:38:11 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**74.08**	**.2061**	**43.70**	**-.0508**	**.0363**	**-.0907**
Stddev	1.53	.0136	1.30	.2012	.1554	.6364
%RSD	2.068	6.604	2.971	395.8	428.7	701.7
#1	75.35	.2160	45.19	.0514	-.0048	-.4715
#2	74.51	.2118	42.85	.0788	-.0945	.6440
#3	72.38	.1906	43.05	-.2826	.2081	-.4445
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.6122**	**.7529**	**-.1150**	**2.440**	**2.393**	**.0793**
Stddev	1.309	.6813	.1336	.111	.124	.0960
%RSD	213.8	90.50	116.2	4.554	5.166	121.1
#1	.8974	1.352	-.2660	2.460	2.291	.1800
#2	-1.429	.8944	-.0125	2.539	2.358	.0691
#3	-1.305	.0118	-.0664	2.320	2.531	-.0113
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10872-e-8-a Acquired: 3/5/2010 15:38:11 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.0944**	**2.129**	**.4107**
Stddev	.1127	.054	.0713
%RSD	119.3	2.550	17.36
#1	-.0357	2.068	.4881
#2	.1614	2.172	.3478
#3	.1575	2.148	.3962
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6116.7**	**130870.**	**16592.**
Stddev	9.9	131.	15.
%RSD	.16104	.09997	.09194
#1	6125.7	130900.	16602.
#2	6118.3	130980.	16599.
#3	6106.2	130720.	16574.

Sample Name: mb 460-31300/1-a Acquired: 3/5/2010 15:44:48 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8.364**	**.0414**	**-.5274**	**.1998**	**.0304**	**-1.827**
Stddev	9.819	.4743	.1675	.0981	.0621	8.060
%RSD	117.4	1146.	31.76	49.11	204.5	441.1
#1	1.409	-.3475	-.3579	.3113	.0930	-.2465
#2	19.60	.5699	-.5315	.1270	-.0311	5.326
#3	4.086	-.0981	-.6929	.1609	.0291	-10.56
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0124**	**.1200**	**.3120**	**1.217**	**-4.434**	**-20.67**
Stddev	.0404	.0241	.1850	2.426	2.420	33.23
%RSD	324.4	20.11	59.29	199.4	54.57	160.8
#1	-.0264	.1282	.3187	3.816	-2.109	-44.72
#2	.0096	.0928	.1237	-.9879	-6.939	17.24
#3	.0542	.1389	.4935	.8227	-4.256	-34.53
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-31300/1-a Acquired: 3/5/2010 15:44:48 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.730**	**.0745**	**6.319**	**-.1288**	**.4174**	**.3976**
Stddev	2.236	.0275	9.304	.0910	.0978	.5881
%RSD	129.2	36.87	147.2	70.64	23.43	147.9
#1	.7982	.0698	1.461	-.0404	.5170	.5631
#2	.1119	.1041	17.05	-.1239	.4135	.8851
#3	4.281	.0497	.4492	-.2222	.3216	-.2556
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.6102**	**.6531**	**-.2190**	**2.094**	**1.721**	**.0493**
Stddev	.6197	.1933	.2140	.043	.238	.0307
%RSD	101.6	29.60	97.71	2.043	13.85	62.34
#1	-.0658	.5398	-.3507	2.066	1.901	.0517
#2	-1.285	.5432	-.3341	2.143	1.812	.0174
#3	-.4803	.8763	.0279	2.073	1.451	.0788
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-31300/1-a Acquired: 3/5/2010 15:44:48 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.0512**	**.0293**	**.2408**
Stddev	.1356	.0676	.0437
%RSD	264.6	230.7	18.13
#1	-.0506	.0080	.2911
#2	-.1871	-.0251	.2124
#3	.0840	.1050	.2189
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6141.0**	**129070.**	**16666.**
Stddev	40.4	77.	56.
%RSD	.65837	.05947	.33699
#1	6132.1	129090.	16718.
#2	6185.1	129120.	16672.
#3	6105.7	128980.	16607.

Sample Name: lcs 460-31300/2-a Acquired: 3/5/2010 15:51:27 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2054.**	**1989.**	**46.08**	**2088.**	**48.75**	**19820.**
Stddev	19.	5.	.16	6.	.09	52.
%RSD	.9384	.2762	.3444	.2746	.1829	.2628
#1	2068.	1983.	45.91	2081.	48.83	19870.
#2	2032.	1992.	46.10	2091.	48.65	19760.
#3	2062.	1994.	46.22	2092.	48.75	19830.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**51.31**	**525.9**	**207.7**	**249.6**	**1082.**	**20570.**
Stddev	.13	1.0	.3	2.1	4.	53.
%RSD	.2457	.1890	.1663	.8310	.3888	.2562
#1	51.16	525.0	208.1	248.4	1086.	20610.
#2	51.36	525.8	207.7	248.5	1082.	20510.
#3	51.39	527.0	207.4	252.0	1078.	20590.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-31300/2-a Acquired: 3/5/2010 15:51:27 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**21030.**	**524.4**	**20190.**	**532.2**	**530.2**	**486.0**
Stddev	46.	1.6	34.	.8	1.6	.7
%RSD	.2168	.3044	.1679	.1562	.3014	.1376
#1	21060.	522.5	20230.	531.2	528.3	485.3
#2	21060.	525.3	20160.	532.6	531.3	486.3
#3	20980.	525.3	20180.	532.7	530.8	486.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2013.**	**2250.**	**497.6**	**519.6**	**503.4**	**523.7**
Stddev	7.	8.	1.3	1.0	1.8	1.6
%RSD	.3245	.3478	.2637	.1869	.3655	.3110
#1	2006.	2242.	496.1	518.5	501.3	522.1
#2	2014.	2257.	498.7	520.0	504.8	523.8
#3	2018.	2252.	498.0	520.4	504.1	525.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-31300/2-a Acquired: 3/5/2010 15:51:27 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**554.9**	**486.5**	**529.1**
Stddev	.8	1.3	.3
%RSD	.1369	.2582	.0609
#1	554.0	487.8	529.4
#2	555.4	485.3	529.2
#3	555.1	486.5	528.8
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5930.4**	**125160.**	**16303.**
Stddev	10.2	361.	79.
%RSD	.17143	.28844	.48675
#1	5930.2	125420.	16287.
#2	5920.3	124750.	16389.
#3	5940.6	125320.	16233.

Sample Name: 460-10889-a-3-c du Acquired: 3/5/2010 15:57:58 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1025.**	**3.196**	**1.722**	**436.3**	**-.0143**	**49510.**
Stddev	13.	.477	.133	1.7	.0234	107.
%RSD	1.275	14.93	7.738	.3969	163.8	.2161
#1	1038.	3.736	1.631	434.3	-.0354	49420.
#2	1012.	3.018	1.875	437.3	-.0182	49630.
#3	1025.	2.834	1.661	437.3	.0108	49490.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4406**	**18.60**	**1.063**	**-1.320**	**62580.**	**3217.**
Stddev	.0513	.09	.072	1.126	191.	47.
%RSD	11.63	.5070	6.753	85.34	.3046	1.470
#1	.3887	18.50	.9802	-2.591	62410.	3166.
#2	.4912	18.60	1.097	-.9197	62550.	3259.
#3	.4421	18.69	1.111	-.4480	62790.	3228.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-a-3-c du Acquired: 3/5/2010 15:57:58 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**31030.**	**1689.**	**87130.**	**1.446**	**2.472**	**-.5634**
Stddev	111.	3.	199.	.122	.379	.6431
%RSD	.3564	.1657	.2282	8.419	15.33	114.2
#1	30930.	1692.	86950.	1.431	2.034	-1.137
#2	31010.	1688.	87340.	1.332	2.708	-.6854
#3	31140.	1688.	87100.	1.574	2.673	.1320
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0228**	**.4884**	**1.704**	**4.338**	**176.9**	**.2117**
Stddev	.7894	.2827	.274	.076	1.0	.3996
%RSD	3464.	57.88	16.10	1.756	.5685	188.8
#1	.9322	.7468	1.973	4.400	175.8	.6560
#2	-.3782	.5320	1.715	4.361	177.2	.0972
#3	-.4856	.1865	1.425	4.253	177.7	-.1182
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-a-3-c du Acquired: 3/5/2010 15:57:58 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.2322**	**552.0**	**19.18**
Stddev	.2530	.9	.88
%RSD	109.0	.1687	4.566
#1	.4073	551.0	19.26
#2	-.0579	552.9	20.02
#3	.3472	551.9	18.28
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5932.9**	**124010.**	**16471.**
Stddev	22.9	204.	38.
%RSD	.38654	.16468	.22949
#1	5957.4	123880.	16513.
#2	5929.5	123910.	16439.
#3	5911.9	124240.	16462.

Sample Name: 460-10889-a-3-b Acquired: 3/5/2010 16:04:34 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1048.**	**2.266**	**1.563**	**426.7**	**-.0183**	**49400.**
Stddev	6.	.975	.391	1.3	.0157	153.
%RSD	.6199	43.04	25.00	.2933	86.14	.3100
#1	1054.	3.380	1.919	427.8	-.0134	49310.
#2	1041.	1.847	1.145	425.4	-.0055	49320.
#3	1047.	1.570	1.626	427.0	-.0358	49580.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4252**	**18.07**	**1.085**	**-3.099**	**62030.**	**3232.**
Stddev	.0277	.07	.216	1.067	215.	18.
%RSD	6.517	.4046	19.95	34.44	.3463	.5659
#1	.4327	17.99	.8363	-4.331	62060.	3226.
#2	.3946	18.12	1.185	-2.453	61800.	3218.
#3	.4485	18.10	1.232	-2.513	62220.	3253.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-a-3-b Acquired: 3/5/2010 16:04:34 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**30620.**	**1686.**	**86690.**	**1.131**	**2.761**	**-.9333**
Stddev	104.	1.	238.	.099	.646	.5703
%RSD	.3394	.0661	.2747	8.744	23.39	61.10
#1	30640.	1686.	86560.	1.219	2.615	-1.587
#2	30500.	1688.	86540.	1.150	3.468	-.6717
#3	30710.	1685.	86960.	1.024	2.201	-.5407
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.8631**	**-1.390**	**1.536**	**4.057**	**174.0**	**-.0164**
Stddev	1.202	.633	.178	.048	.6	.0333
%RSD	139.2	45.52	11.57	1.179	.3631	202.8
#1	.1610	-1.640	1.637	4.003	174.2	.0075
#2	-.5644	-.6701	1.639	4.094	173.2	-.0023
#3	-2.186	-1.859	1.331	4.074	174.4	-.0545
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-a-3-b Acquired: 3/5/2010 16:04:34 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1655**	**549.9**	**20.66**
Stddev	.3182	1.1	3.45
%RSD	192.3	.1938	16.68
#1	.5329	549.0	18.92
#2	-.0224	549.6	24.63
#3	-.0140	551.1	18.43
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5880.5**	**122730.**	**16317.**
Stddev	13.8	255.	123.
%RSD	.23440	.20791	.75658
#1	5888.5	122810.	16353.
#2	5888.4	122440.	16419.
#3	5864.6	122930.	16180.

Sample Name: sd 460-10889-a-3-b@5 Acquired: 3/5/2010 16:11:10 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**214.2**	**.3282**	**-.3444**	**84.61**	**.0187**	**9236.**
Stddev	6.2	.5711	.1071	.35	.0250	15.
%RSD	2.874	174.0	31.09	.4145	133.3	.1600
#1	208.2	.6744	-.3933	84.53	-.0056	9224.
#2	220.5	.6413	-.2216	85.00	.0443	9252.
#3	214.1	-.3309	-.4184	84.31	.0174	9232.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1094**	**3.519**	**.1650**	**.5394**	**12090.**	**569.3**
Stddev	.0173	.041	.2535	1.190	61.	34.6
%RSD	15.81	1.173	153.6	220.6	.5056	6.077
#1	.0902	3.475	.3925	.2315	12120.	548.3
#2	.1143	3.557	.2108	1.853	12130.	550.3
#3	.1238	3.525	-.1083	-.4665	12020.	609.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-10889-a-3-b@5 Acquired: 3/5/2010 16:11:10 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5895.**	**325.4**	**16640.**	**.5675**	**.3167**	**.5614**
Stddev	21.	.6	9.	.1774	.3303	1.434
%RSD	.3527	.1889	.0521	31.26	104.3	255.5
#1	5901.	324.9	16630.	.6375	.3501	-.1973
#2	5912.	325.3	16650.	.6992	.6290	-.3341
#3	5872.	326.1	16650.	.3657	-.0290	2.216
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.219**	**.1167**	**.0255**	**.7893**	**33.50**	**-.1052**
Stddev	.520	.8200	.0852	.0316	.15	.1128
%RSD	42.71	702.9	334.7	4.005	.4354	107.2
#1	-.6253	.8454	.1229	.8175	33.47	.0249
#2	-1.434	.2759	-.0110	.7551	33.66	-.1661
#3	-1.598	-.7713	-.0355	.7954	33.37	-.1745
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-10889-a-3-b@5 Acquired: 3/5/2010 16:11:10 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.0191**	**103.8**	**4.128**
Stddev	.1424	.1	.387
%RSD	746.1	.1400	9.369
#1	.1573	104.0	3.848
#2	.0270	103.7	4.569
#3	-.1271	103.8	3.967
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5994.8**	**127210.**	**16425.**
Stddev	27.3	121.	14.
%RSD	.45518	.09482	.08758
#1	5982.7	127220.	16434.
#2	5975.6	127320.	16434.
#3	6026.0	127080.	16409.

Sample Name: 460-10889-a-3-d ms Acquired: 3/5/2010 16:17:47 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3298.**	**2010.**	**48.10**	**2469.**	**48.96**	**68170.**
Stddev	7.	5.	.23	6.	.08	105.
%RSD	.2258	.2247	.4870	.2255	.1556	.1546
#1	3291.	2004.	48.14	2462.	49.04	68240.
#2	3299.	2013.	47.84	2472.	48.90	68220.
#3	3305.	2012.	48.30	2472.	48.94	68050.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**50.73**	**530.0**	**207.3**	**249.7**	**62730.**	**23390.**
Stddev	.14	1.0	.6	1.2	369.	67.
%RSD	.2668	.1837	.2902	.5005	.5885	.2845
#1	50.58	529.2	207.9	249.5	62390.	23430.
#2	50.78	531.1	207.2	251.0	62670.	23430.
#3	50.83	529.8	206.7	248.5	63120.	23310.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-a-3-d ms Acquired: 3/5/2010 16:17:47 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**51750.**	**2148.**	**105200.**	**518.6**	**512.2**	**483.1**
Stddev	265.	17.	199.	1.3	1.7	2.1
%RSD	.5124	.7970	.1891	.2495	.3315	.4441
#1	51480.	2133.	105400.	517.4	510.2	481.9
#2	51760.	2167.	105300.	520.0	513.3	481.8
#3	52010.	2143.	105000.	518.4	513.0	485.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2011.**	**2118.**	**496.6**	**513.5**	**669.9**	**517.6**
Stddev	5.	9.	1.0	1.8	2.7	1.3
%RSD	.2496	.4141	.1917	.3442	.4022	.2488
#1	2005.	2109.	496.4	511.5	666.8	516.1
#2	2014.	2121.	495.7	514.7	671.5	518.2
#3	2014.	2126.	497.6	514.5	671.5	518.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-a-3-d ms Acquired: 3/5/2010 16:17:47 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**542.0**	**1015.**	**539.0**
Stddev	1.2	2.	3.3
%RSD	.2232	.1614	.6054
#1	541.0	1016.	536.6
#2	543.3	1016.	537.7
#3	541.8	1013.	542.7
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5834.1**	**122070.**	**16472.**
Stddev	31.6	238.	31.
%RSD	.54154	.19505	.18743
#1	5869.8	122060.	16507.
#2	5822.7	121840.	16449.
#3	5809.8	122320.	16462.

Sample Name: ICSA 371312 Acquired: 3/5/2010 16:24:24 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**490400.**	**-.7007**	**.2224**	**1.491**	**-.0820**	**492500.**
Stddev	3519.	1.103	.2132	.112	.0106	4202.
%RSD	.7176	157.4	95.87	7.512	12.93	.8532
#1	493600.	-1.496	.3139	1.619	-.0700	493400.
#2	491100.	.5582	.3746	1.408	-.0903	496200.
#3	486600.	-1.164	-.0213	1.447	-.0856	488000.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.686**	**2.410**	**.0637**	**10.89**	**188100.**	**-186.8**
Stddev	.004	.104	.0978	2.61	1061.	64.2
%RSD	.2089	4.331	153.4	24.01	.5643	34.35
#1	1.684	2.407	.1014	12.36	188600.	-227.4
#2	1.690	2.516	.1370	7.870	186800.	-220.2
#3	1.684	2.308	-.0473	12.43	188700.	-112.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/5/2010 16:24:24 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**485100.**	**1.929**	**42.24**	**2.150**	**-3.529**	**3.158**
Stddev	5124.	.146	13.04	.085	.817	1.199
%RSD	1.056	7.563	30.88	3.937	23.13	37.98
#1	489600.	1.784	30.00	2.063	-2.956	1.854
#2	479500.	1.928	40.76	2.154	-3.168	3.406
#3	486300.	2.076	55.96	2.232	-4.464	4.213
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.6521**	**2.614**	**2.130**	**-1.574**	**4.583**	**-1.987**
Stddev	3.335	.566	.226	.171	.176	.115
%RSD	511.4	21.65	10.59	10.83	3.850	5.803
#1	3.164	2.241	2.382	-1.771	4.744	-2.118
#2	-2.115	3.265	1.945	-1.486	4.612	-1.904
#3	-3.006	2.335	2.065	-1.466	4.394	-1.938
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/5/2010 16:24:24 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.0979**	**-7.670**	**-2.652**
Stddev	.1629	.108	.124
%RSD	166.3	1.409	4.679
#1	-.0841	-7.731	-2.509
#2	.2300	-7.734	-2.733
#3	.1479	-7.545	-2.713
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5556.9**	**113500.**	**16043.**
Stddev	26.1	825.	153.
%RSD	.47027	.72694	.95136
#1	5533.4	113970.	15981.
#2	5585.0	113980.	15930.
#3	5552.3	112550.	16216.

Sample Name: ICSAB 371336 Acquired: 3/5/2010 16:31:23 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**485400.**	**94.31**	**99.78**	**100.4**	**95.80**	**484700.**
Stddev	2017.	.33	.32	1.1	.34	6805.
%RSD	.4155	.3490	.3165	1.074	.3509	1.404
#1	485200.	94.21	99.84	99.93	95.73	486700.
#2	483500.	94.68	99.43	101.6	95.50	490200.
#3	487600.	94.05	100.1	99.60	96.16	477100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**96.43**	**97.64**	**101.3**	**95.36**	**188400.**	**9753.**
Stddev	.48	.67	.4	1.60	776.	28.
%RSD	.4944	.6836	.3462	1.679	.4120	.2889
#1	96.43	97.96	101.6	96.88	188300.	9784.
#2	96.91	98.10	100.9	93.68	189200.	9729.
#3	95.96	96.88	101.4	95.51	187700.	9746.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/5/2010 16:31:23 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**492500.**	**98.46**	**10070.**	**96.19**	**88.56**	**93.55**
Stddev	2528.	.31	19.	.67	.41	1.18
%RSD	.5133	.3123	.1912	.6982	.4633	1.257
#1	490100.	98.54	10090.	96.20	88.76	94.59
#2	495100.	98.12	10050.	96.85	88.83	93.80
#3	492300.	98.71	10080.	95.51	88.09	92.27
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**96.97**	**93.69**	**99.25**	**97.03**	**99.08**	**93.26**
Stddev	2.82	1.38	.57	.30	.68	.35
%RSD	2.910	1.472	.5787	.3061	.6911	.3734
#1	99.07	93.50	99.68	97.03	99.57	93.41
#2	98.08	95.16	98.60	97.32	99.36	93.52
#3	93.76	92.42	99.48	96.73	98.29	92.87
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/5/2010 16:31:23 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**97.74**	**88.28**	**93.33**
Stddev	.68	.52	.42
%RSD	.6923	.5891	.4464
#1	97.67	88.48	93.26
#2	98.44	87.69	93.78
#3	97.09	88.67	92.96
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5576.6**	**112360.**	**16220.**
Stddev	15.8	506.	30.
%RSD	.28250	.44998	.18191
#1	5581.9	112200.	16236.
#2	5558.8	112930.	16186.
#3	5588.9	111950.	16238.

Sample Name: CCV Acquired: 3/5/2010 16:38:22 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**120300.**	**2397.**	**1176.**	**9922.**	**974.0**	**121600.**
Stddev	299.	8.	1.	36.	2.2	356.
%RSD	.2487	.3350	.1196	.3609	.2214	.2927
#1	120100.	2405.	1178.	9952.	972.7	121300.
#2	120200.	2389.	1175.	9882.	972.8	121500.
#3	120600.	2398.	1175.	9931.	976.5	122000.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1221.**	**2479.**	**5015.**	**12100.**	**97500.**	**48200.**
Stddev	4.	10.	9.	21.	284.	114.
%RSD	.3490	.4202	.1719	.1728	.2912	.2368
#1	1225.	2490.	5020.	12090.	97750.	48070.
#2	1216.	2470.	5020.	12080.	97190.	48220.
#3	1222.	2478.	5005.	12120.	97570.	48290.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/5/2010 16:38:22 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123000.**	**4956.**	**121200.**	**2473.**	**7349.**	**953.5**
Stddev	473.	31.	304.	10.	23.	3.4
%RSD	.3846	.6322	.2509	.4116	.3188	.3574
#1	123500.	4944.	121000.	2481.	7367.	954.9
#2	122500.	4992.	121000.	2462.	7323.	949.7
#3	122900.	4933.	121500.	2476.	7357.	956.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2396.**	**2464.**	**2414.**	**2484.**	**969.6**	**2378.**
Stddev	6.	7.	1.	9.	2.5	8.
%RSD	.2620	.2961	.0274	.3572	.2558	.3375
#1	2401.	2468.	2414.	2492.	970.5	2383.
#2	2389.	2456.	2414.	2475.	966.8	2369.
#3	2398.	2470.	2413.	2486.	971.6	2383.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/5/2010 16:38:22 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**972.3**	**4893.**	**9520.**
Stddev	2.6	81.	45.
%RSD	.2684	1.661	.4708
#1	974.5	4804.	9572.
#2	969.4	4914.	9492.
#3	973.0	4962.	9496.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5693.0**	**118600.**	**16106.**
Stddev	16.5	85.	59.
%RSD	.28930	.07128	.36680
#1	5682.5	118680.	16168.
#2	5711.9	118510.	16100.
#3	5684.4	118610.	16050.

Sample Name: CCB Acquired: 3/5/2010 16:45:29 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**28.90**	**1.519**	**-.3645**	**4.180**	**.1909**	**12.67**
Stddev	8.86	.391	.2566	.913	.0158	9.45
%RSD	30.65	25.74	70.40	21.85	8.283	74.60
#1	38.24	1.964	-.5317	5.231	.2013	11.73
#2	27.82	1.368	-.4929	3.732	.1727	22.56
#3	20.63	1.227	-.0691	3.578	.1987	3.721
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.5489**	**1.088**	**1.445**	**5.111**	**22.73**	**-35.11**
Stddev	.1509	.186	.517	1.498	16.06	40.62
%RSD	27.50	17.09	35.80	29.31	70.68	115.7
#1	.7186	1.298	1.019	4.390	9.907	-4.039
#2	.4985	1.023	1.296	6.833	17.52	-81.08
#3	.4296	.9437	2.021	4.110	40.75	-20.20
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/5/2010 16:45:29 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

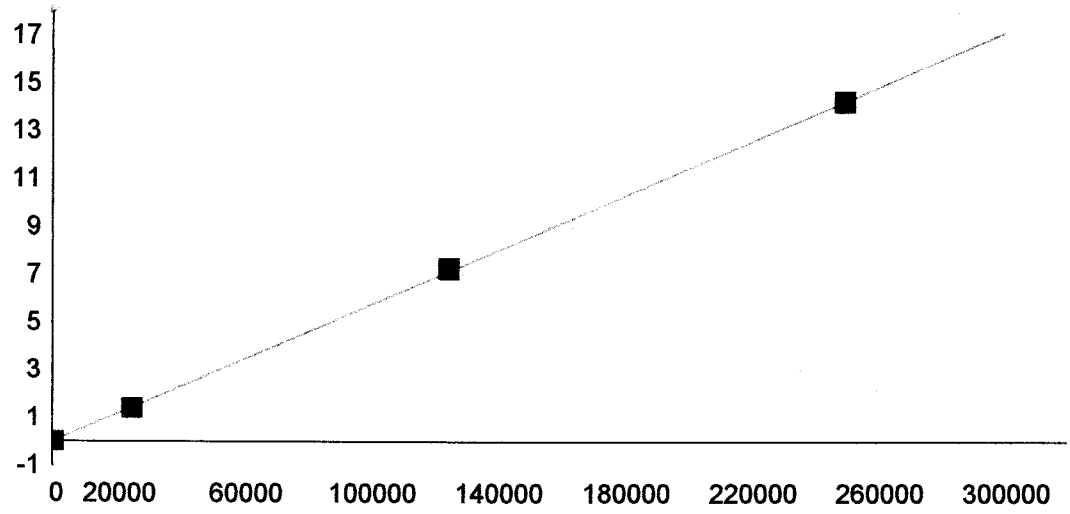
Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**44.41**	**1.392**	**3.642**	**.9400**	**3.281**	**1.321**
Stddev	21.51	.526	2.860	.2320	.561	.095
%RSD	48.44	37.76	78.52	24.68	17.09	7.161
#1	29.13	1.029	.6598	1.196	3.919	1.212
#2	35.09	1.153	3.905	.8798	3.060	1.367
#3	69.01	1.995	6.362	.7440	2.865	1.384
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.8197**	**3.185**	**.4332**	**.7030**	**2.185**	**2.173**
Stddev	1.529	.704	.1461	.2368	.152	.533
%RSD	186.6	22.10	33.74	33.69	6.947	24.55
#1	-.1285	3.982	.6014	.9594	2.250	2.721
#2	2.584	2.924	.3604	.6570	2.294	2.140
#3	.0034	2.649	.3377	.4926	2.012	1.656
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/5/2010 16:45:29 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3042**	**.9148**	**2.935**
Stddev	.3874	.1522	.905
%RSD	127.3	16.64	30.84
#1	.7430	1.086	2.227
#2	.1606	.8626	2.624
#3	.0091	.7956	3.955
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6108.8**	**127960.**	**16191.**
Stddev	58.1	198.	23.
%RSD	.95035	.15510	.14488
#1	6069.4	128060.	16215.
#2	6175.5	127730.	16169.
#3	6081.6	128090.	16189.

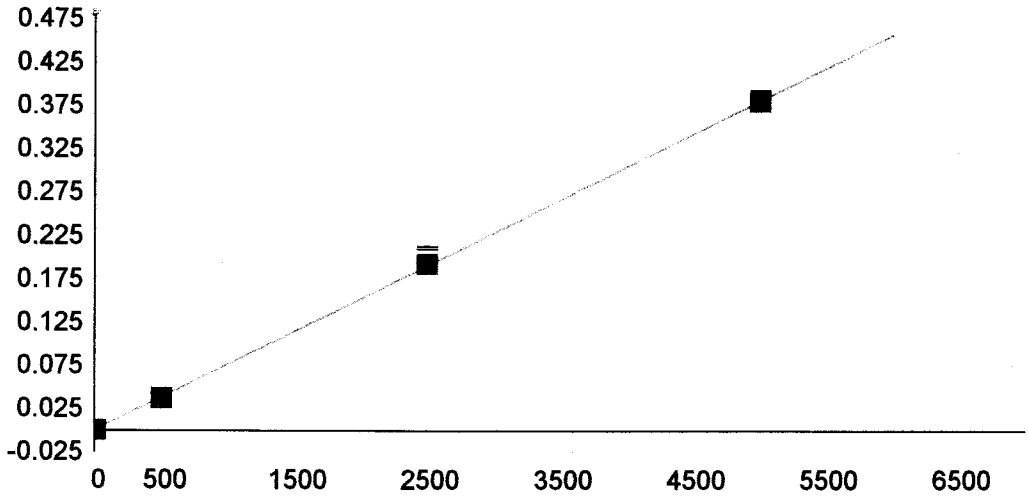


Al 396.152 { 85}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001626	Re-Slope:	1.000000
A1 (Gain):	0.000057	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999945	Status:	OK.
Std Error of Est:	0.000218		
Predicted MDL:	9.535141		
Predicted MQL:	31.783804		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01973	-.020	.000	-.00163	.000	1
DCAL1	200.00	223.84	23.8	11.9	.01115	.000	1
DCAL2	25000.	24268.	-732.	-2.93	1.3828	.005	1
DCAL3	125000.	126470.	1470.	1.18	7.2132	.065	1
DCAL4	250000.	249240.	-765.	-.306	14.216	.015	1

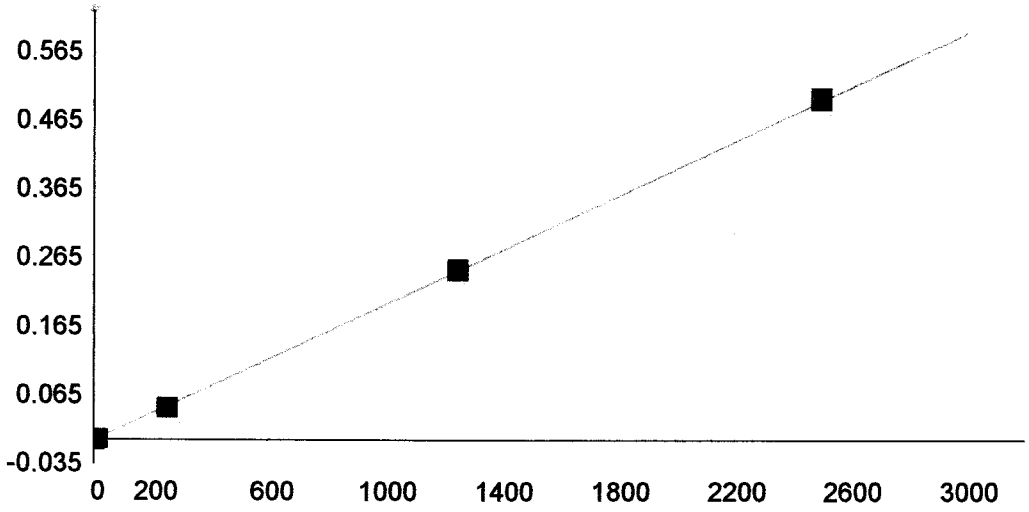


As 189.042 {478}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000144	Re-Slope:	1.000000
A1 (Gain):	0.000076	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999905	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	1.033647		
Predicted MQL:	3.445490		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00100	-.001	.000	-.00014	.000	1
DCAL1	5.0000	6.1557	1.16	23.1	.00032	.000	1
DCAL2	500.00	479.50	-20.5	-4.10	.03589	.000	1
DCAL3	2500.0	2529.6	29.6	1.18	.19010	.008	1
DCAL4	5000.0	4989.8	-10.2	-.205	.37507	.002	1

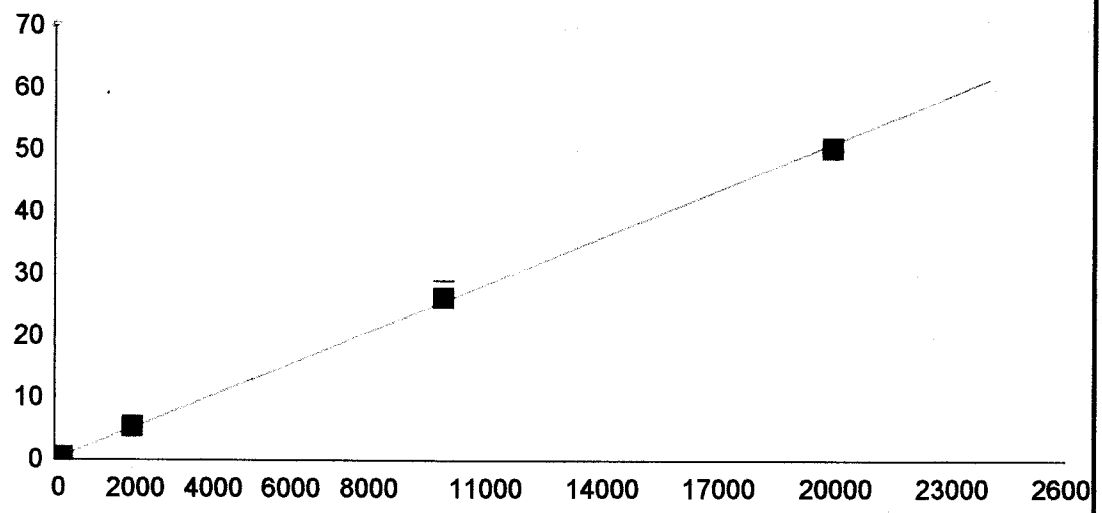


Ag 328.068 {103}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001221	Re-Slope:	1.000000
A1 (Gain):	0.000198	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999939	Status:	OK.
Std Error of Est:	0.000018		
Predicted MDL:	0.380163		
Predicted MQL:	1.267208		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00029	.000	.000	-.00122	.000	1
DCAL1	10.000	10.085	.085	.847	.00076	.000	1
DCAL2	250.00	239.61	-10.4	-4.16	.04537	.000	1
DCAL3	1250.0	1250.6	.621	.050	.24213	.001	1
DCAL4	2500.0	2509.7	9.68	.387	.48716	.003	1

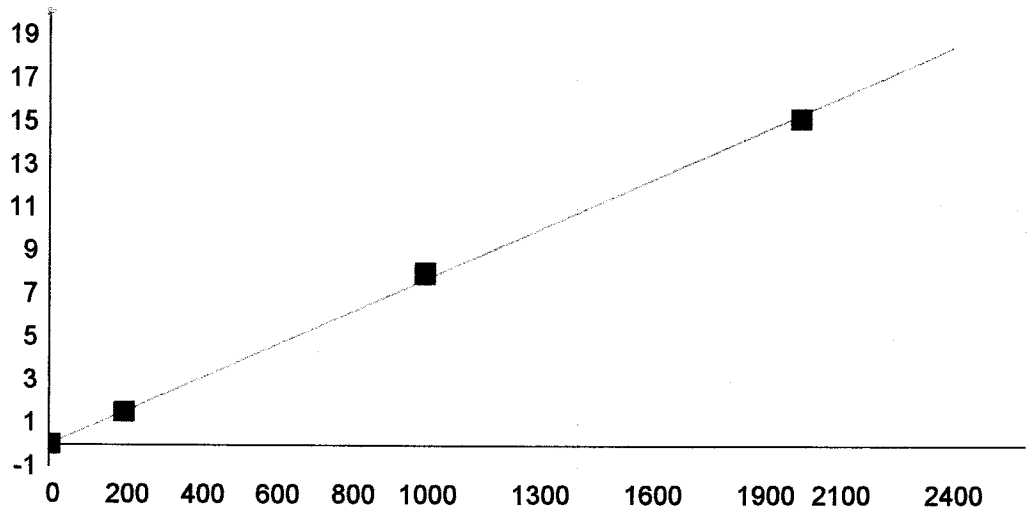


Ba 233.527 {445}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002851	Re-Slope:	1.000000
A1 (Gain):	0.002559	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999782	Status:	OK.
Std Error of Est:	0.005530		
Predicted MDL:	0.074859		
Predicted MQL:	0.249529		

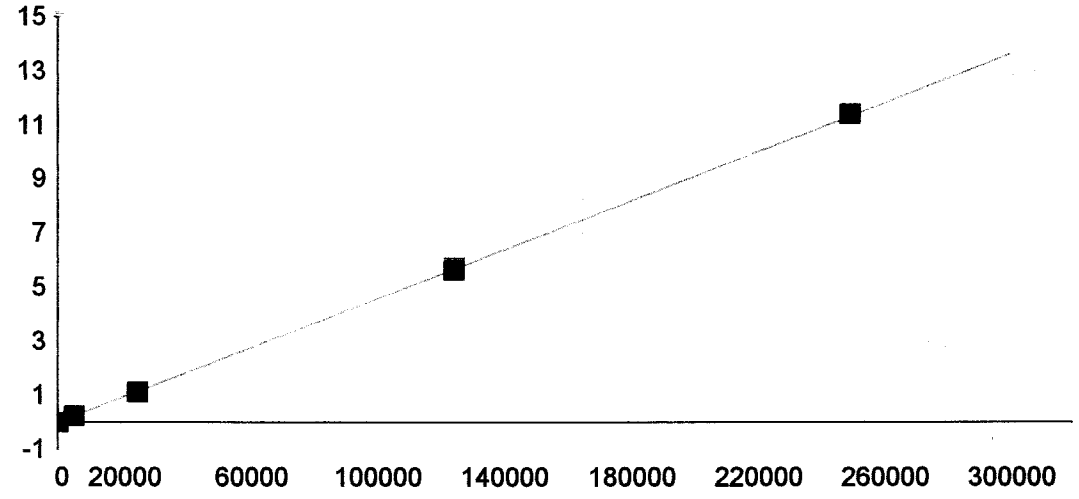
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.02165	-.022	.000	.00280	.000	1
DCAL1	200.00	214.79	14.8	7.39	.55176	.001	1
DCAL2	2000.0	2049.3	49.3	2.47	5.2398	.043	1
DCAL3	10000.	10256.	256.	2.56	26.212	1.15	1
DCAL4	20000.	19679.	-321.	-1.60	50.289	.116	1



Be 313.042 {108}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000301		Re-Slope:	1.000000	
A1 (Gain):	0.007682		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999790		Status:	OK.	
Std Error of Est:	0.000513				
Predicted MDL:	0.045580				
Predicted MQL:	0.151935				

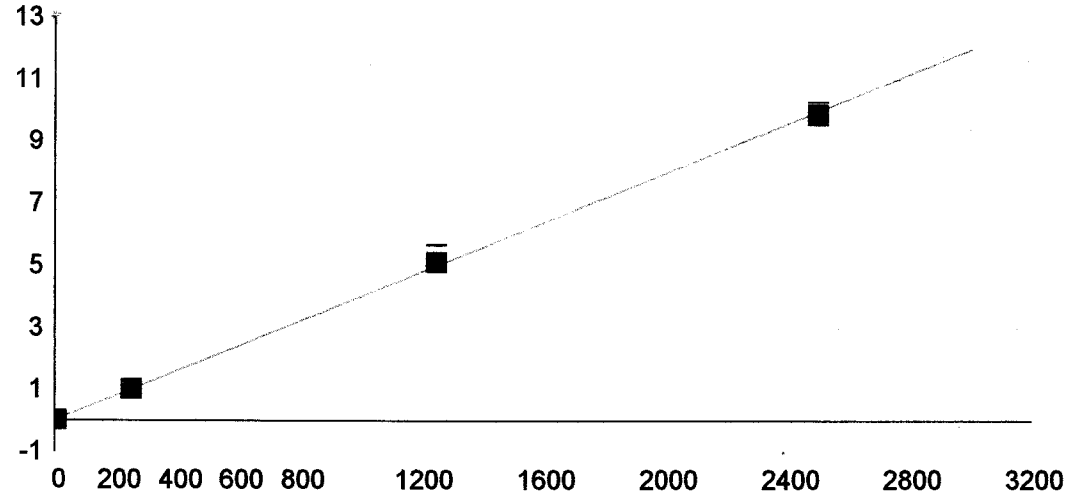
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00004	.000	.000	-.00030	.000	1
DCAL1	2.0000	1.9737	-.026	-1.32	.01499	.000	1
DCAL2	200.00	195.67	-4.33	-2.17	1.4998	.004	1
DCAL3	1000.0	1030.2	30.2	3.02	7.8982	.066	1
DCAL4	2000.0	1974.2	-25.8	-1.29	15.135	.007	1



Ca 422.673 { 80}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.010403		Re-Slope:	1.000000	
A1 (Gain):	0.000045		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999966		Status:	OK.	
Std Error of Est:	0.000682				
Predicted MDL:	11.191276				
Predicted MQL:	37.304254				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.19716	.197	.000	-.01039	.001	1
DCAL1	5000.0	4915.7	-84.3	-1.69	.21245	.001	1
DCAL2	25000.	24455.	-545.	-2.18	1.0983	.005	1
DCAL3	125000.	124170.	-826.	-.661	5.6189	.057	1
DCAL4	250000.	251450.	1450.	.582	11.389	.006	1

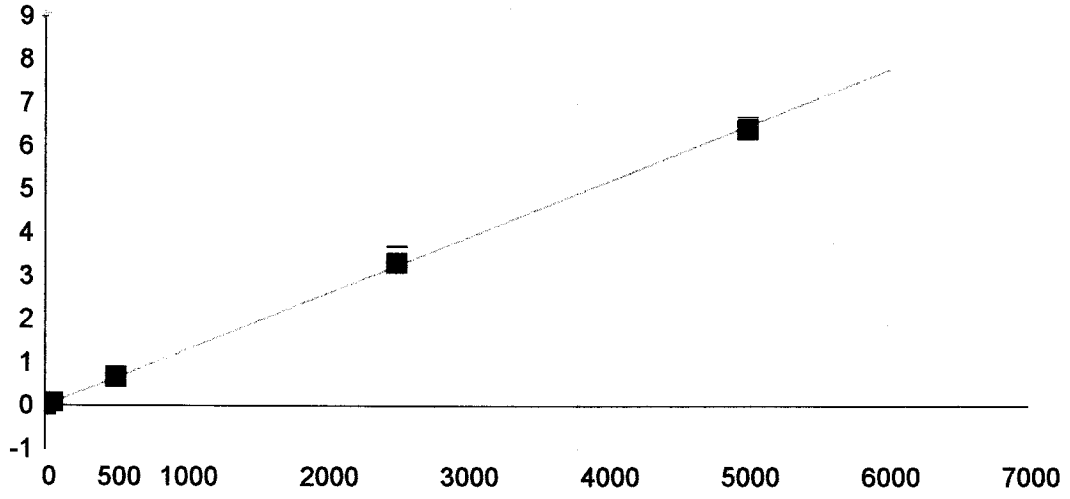


Cd 226.502 {449}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000406	Re-Slope:	1.000000
A1 (Gain):	0.003988	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999864	Status:	OK.
Std Error of Est:	0.000342		
Predicted MDL:	0.047505		
Predicted MQL:	0.158350		

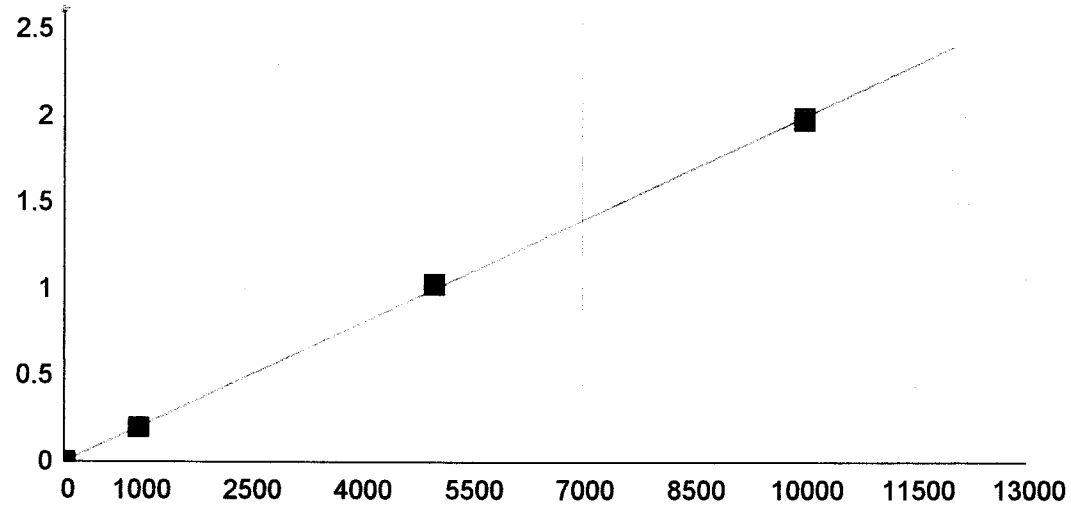
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00025	.000	.000	-.00041	.000	1
DCAL1	4.0000	4.1969	.197	4.92	.01638	.000	1
DCAL2	250.00	250.70	.695	.278	1.0057	.008	1
DCAL3	1250.0	1279.8	29.8	2.39	5.1354	.226	1
DCAL4	2500.0	2469.3	-30.7	-1.23	9.9106	.043	1



Co 228.616 {447}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000554		Re-Slope:	1.000000	
A1 (Gain):	0.001295		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999858		Status:	OK.	
Std Error of Est:	0.000569				
Predicted MDL:	0.138830				
Predicted MQL:	0.462766				

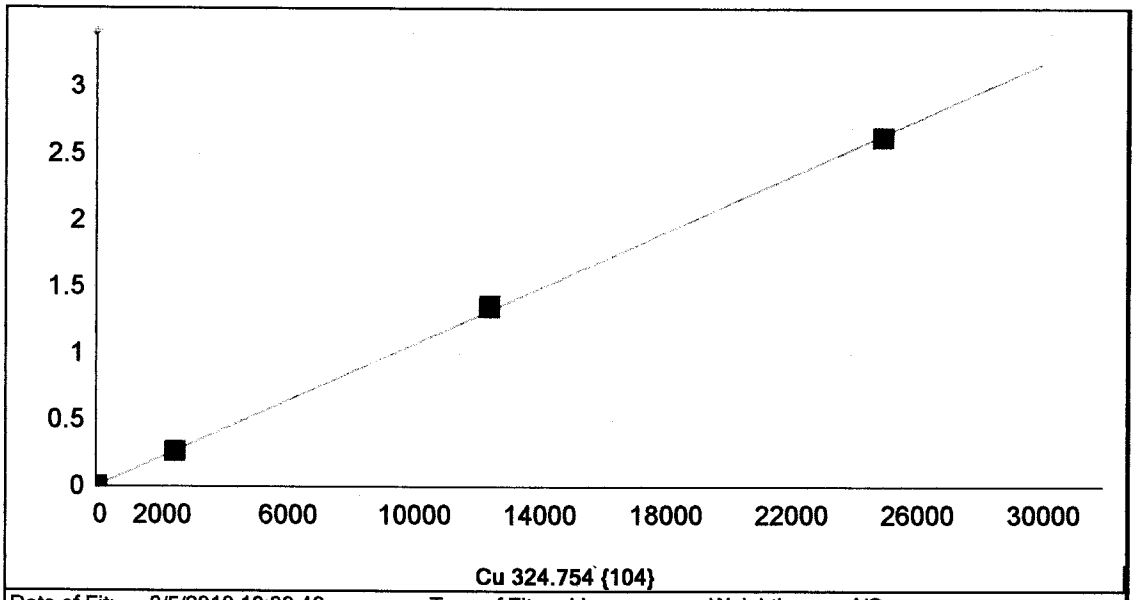
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00471	-.005	.000	-.00056	.000	1
DCAL1	50.000	53.307	3.31	6.61	.06845	.000	1
DCAL2	500.00	510.22	10.2	2.04	.66367	.006	1
DCAL3	2500.0	2551.2	51.2	2.05	3.3207	.146	1
DCAL4	5000.0	4935.3	-64.7	-1.29	6.4255	.029	1



Cr 267.716 {126}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000053		Re-Slope:	1.000000	
A1 (Gain):	0.000200		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999877		Status:	OK.	
Std Error of Est:	0.000051				
Predicted MDL:	0.258352				
Predicted MQL:	0.861175				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00056	-.001	.000	.00005	.000	1
DCAL1	10.000	10.523	.523	5.23	.00216	.000	1
DCAL2	1000.0	990.90	-9.10	-.910	.19812	.000	1
DCAL3	5000.0	5115.9	116.	2.32	1.0226	.004	1
DCAL4	10000.	9892.7	-107.	-1.07	1.9774	.010	1

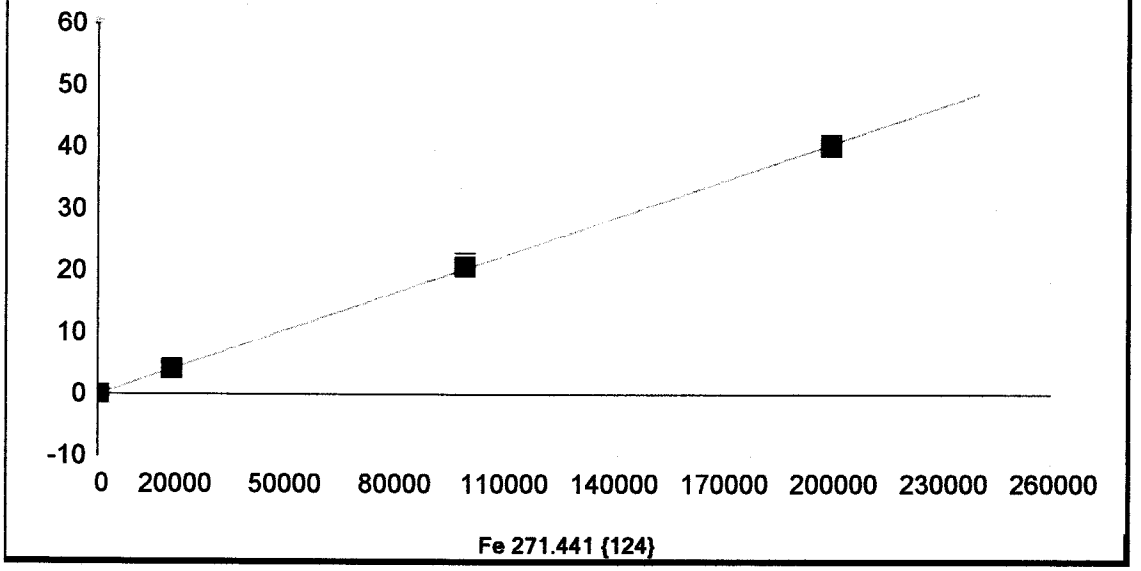


Cu 324.754 {104}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000651	Re-Slope:	1.000000
A1 (Gain):	0.000105	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999935	Status:	OK.
Std Error of Est:	0.000049		
Predicted MDL:	2.870838		
Predicted MQL:	9.569459		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00111	-.001	.000	.00065	.001	1
DCAL1	25.000	26.249	1.25	5.00	.00342	.000	1
DCAL2	2500.0	2462.3	-37.7	-1.51	.25989	.000	1
DCAL3	12500.	12706.	206.	1.65	1.3385	.012	1
DCAL4	25000.	24830.	-170.	-.678	2.6150	.001	1

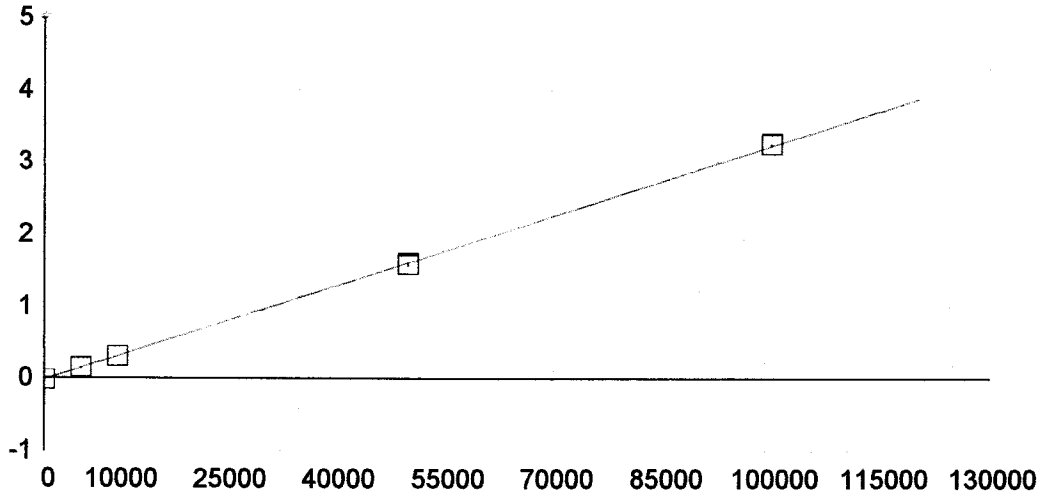


Fe 271.441 {124}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000012	Re-Slope:	1.000000
A1 (Gain):	0.000203	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999928	Status:	OK.
Std Error of Est:	0.000687		
Predicted MDL:	5.053468		
Predicted MQL:	16.844893		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01674	-.017	.000	-.00002	.001	1
DCAL1	150.00	164.87	14.9	9.92	.03402	.001	1
DCAL2	20000.	20092.	92.3	.462	4.0738	.043	1
DCAL3	100000.	101680.	1680.	1.68	20.616	.618	1
DCAL4	200000.	198210.	-1790.	-.893	40.189	.278	1

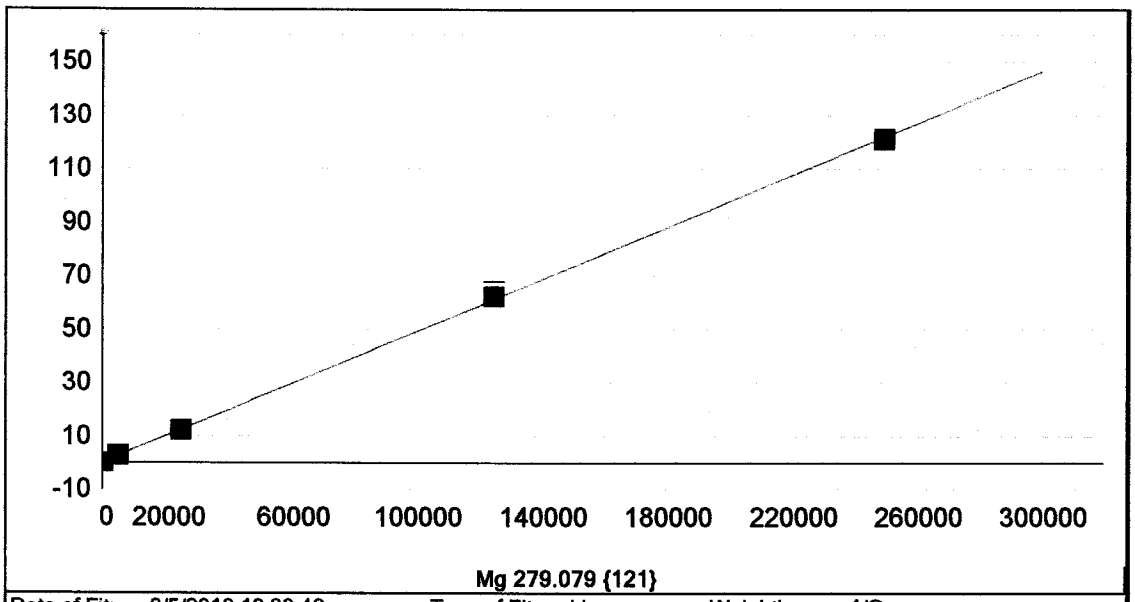


K 766.490 { 44}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.021658	Re-Slope:	1.000000
A1 (Gain):	0.000032	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999946	Status:	OK.
Std Error of Est:	0.000396		
Predicted MDL:	36.647717		
Predicted MQL:	122.159058		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.08520	.085	.000	-.02165	.002	1
DCAL1	5000.0	5049.6	49.6	.991	.14227	.001	1
DCAL2	10000.	9769.1	-231.	-2.31	.29549	.001	1
DCAL3	50000.	49432.	-568.	-1.14	1.5831	.016	1
DCAL4	100000.	100750.	749.	.749	3.2491	.003	1

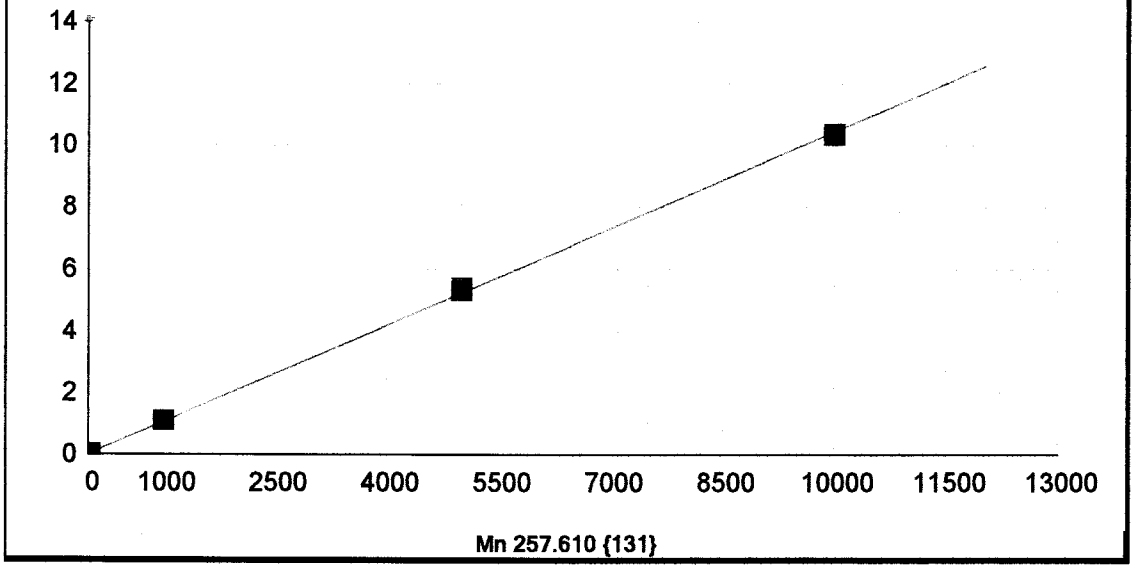


Mg 279.079 {121}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000537	Re-Slope:	1.000000
A1 (Gain):	0.000487	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999905	Status:	OK.
Std Error of Est:	0.012346		
Predicted MDL:	2.050528		
Predicted MQL:	6.835094		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.12969	-.130	.000	.00047	.001	1
DCAL1	5000.0	5135.4	135.	2.71	2.5039	.007	1
DCAL2	25000.	24709.	-291.	-1.16	12.043	.113	1
DCAL3	125000.	127470.	2470.	1.97	62.126	1.89	1
DCAL4	250000.	247690.	-2310.	-.924	120.72	.233	1

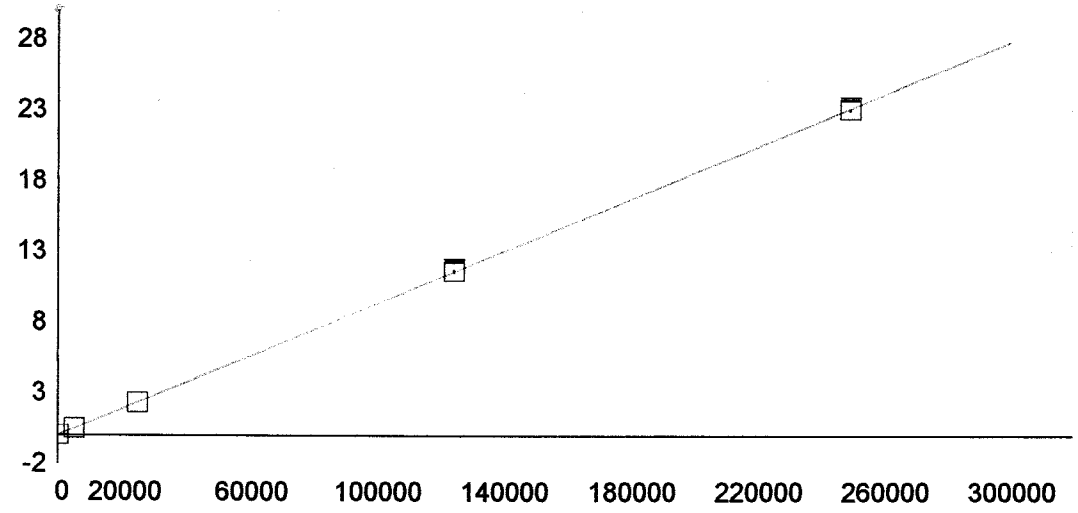


Mn 257.610 {131}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000120	Re-Slope:	1.000000
A1 (Gain):	0.001044	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999867	Status:	OK.
Std Error of Est:	0.000341		
Predicted MDL:	0.040803		
Predicted MQL:	0.136010		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00169	-.002	.000	.00012	.000	1
DCAL1	15.000	16.088	1.09	7.26	.01700	.000	1
DCAL2	1000.0	1035.1	35.1	3.51	1.0802	.002	1
DCAL3	5000.0	5085.6	85.6	1.71	5.3066	.057	1
DCAL4	10000.	9878.2	-122.	-1.22	10.307	.043	1

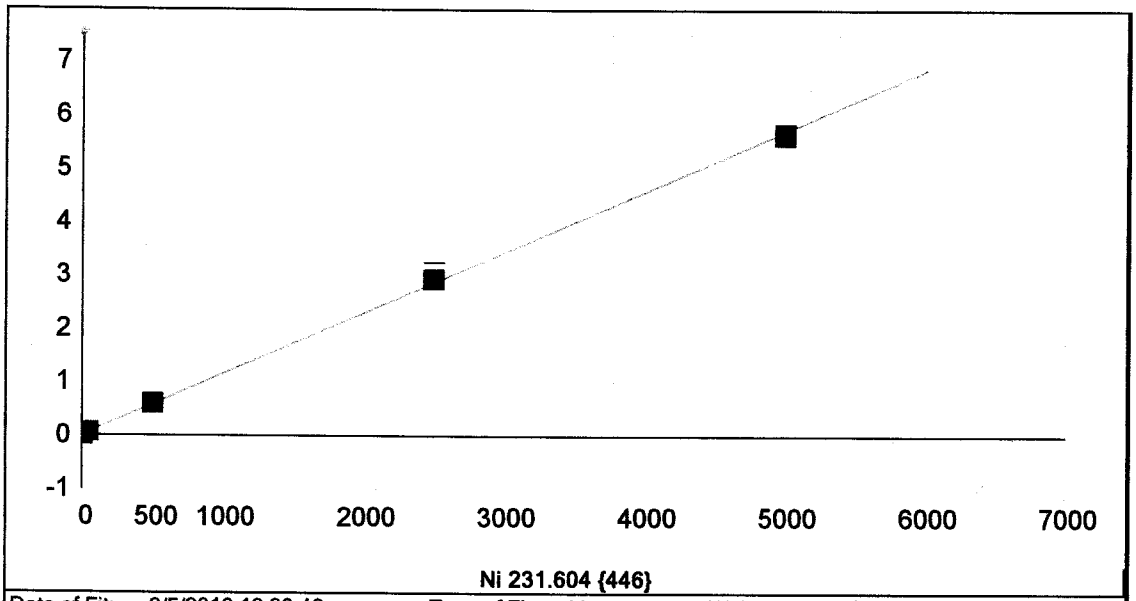


Na 589.592 { 57}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.009917	Re-Slope:	1.000000
A1 (Gain):	0.000093	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999985	Status:	OK.
Std Error of Est:	0.000921		
Predicted MDL:	10.364676		
Predicted MQL:	34.548919		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.18618	-.186	.000	-.00993	.001	1
DCAL1	5000.0	5180.6	181.	3.61	.46975	.002	1
DCAL2	25000.	24983.	-16.7	-.067	2.3033	.008	1
DCAL3	125000.	125610.	608.	.486	11.620	.105	1
DCAL4	250000.	249230.	-772.	-.309	23.066	.118	1

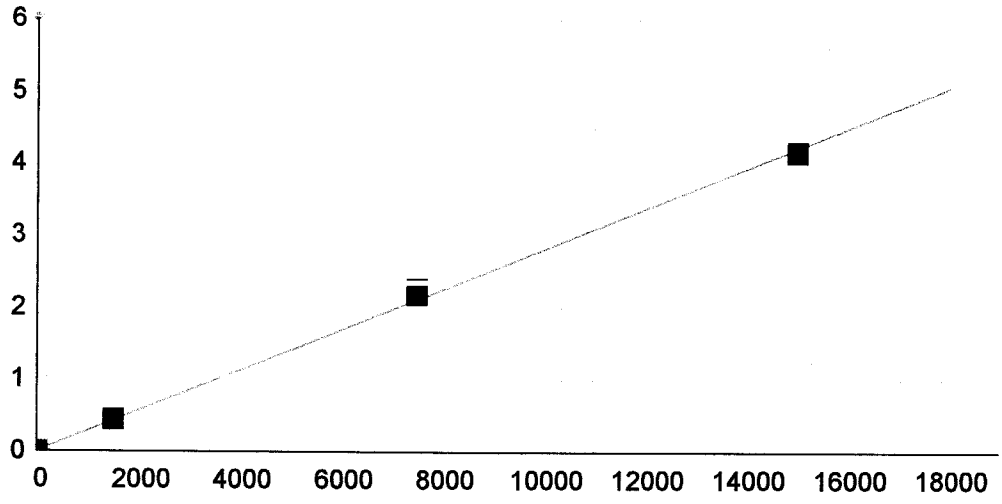


Ni 231.604 {446}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000373	Re-Slope:	1.000000
A1 (Gain):	0.001141	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999801	Status:	OK.
Std Error of Est:	0.000526		
Predicted MDL:	0.184821		
Predicted MQL:	0.616070		

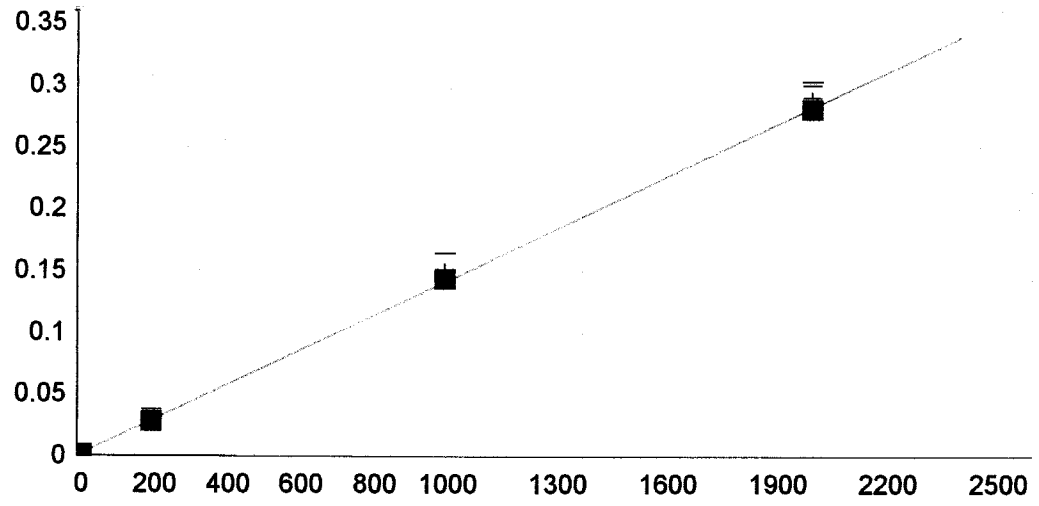
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00475	-.005	.000	-.00038	.000	1
DCAL1	40.000	43.333	3.33	8.33	.04907	.000	1
DCAL2	500.00	513.52	13.5	2.70	.58546	.005	1
DCAL3	2500.0	2559.1	59.1	2.36	2.9191	.131	1
DCAL4	5000.0	4924.0	-76.0	-1.52	5.6170	.025	1



Pb 220.353 {453}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000149		Re-Slope:	1.000000	
A1 (Gain):	0.000281		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999776		Status:	OK.	
Std Error of Est:	0.000084				
Predicted MDL:	0.646225				
Predicted MQL:	2.154082				

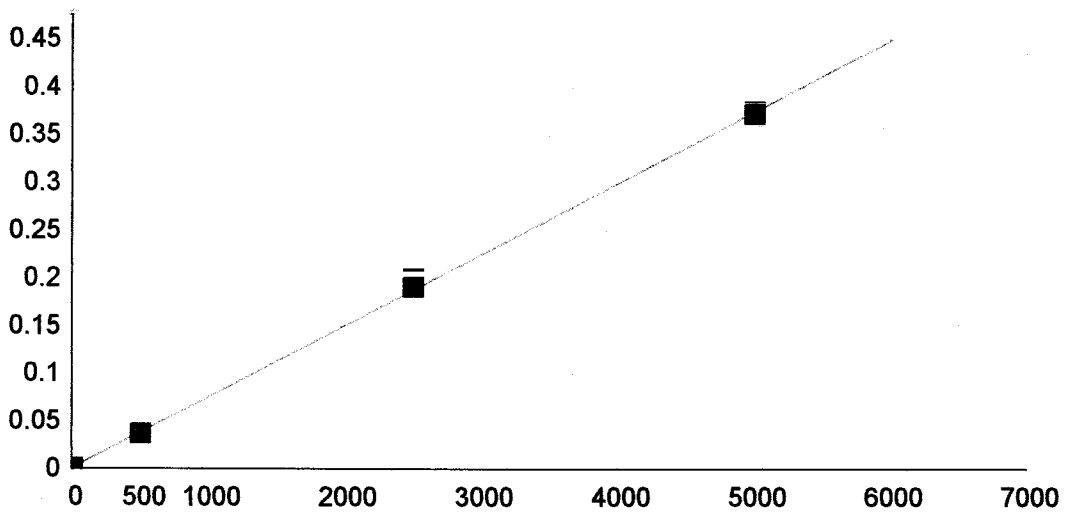
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00120	-.001	.000	.00015	.000	1
DCAL1	5.0000	6.0070	1.01	20.1	.00183	.000	1
DCAL2	1500.0	1542.3	42.3	2.82	.43340	.004	1
DCAL3	7500.0	7700.8	201.	2.68	2.1634	.091	1
DCAL4	15000.	14756.	-244.	-1.63	4.1452	.018	1



Sb 206.833 (463)

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000233		Re-Slope:	1.000000	
A1 (Gain):	0.000141		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999930		Status:	OK.	
Std Error of Est:	0.000013				
Predicted MDL:	0.944551				
Predicted MQL:	3.148503				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00115	.001	.000	.00023	.000	1
DCAL1	10.000	8.9809	-1.02	-10.2	.00150	.000	1
DCAL2	200.00	195.30	-4.70	-2.35	.02898	.000	1
DCAL3	1000.0	1015.3	15.3	1.53	.14944	.007	1
DCAL4	2000.0	1990.4	-9.60	-.480	.29300	.002	1

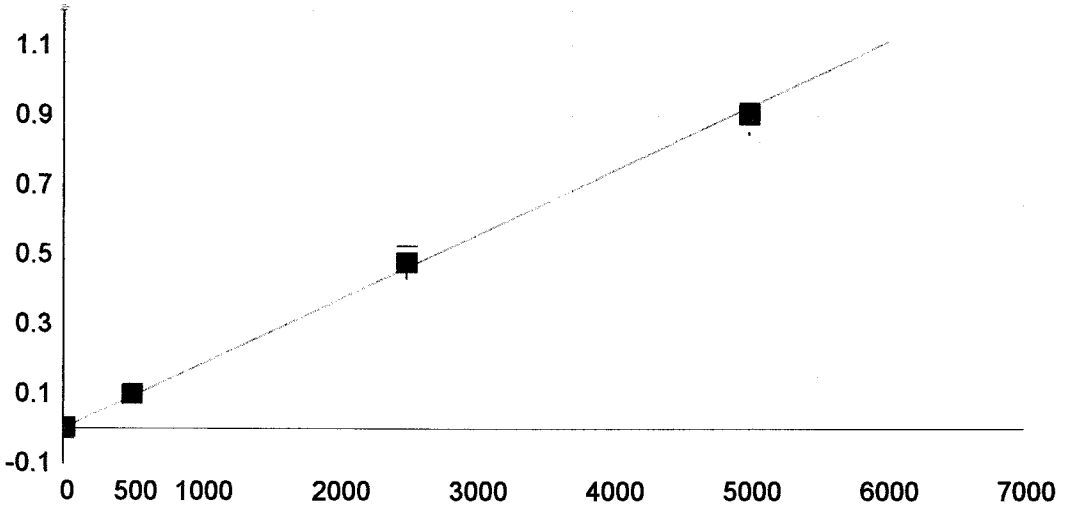


Se 196.090 {472}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000251	Re-Slope:	1.000000
A1 (Gain):	0.000075	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999906	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	1.402758		
Predicted MQL:	4.675862		

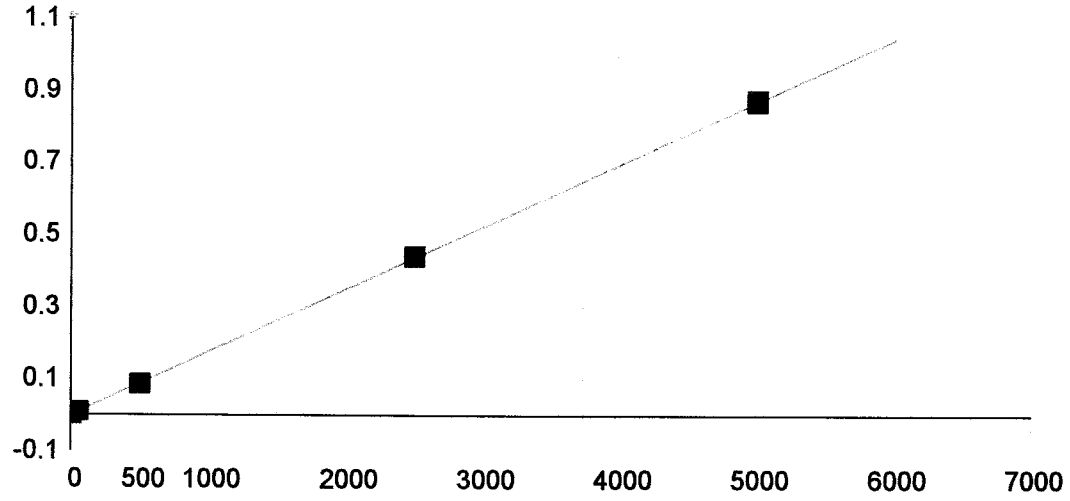
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00067	.001	.000	.00025	.000	1
DCAL1	5.0000	4.4318	-.568	-11.4	.00058	.000	1
DCAL2	500.00	483.81	-16.2	-3.24	.03615	.000	1
DCAL3	2500.0	2543.3	43.3	1.73	.18904	.008	1
DCAL4	5000.0	4973.5	-26.5	-.530	.36938	.002	1



TI 190.856 {477}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	-0.000902		Re-Slope:	1.000000		
A1 (Gain):	0.000185		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.999404		Status:	OK.		
Std Error of Est:	0.000070					
Predicted MDL:	0.815342					
Predicted MQL:	2.717808					

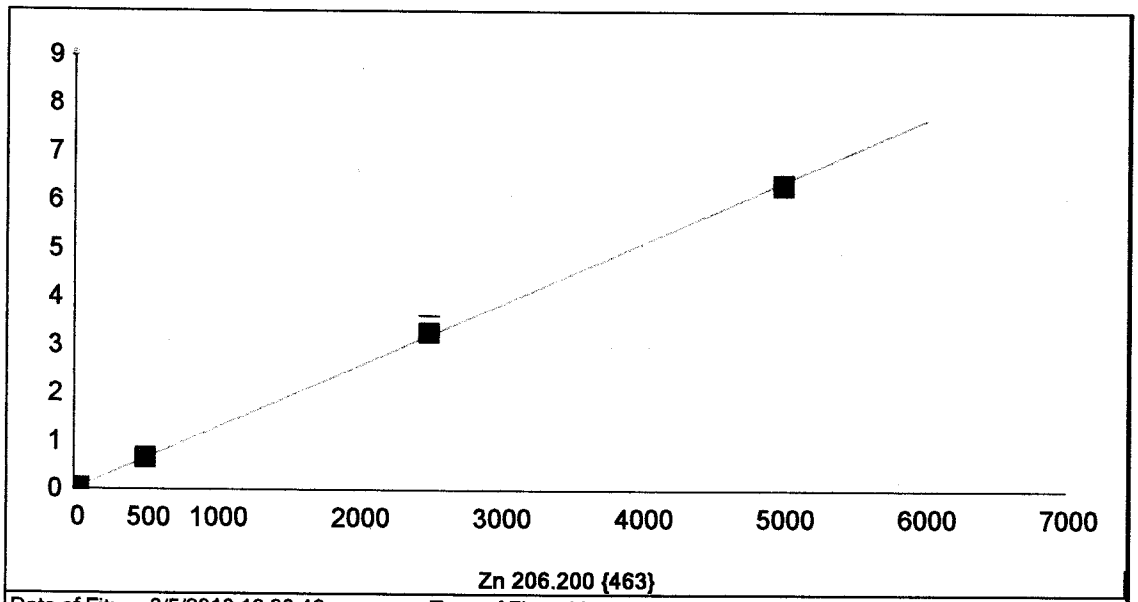
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00287	-.003	.000	-.00090	.000	1
DCAL1	10.000	12.068	2.07	20.7	.00091	.000	1
DCAL2	500.00	535.81	35.8	7.16	.09303	.001	1
DCAL3	2500.0	2581.8	81.8	3.27	.45078	.019	1
DCAL4	5000.0	4880.7	-119.	-2.39	.85012	.004	1



V 292.402 {115}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	-0.000006		Re-Slope:	1.000000		
A1 (Gain):	0.000174		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.999971		Status:	OK.		
Std Error of Est:	0.000034					
Predicted MDL:	0.294264					
Predicted MQL:	0.980881					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00016	.000	.000	-.00001	.000	1
DCAL1	50.000	51.024	1.02	2.05	.00883	.000	1
DCAL2	500.00	488.40	-11.6	-2.32	.08417	.000	1
DCAL3	2500.0	2519.2	19.2	.768	.43428	.002	1
DCAL4	5000.0	4991.4	-8.63	-.173	.86038	.004	1

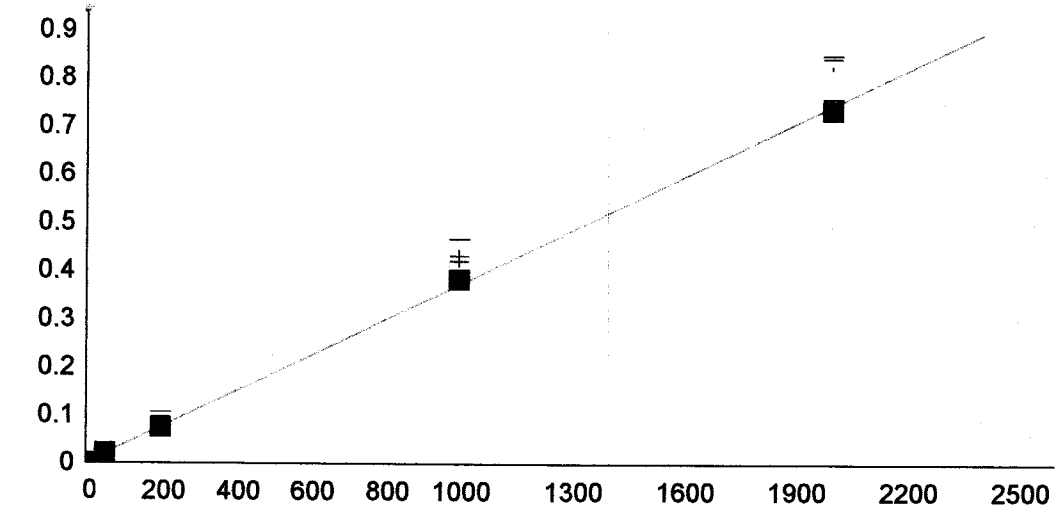


Zn 206.200 {463}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000344	Re-Slope:	1.000000
A1 (Gain):	0.001279	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999834	Status:	OK.
Std Error of Est:	0.000466		
Predicted MDL:	0.086342		
Predicted MQL:	0.287806		

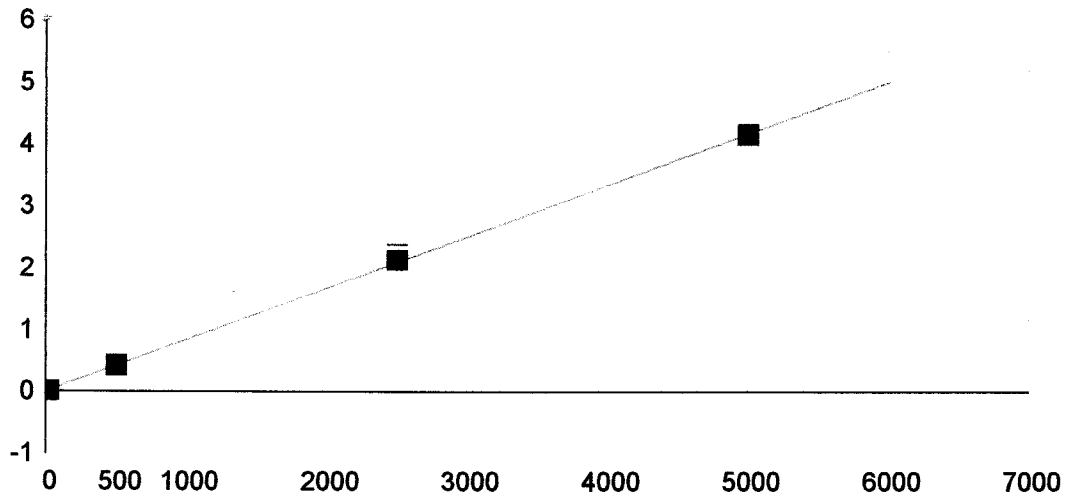
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00446	-.004	.000	.00034	.000	1
DCAL1	30.000	33.811	3.81	12.7	.04358	.000	1
DCAL2	500.00	506.26	6.26	1.25	.64666	.006	1
DCAL3	2500.0	2555.6	55.6	2.22	3.2630	.144	1
DCAL4	5000.0	4934.3	-65.7	-1.31	6.2995	.028	1



B 208.959 {461}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000452		Re-Slope:	1.000000	
A1 (Gain):	0.000372		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999856		Status:	OK.	
Std Error of Est:	0.000116				
Predicted MDL:	0.331044				
Predicted MQL:	1.103481				

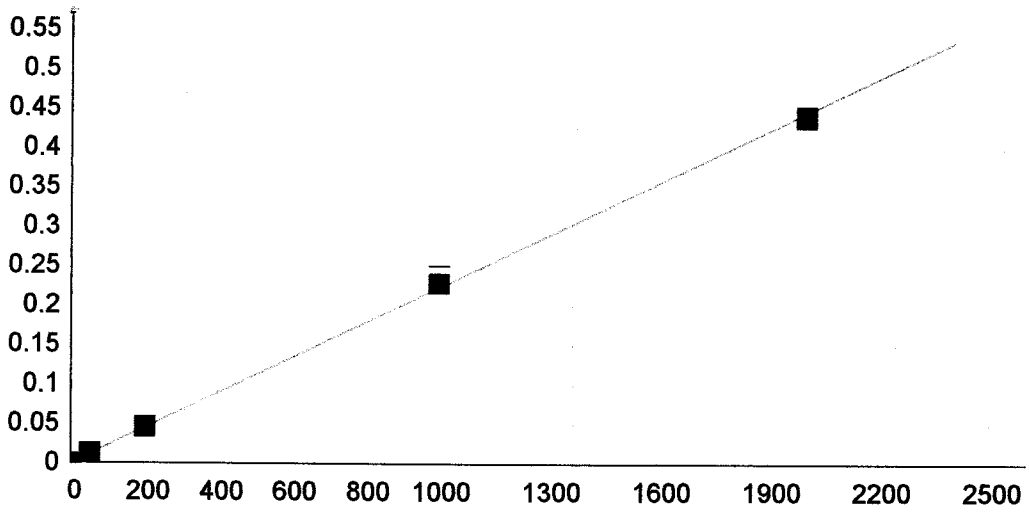
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00148	-.001	.000	.00045	.000	1
DCAL1	50.000	51.195	1.19	2.39	.01985	.000	1
DCAL2	200.00	198.31	-1.69	-.847	.08329	.001	1
DCAL3	1000.0	1027.7	27.7	2.77	.42809	.018	1
DCAL4	2000.0	1972.9	-27.1	-1.35	.82504	.004	1



Mo 202.030 {467}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000130		Re-Slope:	1.000000	
A1 (Gain):	0.000835		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999938		Status:	OK.	
Std Error of Est:	0.000152				
Predicted MDL:	0.144829				
Predicted MQL:	0.482764				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00053	-.001	.000	-.00013	.000	1
DCAL1	20.000	20.582	.582	2.91	.01705	.000	1
DCAL2	500.00	494.07	-5.93	-1.19	.41245	.004	1
DCAL3	2500.0	2540.5	40.5	1.62	2.1213	.094	1
DCAL4	5000.0	4964.9	-35.1	-.702	4.1458	.018	1

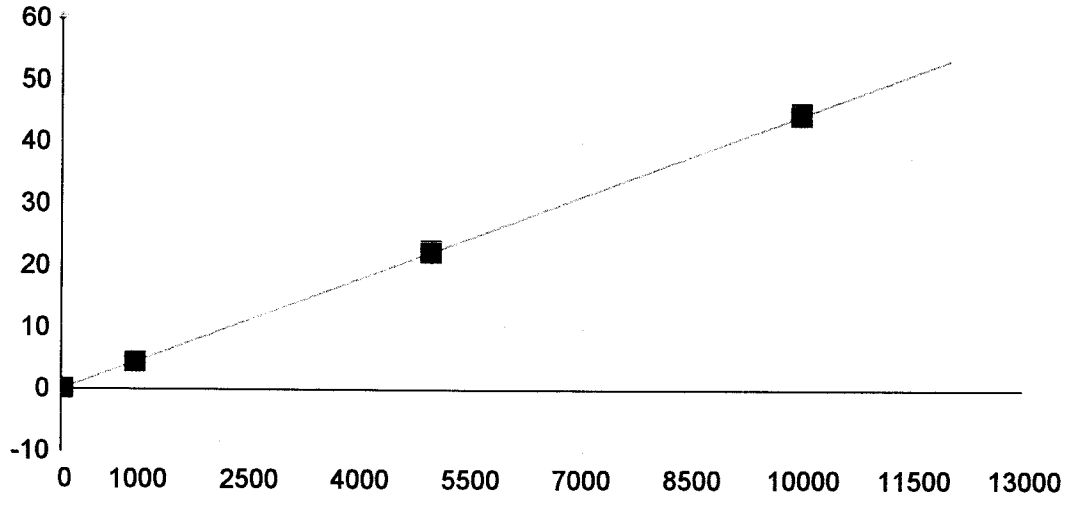


Sn 189.989 {477}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000111	Re-Slope:	1.000000
A1 (Gain):	0.000223	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999796	Status:	OK.
Std Error of Est:	0.000074		
Predicted MDL:	0.369838		
Predicted MQL:	1.232792		

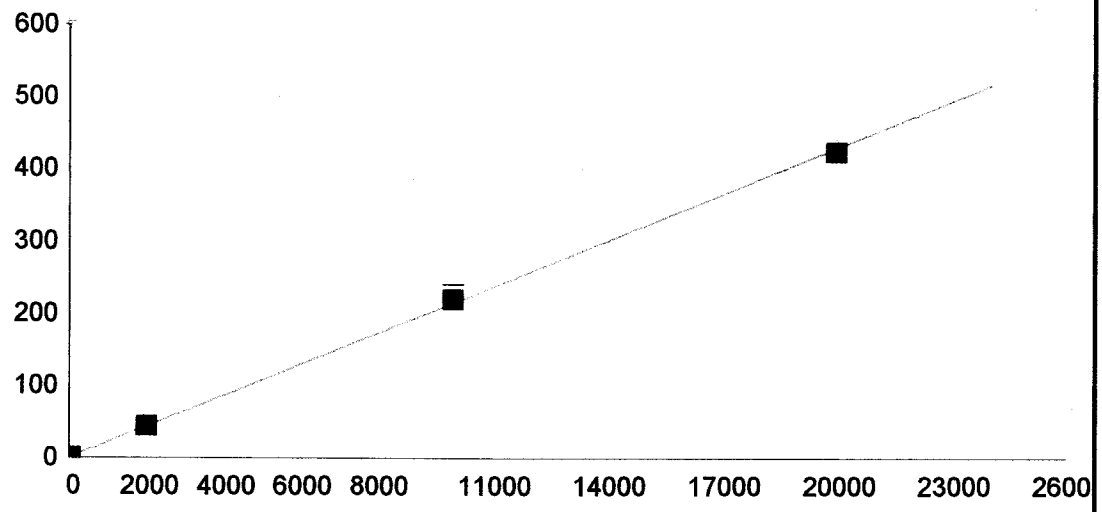
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00532	-.005	.000	.00011	.000	1
DCAL1	50.000	54.136	4.14	8.27	.01217	.000	1
DCAL2	200.00	203.24	3.24	1.62	.04538	.000	1
DCAL3	1000.0	1022.3	22.3	2.23	.22779	.010	1
DCAL4	2000.0	1970.4	-29.6	-1.48	.43895	.002	1



Sr 407.771 { 83}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.002757		Re-Slope:	1.000000	
A1 (Gain):	0.004443		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999999		Status:	OK.	
Std Error of Est:	0.000130				
Predicted MDL:	0.101741				
Predicted MQL:	0.339137				

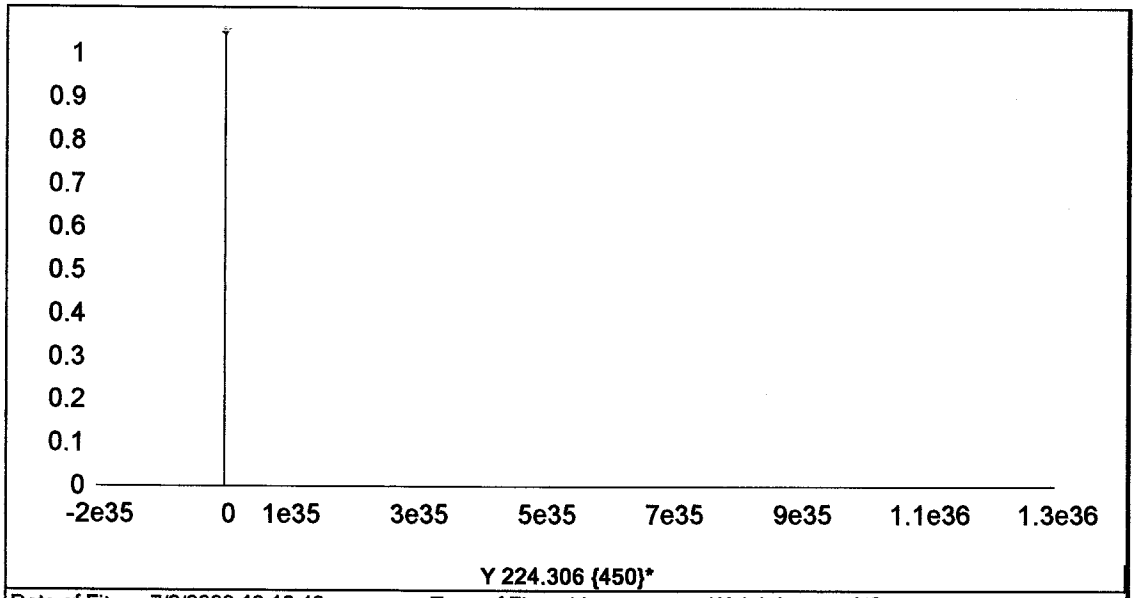
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00070	-.001	.000	-.00276	.000	1
DCAL1	20.000	20.672	.672	3.36	.08965	.000	1
DCAL2	1000.0	1001.7	1.67	.167	4.4503	.013	1
DCAL3	5000.0	4999.5	-.498	-.010	22.223	.314	1
DCAL4	10000.	9998.2	-1.85	-.018	44.445	.353	1



Ti 334.941 {101}

Date of Fit:	3/5/2010 18:30:46	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.011682		Re-Slope:	1.000000	
A1 (Gain):	0.021452		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999848		Status:	OK.	
Std Error of Est:	0.012232				
Predicted MDL:	0.087096				
Predicted MQL:	0.290319				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00213	-.002	.000	.01164	.001	1
DCAL1	20.000	21.667	1.67	8.34	.47642	.001	1
DCAL2	2000.0	2025.0	25.0	1.25	43.457	.400	1
DCAL3	10000.	10240.	240.	2.40	219.71	6.68	1
DCAL4	20000.	19733.	-267.	-1.33	423.39	.370	1

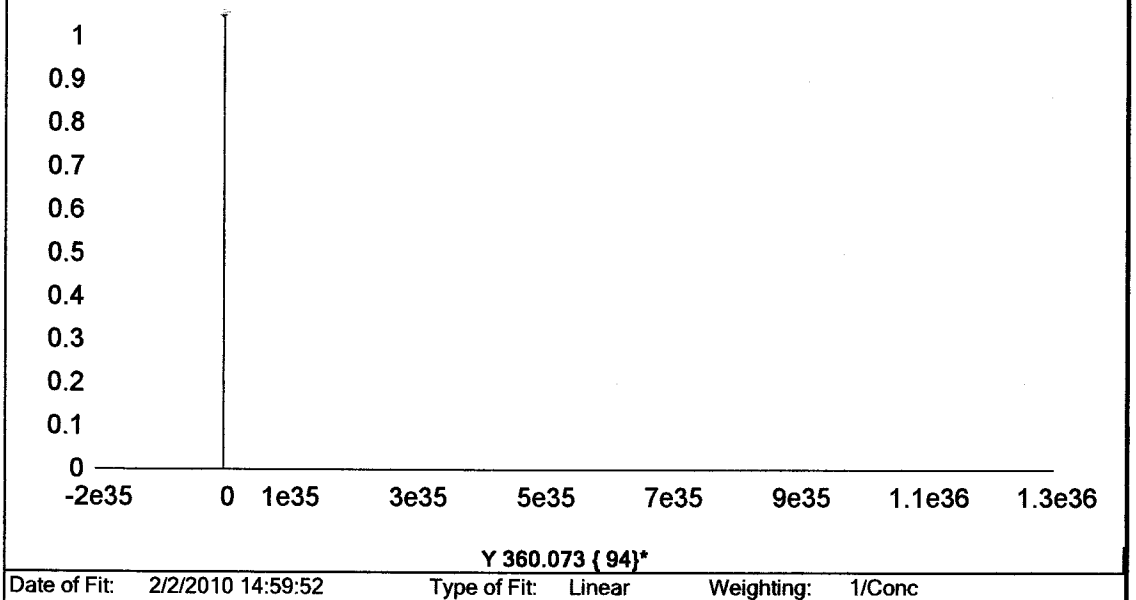


Y 224.306 {450}*

Date of Fit:	7/2/2009 13:18:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	183.492520		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



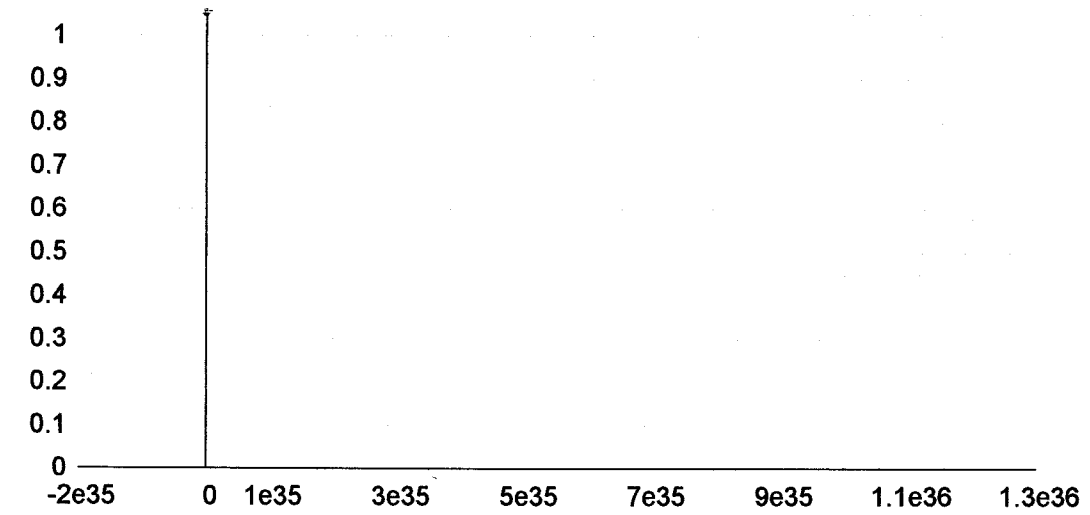
Y 360.073 { 94}*

Date of Fit:	2/2/2010 14:59:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		

n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 371.030 { 91}*

Date of Fit:	2/5/2010 13:43:21	Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	0.000000			Re-Slope:	1.000000	
A1 (Gain):	0.000000			Y-int:	0.000000	
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	192.759705					
Predicted MDL:	n/a					
Predicted MQL:	n/a					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

Sample Name: CAL_BLK Acquired: 3/5/2010 17:56:31 Type: Cal
Method: SW846O2102010(v13) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0016**	**-.0001**	**-.0012**	**.0028**	**-.0003**	**-.0104**
Stddev	.0005	.0000	.0000	.0001	.0005	.0006
%RSD	28.95	25.54	2.507	2.240	157.7	5.644
#1	-.0016	-.0002	-.0012	.0028	.0000	-.0098
#2	-.0021	-.0001	-.0012	.0029	.0000	-.0110
#3	-.0012	-.0001	-.0012	.0027	-.0008	-.0104

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0004**	**-.0006**	**.0001**	**.0007**	**.0000**	**-.0217**
Stddev	.0001	.0001	.0000	.0005	.001	.0017
%RSD	28.13	12.68	95.01	78.63	6335.	7.694
#1	-.0004	-.0005	.0001	.0001	.0008	-.0218
#2	-.0003	-.0006	.0000	.0009	.0003	-.0199
#3	-.0005	-.0006	.0000	.0010	-.0011	-.0232

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0005**	**.0001**	**-.0099**	**-.0004**	**.0001**	**.0002**
Stddev	.0008	.0000	.0009	.0002	.0001	.0001
%RSD	176.9	19.56	8.776	40.66	72.88	47.96
#1	-.0002	.0001	-.0091	-.0002	.0002	.0001
#2	.0014	.0001	-.0109	-.0005	.0000	.0003
#3	.0002	.0001	-.0098	-.0004	.0002	.0002

Sample Name: CAL_BLK Acquired: 3/5/2010 17:56:31 Type: Cal
Method: SW84602102010(v13) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0003	-.0009	.0000	.0003	.0005	-.0001
Stddev	.0001	.0001	.000	.0001	.0001	.0001
%RSD	24.23	12.75	727.2	35.88	14.05	56.58
#1	.0003	-.0010	.0000	.0004	.0004	-.0001
#2	.0002	-.0008	.0000	.0002	.0005	-.0002
#3	.0003	-.0008	-.0001	.0005	.0004	-.0001

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	.0001	-.0028	.0116
Stddev	.0000	.0002	.0008
%RSD	18.89	6.282	6.753
#1	.0001	-.0029	.0109
#2	.0001	-.0026	.0124
#3	.0001	-.0027	.0116

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6099.1	125650.	16054.
Stddev	47.7	218.	49.
%RSD	.78214	.17334	.30702
#1	6154.2	125890.	16104.
#2	6070.5	125580.	16053.
#3	6072.7	125470.	16006.

Sample Name: DCAL1 Acquired: 3/5/2010 18:03:10 Type: Cal
Method: SW84602102010(v13) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0111**	**.0003**	**.0008**	**.5518**	**.0150**	**.2124**
Stddev	.0002	.0000	.0000	.0015	.0002	.0007
%RSD	1.762	15.55	3.956	.2630	1.422	.3381
#1	.0110	.0004	.0008	.5534	.0151	.2117
#2	.0113	.0003	.0007	.5506	.0151	.2131
#3	.0111	.0003	.0008	.5512	.0147	.2125

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0164**	**.0685**	**.0022**	**.0034**	**.0340**	**.1423**
Stddev	.0001	.0002	.0001	.0002	.0013	.0013
%RSD	.8446	.3576	3.467	6.525	3.704	.9382
#1	.0163	.0687	.0022	.0033	.0342	.1408
#2	.0165	.0682	.0021	.0037	.0352	.1428
#3	.0163	.0685	.0021	.0033	.0327	.1433

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2.504**	**.0170**	**.4698**	**.0491**	**.0018**	**.0015**
Stddev	.007	.0001	.0020	.0002	.0001	.0000
%RSD	.2865	.3714	.4291	.4648	7.394	.7184
#1	2.498	.0169	.4680	.0493	.0020	.0015
#2	2.502	.0170	.4693	.0489	.0017	.0015
#3	2.512	.0171	.4720	.0490	.0018	.0015

Sample Name: DCAL1 Acquired: 3/5/2010 18:03:10 Type: Cal
Method: SW84602102010(v13) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0006**	**.0009**	**.0088**	**.0436**	**.0199**	**.0171**
Stddev	.0001	.0001	.0001	.0001	.0001	.0001
%RSD	16.59	9.484	.8581	.1597	.6814	.3478
#1	.0007	.0008	.0088	.0436	.0199	.0171
#2	.0005	.0010	.0088	.0436	.0197	.0170
#3	.0005	.0009	.0089	.0435	.0200	.0170

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	**.0122**	**.0896**	**.4764**
Stddev	.0001	.0004	.0006
%RSD	.7164	.4284	.1236
#1	.0122	.0893	.4757
#2	.0121	.0901	.4768
#3	.0122	.0895	.4767

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6050.7**	**125230.**	**16035.**
Stddev	1.7	208.	56.
%RSD	.02864	.16591	.34912
#1	6050.7	124990.	16043.
#2	6052.5	125350.	16086.
#3	6049.0	125340.	15975.

Sample Name: DCAL2 Acquired: 3/5/2010 18:09:49 Type: Cal
Method: SW84602102010(v13) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.383**	**.0359**	**.0454**	**5.240**	**1.500**	**1.098**
Stddev	.005	.0002	.0001	.043	.004	.005
%RSD	.3511	.6903	.1426	.8247	.2843	.4367
#1	1.378	.0359	.0454	5.241	1.495	1.095
#2	1.383	.0361	.0453	5.282	1.500	1.096
#3	1.388	.0356	.0453	5.196	1.504	1.104

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.006**	**.6637**	**.1981**	**.2599**	**4.074**	**.2955**
Stddev	.008	.0059	.0004	.0003	.043	.0011
%RSD	.8136	.8869	.1782	.1048	1.063	.3765
#1	1.005	.6650	.1984	.2596	4.081	.2945
#2	1.014	.6688	.1977	.2600	4.113	.2954
#3	.9981	.6572	.1982	.2601	4.028	.2967

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12.04**	**1.080**	**2.303**	**.5855**	**.4334**	**.0290**
Stddev	.11	.003	.008	.0050	.0039	.0002
%RSD	.9421	.2273	.3611	.8539	.8982	.6535
#1	12.04	1.082	2.298	.5858	.4335	.0291
#2	12.16	1.077	2.299	.5902	.4373	.0291
#3	11.93	1.081	2.313	.5803	.4295	.0288

Sample Name: DCAL2 Acquired: 3/5/2010 18:09:49 Type: Cal
Method: SW84602102010(v13) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0362**	**.0930**	**.0842**	**.6467**	**.0833**	**.4124**
Stddev	.0004	.0006	.0001	.0058	.0007	.0036
%RSD	.9815	.6109	.1574	.8935	.7871	.8802
#1	.0361	.0929	.0843	.6467	.0833	.4126
#2	.0365	.0936	.0841	.6524	.0839	.4160
#3	.0358	.0925	.0841	.6409	.0826	.4088

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	**.0454**	**4.450**	**43.46**
Stddev	.0004	.013	.40
%RSD	.9856	.2853	.9194
#1	.0455	4.439	43.47
#2	.0457	4.448	43.85
#3	.0449	4.464	43.05

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6043.6**	**124620.**	**16149.**
Stddev	50.3	448.	84.
%RSD	.83279	.35958	.52161
#1	6028.3	124270.	16245.
#2	6002.7	125120.	16114.
#3	6099.8	124460.	16087.

Sample Name: DCAL3 Acquired: 3/5/2010 18:16:20 Type: Cal
Method: SW84602102010(v13) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7.213**	**.1901**	**.2421**	**26.21**	**7.898**	**5.619**
Stddev	.065	.0084	.0011	1.15	.066	.057
%RSD	.9035	4.414	.4364	4.382	.8343	1.010
#1	7.282	.1998	.2409	27.54	7.968	5.677
#2	7.205	.1848	.2426	25.49	7.890	5.617
#3	7.153	.1858	.2429	25.61	7.837	5.563

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5.135**	**3.321**	**1.023**	**1.338**	**20.62**	**1.583**
Stddev	.226	.146	.004	.012	.62	.016
%RSD	4.398	4.403	.4082	.9011	3.000	1.033
#1	5.396	3.489	1.018	1.351	21.32	1.600
#2	4.994	3.226	1.025	1.337	20.19	1.582
#3	5.016	3.247	1.025	1.327	20.34	1.568

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**62.13**	**5.307**	**11.62**	**2.919**	**2.163**	**.1494**
Stddev	1.89	.057	.10	.131	.091	.0066
%RSD	3.048	1.076	.9023	4.495	4.199	4.386
#1	64.28	5.244	11.73	3.070	2.268	.1570
#2	60.71	5.357	11.61	2.835	2.105	.1452
#3	61.39	5.319	11.52	2.853	2.117	.1461

Sample Name: DCAL3 Acquired: 3/5/2010 18:16:20 Type: Cal
Method: SW84602102010(v13) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.1890**	**.4508**	**.4343**	**3.263**	**.4281**	**2.121**
Stddev	.0079	.0194	.0018	.144	.0177	.094
%RSD	4.189	4.297	.4230	4.403	4.136	4.421
#1	.1982	.4731	.4323	3.429	.4485	2.229
#2	.1841	.4383	.4358	3.171	.4170	2.061
#3	.1849	.4410	.4347	3.189	.4188	2.073

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	**.2278**	**22.22**	**219.7**
Stddev	.0098	.31	6.7
%RSD	4.308	1.413	3.042
#1	.2391	22.59	227.4
#2	.2216	22.06	216.1
#3	.2227	22.02	215.6

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5607.8**	**115810.**	**15845.**
Stddev	173.9	333.	72.
%RSD	3.1005	.28744	.45662
#1	5408.4	116190.	15770.
#2	5727.6	115570.	15849.
#3	5687.4	115660.	15915.

Sample Name: DCAL4 Acquired: 3/5/2010 18:23:26 Type: Cal
Method: SW84602102010(v13) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14.22**	**.3751**	**.4872**	**50.29**	**15.13**	**11.39**
Stddev	.02	.0016	.0026	.12	.01	.01
%RSD	.1060	.4197	.5283	.2307	.0463	.0564
#1	14.20	.3735	.4860	50.42	15.13	11.38
#2	14.23	.3766	.4901	50.26	15.14	11.40
#3	14.21	.3751	.4854	50.19	15.14	11.39

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9.911**	**6.425**	**1.977**	**2.615**	**40.19**	**3.249**
Stddev	.043	.029	.010	.001	.28	.003
%RSD	.4346	.4479	.5239	.0410	.6925	.1051
#1	9.867	6.397	1.976	2.614	40.10	3.245
#2	9.953	6.455	1.988	2.615	40.50	3.250
#3	9.911	6.424	1.968	2.616	39.97	3.252

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**120.7**	**10.31**	**23.07**	**5.617**	**4.145**	**.2930**
Stddev	.2	.04	.12	.025	.018	.0016
%RSD	.1928	.4181	.5118	.4372	.4369	.5463
#1	120.6	10.26	23.00	5.593	4.127	.2914
#2	121.0	10.34	22.99	5.642	4.164	.2946
#3	120.6	10.32	23.20	5.617	4.145	.2929

Sample Name: DCAL4 Acquired: 3/5/2010 18:23:26 Type: Cal
Method: SW84602102010(v13) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3694	.8501	.8604	6.299	.8250	4.146
Stddev	.0016	.0037	.0042	.028	.0038	.018
%RSD	.4424	.4393	.4874	.4443	.4546	.4265
#1	.3676	.8462	.8587	6.272	.8215	4.128
#2	.3708	.8536	.8652	6.328	.8290	4.164
#3	.3697	.8506	.8573	6.299	.8246	4.145

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	.4390	44.45	423.4
Stddev	.0018	.35	.4
%RSD	.4127	.7950	.0874
#1	.4372	44.15	423.5
#2	.4408	44.84	423.0
#3	.4389	44.34	423.7

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5390.2	112210.	15509.
Stddev	13.9	81.	12.
%RSD	.25819	.07236	.07688
#1	5396.2	112280.	15518.
#2	5374.3	112120.	15514.
#3	5400.1	112220.	15496.

Sample Name: ICV Acquired: 3/5/2010 18:30:57 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**122300.**	**2469.**	**1218.**	**10030.**	**1000.**	**122300.**
Stddev	635.	42.	11.	173.	6.	516.
%RSD	.5189	1.715	.8700	1.727	.5984	.4219
#1	121700.	2502.	1229.	10160.	994.1	121800.
#2	122300.	2484.	1209.	10090.	1000.0	122300.
#3	122900.	2421.	1215.	9831.	1006.	122900.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1234.**	**2480.**	**5019.**	**12380.**	**99000.**	**48550.**
Stddev	22.	51.	34.	67.	967.	189.
%RSD	1.784	2.046	.6854	.5427	.9771	.3886
#1	1251.	2522.	5056.	12320.	99650.	48340.
#2	1242.	2496.	4988.	12370.	99450.	48610.
#3	1209.	2424.	5014.	12450.	97880.	48700.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 3/5/2010 18:30:57 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123900.**	**5023.**	**123200.**	**2480.**	**7430.**	**988.3**
Stddev	650.	72.	565.	49.	129.	19.4
%RSD	.5248	1.440	.4587	1.979	1.735	1.961
#1	124500.	5101.	122700.	2519.	7532.	1002.
#2	124100.	4957.	123200.	2496.	7474.	996.7
#3	123200.	5012.	123800.	2424.	7285.	966.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2471.**	**2505.**	**2458.**	**2482.**	**1001.**	**2410.**
Stddev	48.	43.	20.	45.	18.	44.
%RSD	1.923	1.697	.8003	1.828	1.789	1.806
#1	2508.	2542.	2479.	2518.	1016.	2444.
#2	2488.	2516.	2441.	2497.	1006.	2425.
#3	2418.	2459.	2454.	2431.	981.0	2361.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 3/5/2010 18:30:57 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**974.1**	**4968.**	**9838.**
Stddev	19.8	39.	113.
%RSD	2.029	.7787	1.151
#1	991.1	4931.	9926.
#2	978.7	4966.	9878.
#3	952.4	5008.	9710.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5825.6**	**119460.**	**16207.**
Stddev	59.5	779.	107.
%RSD	1.0217	.65211	.66233
#1	5786.9	118620.	16319.
#2	5795.8	120160.	16196.
#3	5894.1	119590.	16106.

Sample Name: CCB Acquired: 3/5/2010 18:38:04 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.844**	**1.550**	**.2744**	**-.1236**	**-.0630**	**-2.423**
Stddev	14.20	.851	.2168	.0699	.0523	11.05
%RSD	293.2	54.89	78.99	56.57	83.01	456.1
#1	7.252	1.904	.1552	-.1441	-.0371	9.460
#2	17.69	2.167	.5246	-.0457	-.0287	-12.40
#3	-10.41	.5794	.1434	-.1810	-.1231	-4.332
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0545**	**.0205**	**-.0728**	**-.7375**	**-1.157**	**22.22**
Stddev	.0086	.1021	.2168	.4043	1.077	35.81
%RSD	15.84	497.3	297.9	54.82	93.11	161.2
#1	-.0616	.1035	-.3181	-.5514	-1.726	62.85
#2	-.0449	-.0935	.0932	-.4598	.0854	8.564
#3	-.0570	.0516	.0066	-1.201	-1.829	-4.762
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/5/2010 18:38:04 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-3.721**	**.0208**	**28.18**	**-.0545**	**.2821**	**.7174**
Stddev	.925	.0137	6.15	.1182	.5234	.4488
%RSD	24.86	65.68	21.81	216.9	185.5	62.57
#1	-2.682	.0359	34.91	.0024	.4710	1.227
#2	-4.024	.0172	26.78	-.1904	-.3095	.3804
#3	-4.457	.0093	22.86	.0245	.6849	.5448
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.032**	**3.060**	**.3154**	**.0391**	**3.893**	**1.797**
Stddev	.834	.218	.1913	.0207	.290	.276
%RSD	80.84	7.123	60.66	52.90	7.442	15.34
#1	-.2957	3.300	.4586	.0541	4.172	2.093
#2	-1.938	2.874	.0981	.0477	3.913	1.752
#3	-.8622	3.005	.3897	.0155	3.593	1.547
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/5/2010 18:38:04 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1142**	**.0226**	**.4286**
Stddev	.1087	.0717	.0719
%RSD	95.16	316.9	16.77
#1	-.0099	.0032	.4765
#2	.1924	-.0373	.4634
#3	.1601	.1020	.3460
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6170.0**	**128500.**	**16053.**
Stddev	57.7	468.	28.
%RSD	.93558	.36410	.17655
#1	6146.2	127970.	16076.
#2	6128.0	128670.	16062.
#3	6235.9	128860.	16021.

Sample Name: ICSA 371312 Acquired: 3/5/2010 18:44:42 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**496900.**	**-3.162**	**1.454**	**1.069**	**-.1476**	**485500.**
Stddev	3680.	.538	.280	.050	.0165	4279.
%RSD	.7407	17.03	19.24	4.641	11.17	.8814
#1	499800.	-3.510	1.550	1.125	-.1629	480900.
#2	498000.	-3.432	1.139	1.052	-.1302	489400.
#3	492700.	-2.542	1.673	1.029	-.1499	486100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.905**	**2.345**	**-.3282**	**-.1578**	**190300.**	**-137.7**
Stddev	.078	.146	.3380	2.227	1920.	52.5
%RSD	4.074	6.207	103.0	1411.	1.009	38.14
#1	1.970	2.190	.0550	-1.023	192500.	-94.97
#2	1.819	2.479	-.4558	2.372	189400.	-196.3
#3	1.924	2.367	-.5840	-1.822	188900.	-121.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/5/2010 18:44:42 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**492200.**	**1.813**	**83.75**	**1.192**	**-3.451**	**2.668**
Stddev	10170.	.137	6.12	.112	1.302	2.158
%RSD	2.067	7.567	7.302	9.411	37.74	80.89
#1	501600.	1.752	76.91	1.110	-4.454	1.410
#2	493500.	1.718	88.70	1.319	-1.979	1.435
#3	481400.	1.971	85.64	1.145	-3.918	5.161
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0202**	**1.099**	**2.066**	**-2.596**	**6.017**	**-1.620**
Stddev	.5116	.403	.245	.201	.057	.136
%RSD	2532.	36.65	11.86	7.753	.9509	8.417
#1	-.4462	1.563	1.783	-2.367	5.995	-1.471
#2	-.0606	.9044	2.199	-2.746	6.082	-1.739
#3	.5674	.8310	2.215	-2.673	5.974	-1.651
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/5/2010 18:44:42 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3530**	**-7.429**	**-2.592**
Stddev	.7471	.123	.097
%RSD	211.7	1.658	3.730
#1	-.2843	-7.288	-2.703
#2	.1681	-7.516	-2.530
#3	1.175	-7.482	-2.542
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5687.2**	**111540.**	**16226.**
Stddev	57.5	199.	64.
%RSD	1.0106	.17862	.39357
#1	5621.3	111320.	16160.
#2	5726.8	111580.	16229.
#3	5713.6	111710.	16288.

Sample Name: ICSAB 371336 Acquired: 3/5/2010 18:51:38 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**493200.**	**93.79**	**104.2**	**99.08**	**97.31**	**485400.**
Stddev	1935.	.90	.1	.21	.47	3963.
%RSD	.3923	.9572	.0977	.2137	.4828	.8165
#1	491200.	93.56	104.3	98.84	97.51	488700.
#2	495100.	93.03	104.1	99.15	97.65	486500.
#3	493300.	94.78	104.1	99.25	96.78	481000.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**94.64**	**95.31**	**98.41**	**94.97**	**189200.**	**9766.**
Stddev	.27	.27	.38	1.37	1173.	33.
%RSD	.2847	.2806	.3820	1.441	.6199	.3360
#1	94.40	95.04	98.73	94.30	187900.	9731.
#2	94.59	95.58	98.50	94.07	189500.	9770.
#3	94.93	95.32	97.99	96.55	190100.	9796.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/5/2010 18:51:38 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**487000.**	**99.72**	**10200.**	**93.34**	**89.09**	**95.07**
Stddev	1905.	.15	27.	.27	.30	.98
%RSD	.3913	.1460	.2678	.2943	.3414	1.035
#1	484900.	99.62	10170.	93.32	89.42	94.36
#2	487500.	99.65	10220.	93.07	89.01	94.67
#3	488600.	99.89	10210.	93.62	88.83	96.19
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**95.61**	**94.26**	**100.3**	**90.28**	**102.1**	**92.34**
Stddev	.57	.81	.4	.37	.7	.49
%RSD	.5937	.8568	.3577	.4141	.6753	.5307
#1	94.97	93.36	100.3	89.89	101.8	91.96
#2	95.82	94.94	100.6	90.31	102.9	92.17
#3	96.05	94.48	99.89	90.64	101.6	92.90
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/5/2010 18:51:38 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**95.76**	**90.03**	**95.97**
Stddev	.82	.08	.49
%RSD	.8572	.0891	.5151
#1	94.87	89.96	95.55
#2	95.93	90.01	95.86
#3	96.49	90.12	96.52
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5611.9**	**111850.**	**15915.**
Stddev	25.6	165.	5.
%RSD	.45638	.14748	.03353
#1	5638.6	111660.	15920.
#2	5609.5	111980.	15909.
#3	5587.5	111890.	15916.

Sample Name: INT-10 Acquired: 3/5/2010 18:58:33 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**229.6**	**9.689**	**-.9646**	**10.99**	F **-4.283**	**53.67**
Stddev	5.0	1.709	.4309	.42	.044	12.18
%RSD	2.199	17.64	44.67	3.840	1.021	22.69
#1	234.8	8.318	-.4672	11.45	-4.247	67.72
#2	229.5	11.60	-1.206	10.62	-4.332	46.11
#3	224.7	9.145	-1.221	10.92	-4.271	47.18
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-4.000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2133**	F **10860.**	F **10510.**	**-27.97**	**202.4**	**5.708**
Stddev	.0341	32.	276.	2.34	12.7	6.194
%RSD	16.00	.2970	2.631	8.358	6.271	108.5
#1	-.2139	10880.	10490.	-29.81	216.8	-.4232
#2	-.2472	10870.	10790.	-25.34	197.9	11.96
#3	-.1789	10820.	10240.	-28.76	192.6	5.585
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		5000.	10000.			
Low Limit		-50.00	-20.00			

Sample Name: INT-10 Acquired: 3/5/2010 18:58:33 Type: Unk
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**28.56**	**9886.**	**23.49**	F **10940.**	**-6.918**	**6.759**
Stddev	1.18	397.	6.11	18.	.463	2.796
%RSD	4.117	4.011	26.03	.1609	6.695	41.37
#1	29.81	10130.	16.74	10950.	-6.453	7.153
#2	28.39	9428.	28.67	10940.	-6.923	3.786
#3	27.48	10100.	25.05	10920.	-7.379	9.337
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-3.828**	F **-30.39**	**4993.**	**4.070**	**1.696**	F **5210.**
Stddev	.823	4.25	92.	.214	.286	9.
%RSD	21.50	14.00	1.838	5.266	16.89	.1744
#1	-3.681	-25.67	5093.	4.179	1.951	5217.
#2	-3.088	-33.95	4914.	4.208	1.751	5212.
#3	-4.714	-31.54	4971.	3.823	1.386	5200.
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit		4500.				5000.
Low Limit		-20.00				-50.00

Sample Name: INT-10 Acquired: 3/5/2010 18:58:33 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	F **10910.**	**9957.**	**10300.**
Stddev	38.	46.	193.
%RSD	.3500	.4654	1.877
#1	10940.	9986.	10450.
#2	10920.	9982.	10080.
#3	10870.	9904.	10360.
Check ?	Chk Fail	Chk Pass	Chk Pass
High Limit	2000.		
Low Limit	-50.00		
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5906.5**	**127500.**	**16213.**
Stddev	27.1	1916.	77.
%RSD	.45848	1.5030	.47251
#1	5883.7	125430.	16222.
#2	5899.3	129210.	16132.
#3	5936.4	127880.	16284.

Sample Name: 460-10799-e-1-a@5 Acquired: 3/5/2010 19:05:33 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3060.**	**15.62**	**.7187**	**34.20**	**.3681**	**26760.**
Stddev	6.	.84	.4709	.09	.0605	40.
%RSD	.2092	5.369	65.52	.2737	16.44	.1497
#1	3057.	15.37	.4553	34.17	.4138	26810.
#2	3055.	14.94	.4384	34.13	.3912	26730.
#3	3067.	16.56	1.262	34.30	.2995	26750.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3674**	**2.898**	**22.27**	**9.157**	**18390.**	**1338.**
Stddev	.0342	.728	.51	3.636	130.	30.
%RSD	9.300	25.14	2.302	39.70	.7087	2.269
#1	.3565	3.722	21.69	9.007	18270.	1371.
#2	.4057	2.629	22.43	5.599	18380.	1311.
#3	.3400	2.342	22.68	12.87	18530.	1332.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10799-e-1-a@5 Acquired: 3/5/2010 19:05:33 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6001.**	**145.7**	**127500.**	**13.36**	**3.727**	**.1763**
Stddev	47.	.2	241.	.69	.668	.5594
%RSD	.7790	.1672	.1893	5.147	17.92	317.2
#1	5954.	145.4	127700.	14.14	3.320	.6290
#2	6001.	145.6	127200.	13.13	4.498	.3490
#3	6047.	145.9	127500.	12.82	3.363	-.4490
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.1207**	**1.328**	**14.33**	**71.42**	**17.70**	**4.419**
Stddev	1.627	.651	.24	.09	.29	.751
%RSD	1347.	49.05	1.707	.1279	1.655	17.00
#1	1.752	1.757	14.61	71.35	17.37	5.272
#2	-1.182	.5785	14.20	71.38	17.82	4.129
#3	-.9322	1.649	14.18	71.52	17.92	3.856
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10799-e-1-a@5 Acquired: 3/5/2010 19:05:33 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**2.833**	**185.5**	**34.90**
Stddev	1.174	.5	.51
%RSD	41.43	.2511	1.456
#1	4.188	185.7	34.38
#2	2.136	184.9	34.92
#3	2.175	185.8	35.39
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6058.9**	**122580.**	**16331.**
Stddev	33.8	250.	43.
%RSD	.55867	.20424	.26125
#1	6092.0	122310.	16292.
#2	6060.2	122650.	16377.
#3	6024.4	122800.	16325.

Sample Name: 460-10799-e-3-a@2 Acquired: 3/5/2010 19:12:07 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**372.8**	**3.591**	**.0051**	**41.06**	**-.0209**	**45030.**
Stddev	1.8	.606	.2446	.39	.0464	1447.
%RSD	.4723	16.88	4768.	.9576	222.3	3.213
#1	371.9	2.900	-.2553	41.51	.0266	43360.
#2	371.7	4.035	.0406	40.90	-.0232	45880.
#3	374.9	3.837	.2300	40.78	-.0661	45840.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0347**	**2.015**	**2.939**	**3.591**	**1104.**	**5766.**
Stddev	.0164	.318	.120	2.375	8.	223.
%RSD	47.25	15.79	4.095	66.14	.7108	3.874
#1	.0323	2.370	2.807	2.745	1112.	5511.
#2	.0522	1.919	3.043	6.273	1104.	5860.
#3	.0197	1.755	2.966	1.755	1097.	5926.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10799-e-3-a@2 Acquired: 3/5/2010 19:12:07 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1902.**	**5.545**	**190700.**	**3.537**	**1.798**	**.6284**
Stddev	9.	.110	7644.	.367	.450	.8271
%RSD	.4690	1.989	4.009	10.37	25.05	131.6
#1	1909.	5.423	181900.	3.960	1.899	1.287
#2	1905.	5.638	194200.	3.346	2.188	.8980
#3	1892.	5.574	195900.	3.304	1.305	-.2999
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2118**	**1.056**	**3.701**	**2.974**	**27.92**	**1.287**
Stddev	1.550	.850	.273	.071	.35	.269
%RSD	731.7	80.56	7.389	2.387	1.243	20.90
#1	-.8183	.1639	3.992	3.040	27.90	1.570
#2	1.549	1.145	3.659	2.984	27.58	1.257
#3	-1.366	1.857	3.450	2.899	28.27	1.034
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10799-e-3-a@2 Acquired: 3/5/2010 19:12:07 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.8423**	**304.6**	**6.735**
Stddev	.0819	9.8	.168
%RSD	9.719	3.229	2.488
#1	.8437	293.3	6.556
#2	.7597	310.3	6.760
#3	.9234	310.4	6.889
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5913.3**	**119530.**	**16017.**
Stddev	30.4	179.	361.
%RSD	.51475	.14937	2.2568
#1	5880.3	119340.	16434.
#2	5919.2	119560.	15831.
#3	5940.3	119700.	15786.

Sample Name: mb 460-31285/1-a@2 Acquired: 3/5/2010 19:18:50 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12.00**	**.5822**	**-.0746**	**-.1960**	**-.0657**	**26.74**
Stddev	3.21	.6285	.5850	.0493	.0414	5.84
%RSD	26.77	107.9	783.8	25.13	62.90	21.83
#1	15.22	1.308	-.5518	-.2522	-.0574	30.71
#2	8.793	.2102	-.2502	-.1604	-.0292	20.04
#3	11.99	.2286	.5780	-.1752	-.1106	29.49
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0275**	**-.1517**	**.1721**	**-.8484**	**12.32**	**4.511**
Stddev	.0132	.0548	.0215	2.298	4.67	36.45
%RSD	48.18	36.15	12.48	270.9	37.89	807.8
#1	-.0149	-.1421	.1905	-1.096	12.94	-11.10
#2	-.0262	-.1022	.1485	-3.012	16.65	46.16
#3	-.0413	-.2107	.1773	1.564	7.375	-21.53
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-31285/1-a@2 Acquired: 3/5/2010 19:18:50 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.266**	**.0944**	**83.63**	**.1848**	**.3270**	**.5802**
Stddev	2.349	.0279	4.33	.1866	.4205	.7239
%RSD	185.6	29.55	5.180	101.0	128.6	124.8
#1	1.357	.1034	85.26	.0144	.6700	-.1369
#2	-1.979	.1167	86.91	.1559	.4531	1.311
#3	-3.175	.0631	78.72	.3842	-.1422	.5668
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4903**	**.2297**	**.1006**	**3.624**	**1.468**	**.6207**
Stddev	.7184	.4278	.0551	.075	.225	.1230
%RSD	146.5	186.2	54.74	2.079	15.34	19.81
#1	-.1184	.6406	.1328	3.584	1.439	.6922
#2	.3066	-.2132	.0370	3.711	1.259	.6911
#3	1.283	.2618	.1319	3.578	1.706	.4787
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-31285/1-a@2 Acquired: 3/5/2010 19:18:50 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**4.981**	**.0082**	**.3772**
Stddev	.178	.0632	.0359
%RSD	3.581	770.9	9.519
#1	4.871	.0302	.4018
#2	5.186	.0574	.3360
#3	4.885	-.0631	.3938
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6059.9**	**126910.**	**16067.**
Stddev	20.7	205.	52.
%RSD	.34176	.16151	.32374
#1	6049.6	127140.	16105.
#2	6046.4	126740.	16008.
#3	6083.7	126840.	16087.

Sample Name: lcssrm 460-31285/2-a Acquired: 3/5/2010 19:25:26 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**57460.**	**508.8**	**153.8**	**1078.**	**389.4**	**48740.**
Stddev	159.	6.0	1.3	10.	.5	150.
%RSD	.2764	1.175	.8680	.9434	.1175	.3067
#1	57290.	515.7	153.6	1090.	388.9	48580.
#2	57490.	506.4	152.6	1074.	389.6	48770.
#3	57610.	504.5	155.2	1071.	389.7	48870.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**295.5**	**464.0**	**1200.**	**878.8**	**101200.**	**22290.**
Stddev	2.9	4.9	11.	2.8	368.	64.
%RSD	.9975	1.063	.8783	.3183	.3640	.2852
#1	298.9	469.6	1194.	875.6	101600.	22270.
#2	294.0	462.2	1194.	881.0	100800.	22240.
#3	293.6	460.2	1212.	879.8	101200.	22360.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-31285/2-a Acquired: 3/5/2010 19:25:26 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**20580.**	**2933.**	**5118.**	**681.5**	**453.5**	**267.7**
Stddev	94.	13.	22.	7.2	5.0	2.6
%RSD	.4556	.4540	.4309	1.050	1.112	.9864
#1	20680.	2920.	5100.	689.7	459.3	270.5
#2	20490.	2933.	5110.	678.3	450.1	267.1
#3	20570.	2946.	5142.	676.6	451.1	265.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1357.**	**669.4**	**600.7**	**2952.**	**670.9**	**241.4**
Stddev	12.	4.4	5.8	29.	5.4	2.3
%RSD	.9175	.6543	.9595	.9710	.8104	.9418
#1	1371.	674.4	597.0	2985.	677.2	244.0
#2	1350.	666.3	597.7	2937.	668.0	240.2
#3	1349.	667.5	607.3	2933.	667.6	239.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-31285/2-a Acquired: 3/5/2010 19:25:26 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**549.7**	**1143.**	**2645.**
Stddev	5.2	3.	5.
%RSD	.9473	.2728	.2031
#1	555.6	1140.	2651.
#2	547.5	1143.	2642.
#3	545.9	1146.	2642.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6329.6**	**128110.**	**17063.**
Stddev	30.1	924.	18.
%RSD	.47575	.72111	.10651
#1	6295.6	128630.	17084.
#2	6353.0	128660.	17057.
#3	6340.1	127050.	17049.

Sample Name: 460-10920-b-12-b du@ Acquired: 3/5/2010 19:32:13 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**70740.**	**24.57**	**2.817**	**240.1**	**1.762**	**2856.**
Stddev	134.	.48	.501	2.6	.033	6.
%RSD	.1899	1.967	17.78	1.099	1.879	.1979
#1	70860.	25.08	3.314	239.0	1.727	2861.
#2	70780.	24.12	2.312	238.3	1.765	2856.
#3	70600.	24.50	2.827	243.2	1.793	2850.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.087**	**41.76**	**76.79**	**53.83**	**107400.**	**3479.**
Stddev	.083	.40	.12	1.26	682.	43.
%RSD	7.673	.9503	.1508	2.346	.6345	1.224
#1	.9954	41.49	76.71	54.46	107400.	3527.
#2	1.159	41.57	76.73	52.37	106700.	3461.
#3	1.106	42.21	76.92	54.65	108100.	3447.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-12-b du@ Acquired: 3/5/2010 19:32:13 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**16520.**	**1934.**	**241.8**	**68.61**	**44.57**	**-.1679**
Stddev	96.	4.	4.6	.68	.06	.7581
%RSD	.5827	.1846	1.915	.9912	.1448	451.5
#1	16510.	1935.	240.5	68.12	44.64	-.0596
#2	16430.	1931.	246.9	68.33	44.52	.5302
#3	16620.	1938.	237.9	69.39	44.55	-.9743
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.1078**	**1.044**	**114.9**	**227.4**	**13.01**	**1.249**
Stddev	1.416	.413	.2	2.1	.22	.150
%RSD	1314.	39.59	.1780	.9024	1.656	11.98
#1	.7794	.7193	114.8	226.2	12.77	1.089
#2	.6382	1.509	114.8	226.2	13.06	1.385
#3	-1.741	.9025	115.1	229.7	13.19	1.274
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-12-b du@ Acquired: 3/5/2010 19:32:13 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.7084**	**29.53**	**1337.**
Stddev	.1350	.18	7.
%RSD	19.06	.5945	.5081
#1	.7430	29.69	1338.
#2	.8228	29.34	1330.
#3	.5595	29.55	1344.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6329.5**	**128090.**	**16576.**
Stddev	38.4	150.	45.
%RSD	.60741	.11714	.26984
#1	6339.7	128240.	16607.
#2	6361.8	128090.	16597.
#3	6287.0	127940.	16525.

Sample Name: 460-10920-b-12-a@4 Acquired: 3/5/2010 19:38:46 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**72430.**	**24.48**	**2.872**	**243.4**	**1.728**	**2856.**
Stddev	362.	.99	.076	1.7	.061	11.
%RSD	.5003	4.040	2.663	.6947	3.558	.3939
#1	72070.	25.03	2.960	243.1	1.741	2843.
#2	72420.	23.34	2.834	241.9	1.781	2862.
#3	72790.	25.07	2.822	245.3	1.661	2864.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.023**	**39.60**	**75.49**	**55.12**	**107000.**	**3709.**
Stddev	.010	.32	.44	2.45	425.	9.
%RSD	.9993	.8144	.5889	4.449	.3976	.2446
#1	1.032	39.72	75.25	54.63	106800.	3705.
#2	1.025	39.24	75.21	57.78	106700.	3720.
#3	1.012	39.85	76.00	52.95	107500.	3703.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-12-a@4 Acquired: 3/5/2010 19:38:46 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**17130.**	**1709.**	**249.2**	**70.44**	**40.75**	**-.6761**
Stddev	84.	3.	8.0	.39	.48	.4788
%RSD	.4900	.1572	3.226	.5555	1.183	70.82
#1	17080.	1708.	242.2	70.38	40.25	-.1762
#2	17080.	1707.	258.0	70.08	41.21	-.7214
#3	17220.	1712.	247.4	70.86	40.79	-1.131
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.5795**	**1.253**	**115.5**	**236.4**	**13.20**	**1.074**
Stddev	.8443	.071	.2	1.1	.20	.071
%RSD	145.7	5.707	.1849	.4676	1.485	6.650
#1	1.160	1.326	115.2	236.6	13.20	1.097
#2	.9681	1.251	115.5	235.2	13.00	.9940
#3	-.3891	1.183	115.6	237.4	13.39	1.131
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-12-a@4 Acquired: 3/5/2010 19:38:46 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.5931**	**29.85**	**1390.**
Stddev	.2783	.04	6.
%RSD	46.92	.1414	.4586
#1	.8892	29.88	1387.
#2	.3369	29.87	1385.
#3	.5532	29.80	1397.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6287.3**	**127820.**	**16691.**
Stddev	20.9	103.	77.
%RSD	.33281	.08094	.45935
#1	6286.5	127720.	16780.
#2	6308.6	127930.	16646.
#3	6266.8	127800.	16647.

Sample Name: sd 460-10920-b-12-a@ Acquired: 3/5/2010 19:45:18 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**14260.**	**4.813**	**.6963**	**48.56**	**.3142**	**565.1**
Stddev	34.	.628	.2575	.34	.0228	14.5
%RSD	.2403	13.05	36.98	.6976	7.244	2.565
#1	14230.	4.433	.4976	48.27	.3268	553.4
#2	14300.	4.469	.6042	48.48	.2879	560.4
#3	14270.	5.539	.9872	48.94	.3278	581.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2294**	**7.942**	**14.89**	**10.55**	**21250.**	**725.9**
Stddev	.0181	.059	.15	.33	68.	28.4
%RSD	7.876	.7470	1.037	3.134	.3199	3.909
#1	.2167	7.919	14.93	10.85	21210.	749.5
#2	.2501	7.898	15.02	10.61	21210.	694.4
#3	.2214	8.010	14.72	10.19	21330.	733.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-10920-b-12-a@ Acquired: 3/5/2010 19:45:18 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3392.**	**338.3**	**64.33**	**14.41**	**7.888**	**.2162**
Stddev	13.	.6	7.98	.02	.184	.3406
%RSD	.3956	.1754	12.41	.1515	2.337	157.6
#1	3380.	337.6	60.66	14.39	7.680	.1952
#2	3390.	338.7	73.49	14.40	7.953	.5668
#3	3407.	338.5	58.84	14.43	8.030	-.1135
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.9516**	**.8609**	**22.59**	**47.77**	**3.347**	**.1905**
Stddev	1.366	.2556	.26	.23	.192	.0257
%RSD	143.5	29.69	1.161	.4900	5.729	13.51
#1	2.464	.7530	22.81	47.58	3.486	.1709
#2	-.1900	1.153	22.66	47.71	3.427	.2197
#3	.5805	.6769	22.30	48.03	3.129	.1810
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-10920-b-12-a@ Acquired: 3/5/2010 19:45:18 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3404**	**5.993**	**273.8**
Stddev	.0908	.041	1.0
%RSD	26.66	.6842	.3572
#1	.3849	5.973	273.1
#2	.2360	5.965	273.5
#3	.4004	6.040	274.9
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6183.2**	**127320.**	**16234.**
Stddev	27.3	327.	78.
%RSD	.44190	.25688	.48045
#1	6212.4	127650.	16312.
#2	6179.0	126990.	16236.
#3	6158.2	127330.	16156.

Sample Name: CCV Acquired: 3/5/2010 19:51:53 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123300.**	**2488.**	**1242.**	**10110.**	**1003.**	**123900.**
Stddev	189.	28.	13.	108.	2.	136.
%RSD	.1528	1.115	1.062	1.065	.2125	.1098
#1	123200.	2520.	1232.	10230.	1001.	123800.
#2	123500.	2473.	1257.	10050.	1005.	124000.
#3	123300.	2472.	1237.	10050.	1003.	123700.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1244.**	**2497.**	**5078.**	**12440.**	**99460.**	**48990.**
Stddev	14.	31.	60.	33.	624.	52.
%RSD	1.111	1.249	1.186	.2684	.6276	.1062
#1	1260.	2532.	5030.	12410.	100200.	48930.
#2	1236.	2485.	5146.	12480.	99250.	49030.
#3	1236.	2473.	5059.	12430.	98960.	49000.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/5/2010 19:51:53 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**124900.**	**5101.**	**124600.**	**2497.**	**7495.**	**997.5**
Stddev	1034.	19.	143.	30.	82.	14.6
%RSD	.8272	.3803	.1147	1.207	1.096	1.460
#1	125600.	5096.	124500.	2532.	7590.	1014.
#2	123800.	5122.	124800.	2485.	7454.	987.5
#3	125400.	5085.	124500.	2475.	7442.	990.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2488.**	**2527.**	**2503.**	**2503.**	**1005.**	**2427.**
Stddev	28.	27.	28.	28.	11.	27.
%RSD	1.111	1.086	1.105	1.111	1.054	1.129
#1	2520.	2559.	2484.	2534.	1017.	2459.
#2	2476.	2513.	2535.	2489.	999.6	2412.
#3	2469.	2510.	2491.	2484.	998.0	2410.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/5/2010 19:51:53 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**981.0**	**5045.**	**9971.**
Stddev	11.8	18.	89.
%RSD	1.202	.3594	.8952
#1	994.0	5058.	10070.
#2	977.8	5052.	9907.
#3	971.1	5024.	9934.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5795.1**	**117560.**	**16006.**
Stddev	39.0	1209.	56.
%RSD	.67321	1.0286	.34725
#1	5750.1	118540.	16045.
#2	5819.1	116210.	15943.
#3	5816.1	117940.	16031.

Sample Name: CCB Acquired: 3/5/2010 19:59:00 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.246**	**.1017**	**.1851**	**.3055**	**-.0321**	**-3.499**
Stddev	5.390	.8508	.3362	.5380	.0200	4.827
%RSD	127.0	836.4	181.6	176.1	62.45	137.9
#1	-1.279	.5199	.4325	.0662	-.0224	-8.935
#2	9.490	.6624	-.1976	-.0713	-.0188	.2826
#3	4.527	-.8772	.3205	.9217	-.0552	-1.844
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0057**	**.1454**	**.0629**	**-.7231**	**1.835**	**17.53**
Stddev	.0555	.1280	.0338	5.440	4.741	13.58
%RSD	967.6	88.06	53.71	752.3	258.4	77.47
#1	-.0130	.1869	.0663	3.485	6.980	10.97
#2	-.0379	.0017	.0949	1.212	.8797	8.477
#3	.0682	.2474	.0276	-6.867	-2.356	33.14
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/5/2010 19:59:00 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.761**	**.0756**	**38.79**	**.1988**	**.5479**	**1.014**
Stddev	.767	.0246	7.02	.2336	.2849	.448
%RSD	27.78	32.54	18.10	117.5	52.00	44.16
#1	-1.929	.0674	44.38	.2210	.2279	1.445
#2	-3.440	.0561	30.91	-.0452	.6421	1.047
#3	-2.915	.1032	41.06	.4205	.7739	.5509
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2544**	**1.536**	**.2034**	**.1483**	**1.898**	**1.402**
Stddev	1.182	.432	.2385	.1643	.330	.291
%RSD	464.6	28.12	117.3	110.8	17.38	20.77
#1	.0874	2.004	.3540	.0470	1.667	1.662
#2	.7189	1.154	.3278	.0601	2.276	1.088
#3	-1.569	1.450	-.0716	.3379	1.752	1.456
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/5/2010 19:59:00 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.4933**	**.0864**	**.5457**
Stddev	.0950	.0309	.1060
%RSD	19.25	35.73	19.42
#1	.4020	.0739	.6585
#2	.4862	.1216	.5305
#3	.5916	.0638	.4482
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6124.3**	**126430.**	**16017.**
Stddev	16.7	83.	68.
%RSD	.27342	.06582	.42224
#1	6143.4	126340.	16014.
#2	6112.2	126510.	16086.
#3	6117.2	126440.	15950.

Sample Name: 460-10920-b-12-c ms@ Acquired: 3/5/2010 20:05:38 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**75520.**	**930.8**	**25.28**	**1205.**	**25.12**	**12130.**
Stddev	203.	6.9	.20	9.	.02	42.
%RSD	.2688	.7387	.7833	.7587	.0751	.3442
#1	75350.	933.0	25.07	1208.	25.11	12100.
#2	75450.	936.4	25.46	1213.	25.15	12130.
#3	75740.	923.1	25.32	1195.	25.12	12180.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**24.11**	**274.8**	**172.9**	**169.7**	**102900.**	**13710.**
Stddev	.19	2.3	.4	3.5	540.	82.
%RSD	.7671	.8305	.2329	2.083	.5248	.5970
#1	24.16	275.5	173.3	167.6	103100.	13650.
#2	24.27	276.6	172.5	173.7	103400.	13680.
#3	23.91	272.2	173.0	167.6	102300.	13800.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-12-c ms@ Acquired: 3/5/2010 20:05:38 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**26340.**	**1949.**	**9834.**	**306.0**	**278.2**	**130.9**
Stddev	156.	3.	35.	2.4	1.6	1.2
%RSD	.5937	.1356	.3513	.7876	.5648	.9335
#1	26400.	1947.	9804.	306.9	279.0	130.8
#2	26460.	1947.	9826.	307.7	279.2	132.2
#3	26160.	1952.	9872.	303.2	276.4	129.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**919.2**	**1011.**	**352.7**	**463.2**	**229.7**	**236.5**
Stddev	6.2	7.	.4	3.4	1.6	1.8
%RSD	.6793	.6442	.1073	.7434	.6922	.7790
#1	922.5	1013.	352.6	463.9	230.1	237.1
#2	923.2	1016.	353.2	466.2	231.0	238.0
#3	912.0	1004.	352.4	459.4	227.9	234.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-12-c ms@ Acquired: 3/5/2010 20:05:38 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**224.2**	**263.3**	**1692.**
Stddev	2.3	.8	9.
%RSD	1.028	.3130	.5528
#1	225.4	262.5	1695.
#2	225.7	263.5	1700.
#3	221.5	264.1	1682.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6216.6**	**126490.**	**16431.**
Stddev	32.7	120.	78.
%RSD	.52535	.09465	.47641
#1	6210.6	126470.	16495.
#2	6187.3	126620.	16455.
#3	6251.8	126390.	16344.

Sample Name: 460-10920-b-1-a@4 Acquired: 3/5/2010 20:12:08 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**76200.**	**20.11**	**2.642**	**294.6**	**1.810**	**5147.**
Stddev	231.	.71	.047	2.4	.028	21.
%RSD	.3035	3.536	1.788	.8092	1.542	.4152
#1	76450.	20.34	2.676	292.4	1.802	5165.
#2	76150.	20.68	2.588	294.4	1.841	5123.
#3	75990.	19.31	2.662	297.2	1.788	5152.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.9982**	**39.03**	**84.13**	**71.67**	**102900.**	**4839.**
Stddev	.0354	.41	.11	3.63	457.	25.
%RSD	3.548	1.044	.1311	5.071	.4440	.5088
#1	.9695	38.67	84.21	68.91	102400.	4860.
#2	1.038	38.95	84.17	70.31	103000.	4844.
#3	.9875	39.47	84.00	75.79	103300.	4812.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-1-a@4 Acquired: 3/5/2010 20:12:08 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18130.**	**1847.**	**302.3**	**76.63**	**83.36**	**.1410**
Stddev	82.	3.	3.6	.64	.34	.9890
%RSD	.4504	.1582	1.203	.8329	.4046	701.4
#1	18040.	1848.	302.6	75.99	83.58	1.246
#2	18150.	1844.	298.6	76.65	83.52	-.6612
#3	18200.	1849.	305.8	77.26	82.97	-.1618
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.7563**	**3.994**	**122.4**	**241.3**	**15.59**	**1.673**
Stddev	.9440	.761	.3	1.3	.13	.047
%RSD	124.8	19.07	.2444	.5394	.8141	2.824
#1	.1108	4.596	122.7	240.1	15.45	1.674
#2	1.840	3.138	122.1	241.2	15.67	1.720
#3	.3184	4.247	122.3	242.7	15.67	1.626
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-1-a@4 Acquired: 3/5/2010 20:12:08 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.6070**	**76.23**	**1947.**
Stddev	.2110	.28	7.
%RSD	34.76	.3647	.3589
#1	-.5847	76.46	1940.
#2	-.4080	76.30	1948.
#3	-.8283	75.92	1954.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6426.5**	**130970.**	**17035.**
Stddev	19.7	196.	54.
%RSD	.30594	.14986	.31695
#1	6446.3	130790.	17053.
#2	6426.0	131180.	16975.
#3	6407.0	130950.	17078.

Sample Name: 460-10920-b-2-a@4 Acquired: 3/5/2010 20:18:40 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**68130.**	**17.55**	**1.801**	**273.6**	**1.858**	**5451.**
Stddev	267.	.57	.296	1.8	.014	9.
%RSD	.3915	3.272	16.43	.6403	.7576	.1678
#1	68080.	17.79	1.496	275.6	1.842	5452.
#2	68420.	17.96	2.087	272.2	1.868	5459.
#3	67890.	16.89	1.819	273.2	1.865	5441.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.7321**	**33.73**	**72.02**	**51.89**	**78790.**	**3748.**
Stddev	.0574	.32	.41	1.24	306.	18.
%RSD	7.839	.9389	.5716	2.391	.3879	.4715
#1	.7880	34.09	71.68	52.74	78450.	3728.
#2	.6733	33.60	72.48	52.46	78890.	3752.
#3	.7349	33.49	71.90	50.47	79030.	3763.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-2-a@4 Acquired: 3/5/2010 20:18:40 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**15100.**	**1252.**	**497.7**	**63.06**	**60.77**	**-.3407**
Stddev	38.	1.	2.6	.52	1.42	.7673
%RSD	.2541	.0856	.5217	.8286	2.335	225.2
#1	15060.	1251.	498.4	63.66	62.30	.1089
#2	15110.	1254.	499.8	62.85	60.50	.0956
#3	15130.	1252.	494.8	62.68	59.50	-1.227
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.739**	**1.363**	**103.0**	**218.0**	**16.51**	**1.275**
Stddev	.479	.581	.2	1.5	.27	.093
%RSD	27.55	42.58	.1607	.7068	1.625	7.273
#1	1.313	1.057	102.8	219.8	16.29	1.381
#2	2.257	.9999	103.2	217.3	16.43	1.230
#3	1.646	2.033	103.0	217.0	16.81	1.213
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-2-a@4 Acquired: 3/5/2010 20:18:40 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.442**	**110.4**	**1163.**
Stddev	.086	.4	3.
%RSD	5.955	.3435	.2855
#1	1.424	110.1	1159.
#2	1.536	110.8	1163.
#3	1.367	110.2	1166.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6457.8**	**129630.**	**17076.**
Stddev	28.2	242.	54.
%RSD	.43719	.18667	.31691
#1	6481.4	129550.	17110.
#2	6465.5	129900.	17013.
#3	6426.6	129430.	17104.

Sample Name: 460-10920-b-3-a@4 Acquired: 3/5/2010 20:25:13 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**80870.**	**21.57**	**2.797**	**260.0**	**1.731**	**4529.**
Stddev	367.	.67	.155	3.4	.016	25.
%RSD	.4543	3.102	5.525	1.314	.8932	.5541
#1	80630.	22.30	2.957	263.4	1.722	4535.
#2	80680.	21.40	2.648	260.2	1.749	4502.
#3	81290.	20.99	2.787	256.6	1.722	4551.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.9735**	**36.11**	**91.93**	**77.71**	**109100.**	**5520.**
Stddev	.0498	.65	.54	.70	1149.	37.
%RSD	5.120	1.802	.5845	.8978	1.053	.6705
#1	.9855	36.65	91.53	76.90	110300.	5480.
#2	1.016	36.29	91.72	78.12	109200.	5528.
#3	.9188	35.39	92.54	78.10	108000.	5553.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-3-a@4 Acquired: 3/5/2010 20:25:13 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18300.**	**1833.**	**339.6**	**74.44**	**50.98**	**-.0168**
Stddev	205.	11.	3.8	1.11	.42	.8447
%RSD	1.120	.5835	1.123	1.491	.8306	5026.
#1	18490.	1826.	342.3	75.36	50.67	-.4325
#2	18330.	1829.	341.4	74.76	51.46	.9552
#3	18080.	1846.	335.3	73.21	50.81	-.5731
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.216**	**2.540**	**133.2**	**238.8**	**17.49**	**1.086**
Stddev	.427	.901	.9	3.1	.15	.073
%RSD	35.08	35.49	.6951	1.287	.8687	6.752
#1	1.048	2.691	133.7	241.5	17.58	1.068
#2	.8995	1.572	132.2	239.4	17.58	1.167
#3	1.701	3.356	133.8	235.5	17.32	1.024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-3-a@4 Acquired: 3/5/2010 20:25:13 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.3605**	**45.30**	**1785.**
Stddev	.3223	.33	20.
%RSD	89.40	.7369	1.117
#1	-.2156	45.17	1804.
#2	-.7298	45.05	1787.
#3	-.1361	45.68	1764.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6315.3**	**127770.**	**16524.**
Stddev	77.6	254.	80.
%RSD	1.2287	.19841	.48494
#1	6246.7	127960.	16560.
#2	6299.8	127880.	16581.
#3	6399.5	127480.	16433.

Sample Name: 460-10920-b-4-a@4 Acquired: 3/5/2010 20:31:45 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**75910.**	**21.24**	**2.956**	**332.4**	**2.167**	**4290.**
Stddev	26.	.71	.382	1.9	.036	7.
%RSD	.0345	3.339	12.91	.5736	1.685	.1594
#1	75900.	22.01	2.600	330.4	2.169	4297.
#2	75880.	20.62	3.359	334.2	2.203	4289.
#3	75940.	21.08	2.911	332.5	2.130	4284.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.027**	**88.23**	**79.36**	**65.14**	**106100.**	**4358.**
Stddev	.045	.27	.14	1.72	611.	10.
%RSD	4.390	.3046	.1775	2.637	.5755	.2365
#1	1.050	87.93	79.47	63.21	105400.	4351.
#2	1.056	88.45	79.20	66.52	106400.	4354.
#3	.9749	88.31	79.42	65.68	106500.	4370.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-4-a@4 Acquired: 3/5/2010 20:31:45 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**16500.**	**3547.**	**443.1**	**73.02**	**52.44**	**-1.098**
Stddev	79.	46.	12.0	.41	.47	1.070
%RSD	.4804	1.285	2.700	.5579	.8892	97.44
#1	16410.	3597.	432.6	72.58	52.37	.1081
#2	16530.	3536.	456.1	73.38	52.94	-1.469
#3	16560.	3508.	440.7	73.09	52.02	-1.933
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.7618**	**-.5878**	**115.8**	**254.0**	**15.73**	**1.281**
Stddev	.9152	.2300	.3	1.1	.09	.067
%RSD	120.1	39.13	.2444	.4185	.5933	5.214
#1	-.0193	-.8426	115.8	253.1	15.83	1.229
#2	.5359	-.5254	115.6	255.2	15.68	1.356
#3	1.769	-.3955	116.1	253.7	15.67	1.257
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-4-a@4 Acquired: 3/5/2010 20:31:45 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	.6529	89.20	1366.
Stddev	.1523	.10	8.
%RSD	23.33	.1135	.5840
#1	.8284	89.32	1357.
#2	.5547	89.12	1371.
#3	.5758	89.17	1369.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6528.2	132370.	17241.
Stddev	16.1	489.	68.
%RSD	.24675	.36921	.39470
#1	6539.7	131810.	17196.
#2	6509.8	132590.	17319.
#3	6535.1	132720.	17207.

Sample Name: 460-10920-b-5-a@4 Acquired: 3/5/2010 20:38:26 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**79060.**	**26.51**	**2.808**	**370.4**	**2.368**	**7639.**
Stddev	72.	.79	.262	1.4	.043	7.
%RSD	.0916	2.995	9.342	.3728	1.803	.0926
#1	79000.	27.06	3.012	371.9	2.326	7632.
#2	79140.	25.60	2.512	370.1	2.411	7646.
#3	79050.	26.87	2.899	369.1	2.368	7639.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.078**	**43.29**	**81.14**	**62.73**	**96930.**	**4695.**
Stddev	.015	.08	.14	3.10	13.	30.
%RSD	1.342	.1744	.1741	4.939	.0130	.6446
#1	1.063	43.37	81.29	59.16	96940.	4687.
#2	1.079	43.22	81.01	64.30	96920.	4729.
#3	1.092	43.29	81.12	64.73	96930.	4670.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-5-a@4 Acquired: 3/5/2010 20:38:26 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**15710.**	**2996.**	**602.8**	**71.03**	**89.42**	**-.1489**
Stddev	22.	8.	4.7	.42	.23	.7159
%RSD	.1420	.2624	.7794	.5858	.2575	480.8
#1	15730.	2987.	603.6	71.39	89.30	-.2334
#2	15700.	3001.	607.1	71.11	89.68	-.8188
#3	15690.	3001.	597.8	70.57	89.27	.6055
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.464**	**.8722**	**123.4**	**260.6**	**18.31**	**1.328**
Stddev	.371	.3308	.4	.9	.06	.157
%RSD	15.07	37.93	.2884	.3279	.3154	11.85
#1	2.056	1.158	123.1	261.6	18.25	1.171
#2	2.555	.5100	123.5	260.3	18.32	1.485
#3	2.781	.9483	123.8	259.9	18.37	1.328
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-5-a@4 Acquired: 3/5/2010 20:38:26 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.218**	**153.5**	**1394.**
Stddev	.153	.5	1.
%RSD	12.54	.2937	.1048
#1	1.302	153.0	1395.
#2	1.042	153.6	1394.
#3	1.310	153.8	1392.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6484.9**	**129960.**	**17133.**
Stddev	2.4	163.	37.
%RSD	.03742	.12567	.21472
#1	6484.1	129970.	17175.
#2	6487.7	130130.	17114.
#3	6483.0	129800.	17109.

Sample Name: 460-10920-b-6-a@4 Acquired: 3/5/2010 20:45:08 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**85300.**	**18.00**	**3.188**	**710.5**	**.6467**	**16450.**
Stddev	123.	1.50	.239	5.6	.0180	39.
%RSD	.1443	8.326	7.484	.7828	2.790	.2369
#1	85440.	16.80	3.291	704.4	.6336	16490.
#2	85260.	17.51	2.915	711.9	.6673	16430.
#3	85200.	19.68	3.358	715.3	.6392	16420.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.769**	**69.47**	**156.8**	**105.4**	**139600.**	**28400.**
Stddev	.041	.20	.7	1.4	760.	27.
%RSD	2.329	.2904	.4510	1.319	.5441	.0948
#1	1.723	69.33	156.2	105.0	138900.	28420.
#2	1.803	69.38	156.6	104.2	139600.	28400.
#3	1.781	69.70	157.6	106.9	140400.	28370.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-6-a@4 Acquired: 3/5/2010 20:45:08 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**32010.**	**2098.**	**967.6**	**113.9**	**74.92**	**.4205**
Stddev	140.	9.	7.2	.3	1.00	.6956
%RSD	.4366	.4470	.7437	.2439	1.337	165.4
#1	31880.	2094.	962.8	114.1	74.83	.8472
#2	32000.	2092.	975.9	113.6	73.97	.7963
#3	32150.	2109.	964.2	114.1	75.96	-.3822
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.831**	**13.92**	**189.9**	**360.7**	**14.99**	**.9597**
Stddev	1.467	.46	1.2	1.6	.25	.0384
%RSD	80.13	3.305	.6108	.4526	1.659	4.003
#1	2.114	13.82	189.9	359.0	14.84	.9215
#2	3.137	13.52	188.8	360.7	15.28	.9594
#3	.2430	14.42	191.1	362.3	14.86	.9983
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-6-a@4 Acquired: 3/5/2010 20:45:08 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-12.83**	**126.4**	**7322.**
Stddev	.24	.1	50.
%RSD	1.858	.1043	.6819
#1	-13.10	126.4	7265.
#2	-12.66	126.5	7351.
#3	-12.73	126.2	7351.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6278.4**	**129110.**	**16689.**
Stddev	22.3	316.	54.
%RSD	.35449	.24460	.32181
#1	6299.2	129090.	16675.
#2	6281.1	129440.	16749.
#3	6254.9	128810.	16644.

Sample Name: 460-10920-b-7-a@4 Acquired: 3/5/2010 20:51:50 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**105600.**	**4.660**	**1.794**	**903.7**	**-.4579**	**30680.**
Stddev	186.	1.176	.469	1.9	.0473	40.
%RSD	.1759	25.23	26.13	.2123	10.34	.1304
#1	105700.	3.739	1.947	902.4	-.4541	30690.
#2	105600.	5.985	1.268	902.8	-.5069	30710.
#3	105400.	4.257	2.168	905.9	-.4125	30630.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.148**	**97.14**	**183.0**	**209.5**	**160400.**	**55250.**
Stddev	.124	.37	1.2	2.1	318.	126.
%RSD	5.778	.3776	.6658	1.010	.1984	.2285
#1	2.004	97.53	183.6	211.8	160800.	55380.
#2	2.215	96.80	183.7	207.6	160100.	55240.
#3	2.223	97.09	181.6	209.1	160400.	55130.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-7-a@4 Acquired: 3/5/2010 20:51:50 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**56770.**	**1203.**	**1725.**	**156.7**	**46.14**	**1.512**
Stddev	108.	3.	4.	.2	.63	.823
%RSD	.1904	.2884	.2544	.0997	1.366	54.43
#1	56890.	1207.	1730.	156.8	45.87	2.405
#2	56680.	1201.	1723.	156.5	46.86	1.350
#3	56730.	1200.	1722.	156.8	45.68	.7827
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2863**	**26.36**	**296.5**	**449.3**	**16.70**	**.1827**
Stddev	1.082	.34	1.4	.8	.32	.0089
%RSD	378.0	1.290	.4564	.1865	1.887	4.881
#1	.7051	26.70	297.8	448.9	16.36	.1837
#2	-.9428	26.02	296.7	448.8	16.99	.1734
#3	1.096	26.36	295.1	450.3	16.75	.1911
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-7-a@4 Acquired: 3/5/2010 20:51:50 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-23.45**	**101.0**	**12110.**
Stddev	.28	.1	36.
%RSD	1.190	.0878	.2996
#1	-23.53	101.1	12150.
#2	-23.68	101.0	12090.
#3	-23.14	101.0	12090.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6203.7**	**124780.**	**16526.**
Stddev	11.7	123.	44.
%RSD	.18908	.09828	.26398
#1	6214.2	124860.	16492.
#2	6205.7	124640.	16511.
#3	6191.1	124840.	16575.

Sample Name: 460-10920-b-8-a@4 Acquired: 3/5/2010 20:58:31 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**82450.**	**45.23**	**2.293**	**628.6**	**.4412**	**20940.**
Stddev	200.	.56	.306	.7	.0106	62.
%RSD	.2420	1.243	13.36	.1169	2.399	.2951
#1	82310.	45.45	2.591	629.2	.4466	20920.
#2	82360.	44.59	2.309	627.8	.4290	20890.
#3	82680.	45.64	1.979	628.8	.4481	21010.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.894**	**58.23**	**145.4**	**92.72**	**124500.**	**21900.**
Stddev	.092	.07	.3	1.24	552.	43.
%RSD	4.877	.1177	.1901	1.336	.4438	.1982
#1	1.869	58.18	145.3	91.97	124200.	21860.
#2	1.997	58.31	145.2	94.15	124100.	21890.
#3	1.818	58.20	145.7	92.05	125100.	21940.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-8-a@4 Acquired: 3/5/2010 20:58:31 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**29590.**	**1811.**	**847.0**	**99.23**	**127.5**	**1.441**
Stddev	78.	5.	8.6	.30	.3	1.527
%RSD	.2648	.2601	1.012	.3012	.2729	106.0
#1	29580.	1806.	841.0	99.43	127.6	2.999
#2	29520.	1809.	843.1	99.38	127.1	-.0517
#3	29670.	1816.	856.8	98.89	127.8	1.374
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.754**	**14.09**	**182.3**	**295.0**	**14.53**	**.6815**
Stddev	.513	.45	.3	.4	.51	.1197
%RSD	29.25	3.212	.1398	.1507	3.516	17.56
#1	1.796	14.52	182.0	295.2	14.43	.5435
#2	1.221	14.14	182.4	294.5	14.08	.7435
#3	2.245	13.62	182.5	295.4	15.09	.7574
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-8-a@4 Acquired: 3/5/2010 20:58:31 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-12.45**	**164.9**	**7247.**
Stddev	.18	.5	41.
%RSD	1.415	.3076	.5595
#1	-12.61	164.6	7206.
#2	-12.26	164.7	7248.
#3	-12.47	165.5	7287.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6294.9**	**126670.**	**16774.**
Stddev	13.4	227.	105.
%RSD	.21363	.17917	.62546
#1	6307.3	126790.	16889.
#2	6296.8	126410.	16749.
#3	6280.6	126810.	16684.

Sample Name: 460-10920-b-9-a@4 Acquired: 3/5/2010 21:05:13 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**74470.**	**27.49**	**1.857**	**541.2**	**.6163**	**49650.**
Stddev	137.	.65	.124	5.1	.0294	39.
%RSD	.1835	2.363	6.672	.9477	4.763	.0791
#1	74490.	28.24	1.936	535.3	.6357	49610.
#2	74320.	27.21	1.921	544.8	.5825	49660.
#3	74590.	27.04	1.714	543.3	.6307	49680.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.361**	**46.78**	**131.7**	**71.23**	**112900.**	**18350.**
Stddev	.085	.68	.1	.47	964.	46.
%RSD	6.209	1.448	.0898	.6633	.8538	.2522
#1	1.268	46.01	131.8	71.76	111800.	18350.
#2	1.383	47.29	131.6	71.06	113700.	18300.
#3	1.433	47.03	131.7	70.87	113200.	18390.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-9-a@4 Acquired: 3/5/2010 21:05:13 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**42250.**	**1718.**	**534.2**	**84.80**	**68.00**	**.2974**
Stddev	329.	4.	9.8	.77	1.19	.5882
%RSD	.7796	.2331	1.835	.9116	1.743	197.8
#1	41910.	1716.	523.2	83.91	66.68	.4765
#2	42560.	1723.	537.7	85.24	68.33	-.3595
#3	42280.	1716.	541.8	85.25	68.98	.7753
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.170**	**12.03**	**170.1**	**217.6**	**9.339**	**-.0045**
Stddev	.517	1.10	.6	2.3	.243	.0879
%RSD	44.24	9.159	.3310	1.063	2.606	1958.
#1	-.9920	11.91	169.7	215.0	9.571	.0393
#2	-.7645	13.19	170.7	219.0	9.360	.0529
#3	-1.753	11.00	169.9	218.9	9.085	-.1057
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-9-a@4 Acquired: 3/5/2010 21:05:13 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-9.135**	**105.6**	**6137.**
Stddev	.105	.0	27.
%RSD	1.151	.0299	.4354
#1	-9.184	105.5	6108.
#2	-9.206	105.6	6160.
#3	-9.014	105.6	6143.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6392.0**	**127710.**	**16743.**
Stddev	42.8	93.	7.
%RSD	.66948	.07246	.04130
#1	6440.8	127650.	16749.
#2	6360.8	127650.	16745.
#3	6374.5	127810.	16735.

Sample Name: CCV Acquired: 3/5/2010 21:11:55 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**124100.**	**2514.**	**1246.**	**10210.**	**1021.**	**123200.**
Stddev	552.	25.	8.	105.	5.	629.
%RSD	.4448	1.001	.6633	1.032	.4744	.5109
#1	124000.	2531.	1241.	10290.	1019.	123100.
#2	124700.	2525.	1241.	10260.	1027.	123800.
#3	123600.	2485.	1255.	10090.	1018.	122600.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1258.**	**2497.**	**5119.**	**12620.**	**99320.**	**48670.**
Stddev	14.	31.	26.	45.	361.	259.
%RSD	1.075	1.235	.5172	.3589	.3638	.5327
#1	1267.	2521.	5101.	12600.	99540.	48670.
#2	1264.	2508.	5106.	12680.	99510.	48920.
#3	1242.	2462.	5149.	12600.	98900.	48410.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/5/2010 21:11:55 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**125500.**	**5095.**	**124600.**	**2509.**	**7548.**	**1008.**
Stddev	1248.	56.	615.	29.	82.	12.
%RSD	.9941	1.092	.4935	1.168	1.088	1.191
#1	126000.	5042.	124500.	2531.	7607.	1016.
#2	126500.	5091.	125300.	2521.	7582.	1013.
#3	124100.	5153.	124100.	2476.	7454.	993.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2518.**	**2541.**	**2514.**	**2518.**	**1010.**	**2443.**
Stddev	30.	24.	19.	29.	10.	26.
%RSD	1.188	.9309	.7503	1.136	1.033	1.076
#1	2537.	2559.	2500.	2538.	1018.	2462.
#2	2533.	2549.	2506.	2531.	1014.	2455.
#3	2483.	2514.	2536.	2486.	998.4	2413.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/5/2010 21:11:55 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**978.0**	**4973.**	**10010.**
Stddev	12.3	149.	50.
%RSD	1.259	2.994	.5038
#1	987.9	5020.	10030.
#2	981.9	5093.	10050.
#3	964.2	4806.	9952.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5815.0**	**117110.**	**15941.**
Stddev	39.9	473.	76.
%RSD	.68544	.40365	.47954
#1	5789.7	117470.	15888.
#2	5794.3	117290.	15907.
#3	5860.9	116570.	16029.

Sample Name: CCB Acquired: 3/5/2010 21:19:02 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5.613**	**.5852**	**-.0002**	**.7937**	**-.0005**	**4.712**
Stddev	4.699	.5906	.5221	.7074	.0127	8.729
%RSD	83.71	100.9	230500.	89.12	2378.	185.2
#1	10.10	1.062	.4920	.3882	-.0102	14.73
#2	.7246	-.0756	-.5478	.3825	-.0053	-1.278
#3	6.019	.7692	.0551	1.611	.0139	.6867
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0744**	**.1491**	**.0664**	**.3315**	**2.566**	**12.66**
Stddev	.0750	.2325	.1358	.5183	2.155	14.59
%RSD	100.8	155.9	204.3	156.4	83.98	115.2
#1	.0480	.0080	.1519	-.0137	3.554	24.00
#2	.0161	.0219	-.0901	.9275	4.049	17.79
#3	.1590	.4175	.1375	.0806	.0941	-3.797
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/5/2010 21:19:02 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.749**	**.3775**	**32.50**	**.0525**	**1.220**	**.4455**
Stddev	1.561	.0075	9.51	.2372	.672	.5223
%RSD	41.64	1.975	29.27	451.8	55.07	117.2
#1	3.624	.3816	36.85	-.2126	.9283	.4586
#2	5.370	.3689	39.06	.1254	.7433	.9611
#3	2.255	.3819	21.59	.2448	1.988	-.0833
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.3034**	**2.205**	**.2783**	**.2890**	**1.827**	**1.311**
Stddev	.9714	.428	.2146	.1780	.462	.223
%RSD	320.2	19.40	77.10	61.60	25.26	17.01
#1	.2993	2.075	.4596	.1026	2.100	1.568
#2	.2146	2.682	.3339	.3071	1.294	1.190
#3	-1.424	1.857	.0414	.4573	2.088	1.174
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/5/2010 21:19:02 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3039**	**.3128**	**1.102**
Stddev	.2853	.0702	.135
%RSD	93.86	22.43	12.29
#1	.2387	.2469	1.221
#2	.6162	.3049	1.130
#3	.0569	.3866	.9548
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6085.5**	**126150.**	**15902.**
Stddev	27.7	548.	33.
%RSD	.45467	.43458	.20852
#1	6116.0	126270.	15920.
#2	6061.9	126620.	15922.
#3	6078.6	125550.	15864.

Sample Name: 460-10920-b-10-a@4 Acquired: 3/5/2010 21:25:40 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**119100.**	**4.768**	**1.711**	**1189.**	**-.9907**	**7851.**
Stddev	3146.	.996	.227	15.	.1825	195.
%RSD	2.641	20.89	13.27	1.222	18.42	2.479
#1	120700.	3.630	1.621	1193.	-1.045	7946.
#2	121200.	5.195	1.542	1174.	-1.140	7979.
#3	115500.	5.480	1.969	1202.	-.7872	7627.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.141**	**123.1**	**217.4**	**265.7**	**177200.**	**70970.**
Stddev	.084	1.6	.7	5.0	1323.	1634.
%RSD	3.905	1.337	.3299	1.874	.7469	2.303
#1	2.161	123.8	218.1	266.8	177700.	71720.
#2	2.049	121.2	217.3	270.0	175700.	72110.
#3	2.212	124.2	216.7	260.2	178100.	69100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-10-a@4 Acquired: 3/5/2010 21:25:40 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**52700.**	**1745.**	**1140.**	**174.5**	**33.50**	**2.926**
Stddev	450.	11.	34.	2.4	.29	.833
%RSD	.8534	.6378	3.008	1.399	.8633	28.47
#1	53010.	1756.	1156.	175.6	33.32	3.145
#2	52180.	1744.	1164.	171.7	33.83	2.005
#3	52910.	1734.	1101.	176.3	33.34	3.627
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.226**	**31.93**	**305.3**	**496.6**	**15.51**	**3.493**
Stddev	.992	.35	1.7	6.1	.26	.201
%RSD	80.91	1.098	.5628	1.225	1.675	5.750
#1	.2182	31.93	306.9	498.4	15.79	3.491
#2	2.202	32.28	305.5	489.9	15.27	3.695
#3	1.259	31.58	303.5	501.6	15.46	3.293
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-10-a@4 Acquired: 3/5/2010 21:25:40 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-28.38**	**22.16**	**14360.**
Stddev	.14	.65	158.
%RSD	.5020	2.933	1.100
#1	-28.54	22.54	14330.
#2	-28.28	22.53	14220.
#3	-28.32	21.41	14530.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6197.1**	**123600.**	**16217.**
Stddev	51.1	437.	254.
%RSD	.82439	.35365	1.5640
#1	6176.8	123140.	16154.
#2	6255.2	123630.	16002.
#3	6159.3	124010.	16497.

Sample Name: 460-10920-b-11-a@4 Acquired: 3/5/2010 21:32:22 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**63850.**	**27.68**	**3.118**	**198.2**	**1.303**	**3035.**
Stddev	192.	.43	.285	5.9	.026	25.
%RSD	.3011	1.545	9.142	2.984	2.032	.8102
#1	63640.	28.14	3.447	201.7	1.299	3024.
#2	64020.	27.30	2.973	201.5	1.279	3063.
#3	63900.	27.58	2.935	191.3	1.331	3018.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.160**	**38.79**	**78.69**	**61.91**	**109500.**	**4182.**
Stddev	.094	.91	.52	.90	1892.	33.
%RSD	8.102	2.333	.6589	1.451	1.727	.7824
#1	1.204	39.33	78.09	62.95	110700.	4166.
#2	1.224	39.30	78.97	61.38	110500.	4161.
#3	1.052	37.75	79.01	61.41	107400.	4220.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-11-a@4 Acquired: 3/5/2010 21:32:22 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18720.**	**1451.**	**268.9**	**69.99**	**37.60**	**-.8275**
Stddev	332.	4.	5.0	1.97	1.18	.6701
%RSD	1.771	.2665	1.867	2.814	3.128	80.98
#1	18920.	1447.	267.8	71.40	38.45	-.1997
#2	18900.	1454.	274.4	70.83	38.10	-.7497
#3	18340.	1451.	264.6	67.74	36.26	-1.533
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.8229**	**2.289**	**112.1**	**197.7**	**12.66**	**1.117**
Stddev	.5266	.423	.3	5.0	.37	.021
%RSD	63.99	18.50	.2485	2.531	2.890	1.890
#1	.2261	2.238	112.0	200.9	12.47	1.136
#2	1.021	1.893	112.0	200.2	13.09	1.094
#3	1.222	2.735	112.5	191.9	12.44	1.122
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-11-a@4 Acquired: 3/5/2010 21:32:22 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-1.185**	**25.59**	**2029.**
Stddev	.225	.07	36.
%RSD	18.98	.2761	1.754
#1	-1.238	25.66	2049.
#2	-.9380	25.58	2050.
#3	-1.378	25.52	1988.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6302.0**	**126590.**	**16553.**
Stddev	106.2	494.	60.
%RSD	1.6852	.38993	.36094
#1	6243.4	127160.	16592.
#2	6238.0	126240.	16484.
#3	6424.6	126380.	16583.

Sample Name: 460-10920-b-13-a@4 Acquired: 3/5/2010 21:38:56 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**58010.**	**20.66**	**2.477**	**150.7**	**1.219**	**4627.**
Stddev	103.	.14	.391	.8	.033	8.
%RSD	.1780	.6911	15.79	.5206	2.699	.1803
#1	58100.	20.75	2.835	151.4	1.194	4634.
#2	58020.	20.50	2.538	150.9	1.257	4630.
#3	57890.	20.73	2.059	149.9	1.207	4618.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.9426**	**39.42**	**65.34**	**74.04**	**88710.**	**4782.**
Stddev	.0309	.26	.55	2.10	104.	18.
%RSD	3.279	.6516	.8405	2.834	.1174	.3700
#1	.9697	39.69	65.96	72.15	88820.	4802.
#2	.9089	39.38	65.16	76.30	88720.	4769.
#3	.9491	39.18	64.91	73.68	88610.	4776.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-13-a@4 Acquired: 3/5/2010 21:38:56 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**17280.**	**1526.**	**272.1**	**69.87**	**34.50**	**-.6221**
Stddev	50.	7.	7.3	.47	.61	.4470
%RSD	.2909	.4538	2.684	.6667	1.773	71.85
#1	17330.	1531.	277.0	70.40	34.57	-.3215
#2	17260.	1528.	275.6	69.70	33.85	-.4090
#3	17240.	1518.	263.7	69.52	35.07	-1.136
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.5072**	**2.569**	**96.04**	**208.1**	**10.71**	**1.013**
Stddev	1.196	.952	.31	.7	.55	.060
%RSD	235.7	37.06	.3236	.3394	5.133	5.947
#1	.6399	1.825	96.30	208.9	11.34	1.029
#2	-1.746	3.642	96.12	207.8	10.40	.9462
#3	-.4153	2.241	95.69	207.6	10.38	1.063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-13-a@4 Acquired: 3/5/2010 21:38:56 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-1.357**	**29.63**	**1959.**
Stddev	.363	.10	4.
%RSD	26.72	.3255	.1958
#1	-1.544	29.74	1963.
#2	-.9393	29.57	1959.
#3	-1.589	29.59	1956.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6368.9**	**128860.**	**16745.**
Stddev	9.2	378.	55.
%RSD	.14480	.29367	.32706
#1	6368.2	128500.	16719.
#2	6378.5	128840.	16808.
#3	6360.1	129250.	16708.

Sample Name: 460-10920-b-14-a@4 Acquired: 3/5/2010 21:45:29 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**62800.**	**24.91**	**3.790**	**398.5**	**2.572**	**6199.**
Stddev	286.	1.50	.450	1.8	.069	45.
%RSD	.4548	6.019	11.86	.4609	2.669	.7190
#1	62980.	26.45	4.304	398.1	2.621	6239.
#2	62950.	24.80	3.590	400.4	2.602	6207.
#3	62470.	23.46	3.474	396.8	2.494	6151.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.517**	**46.83**	**76.47**	**77.92**	**120100.**	**5263.**
Stddev	.048	.26	.38	1.29	481.	40.
%RSD	3.153	.5501	.4980	1.658	.4005	.7682
#1	1.514	46.64	76.90	76.86	120200.	5271.
#2	1.566	47.12	76.32	77.54	120500.	5300.
#3	1.470	46.73	76.18	79.36	119600.	5220.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-14-a@4 Acquired: 3/5/2010 21:45:29 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19280.**	**3694.**	**215.2**	**93.04**	**103.3**	**-1.240**
Stddev	74.	21.	6.3	.52	1.2	.718
%RSD	.3851	.5699	2.919	.5575	1.119	57.90
#1	19300.	3707.	221.0	92.76	103.4	-1.949
#2	19330.	3704.	216.0	93.64	104.4	-1.258
#3	19190.	3669.	208.5	92.73	102.1	-.5133
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.928**	**-1.878**	**126.9**	**291.1**	**13.59**	**1.617**
Stddev	1.280	.387	.3	1.5	.10	.061
%RSD	66.42	20.62	.2139	.5026	.7574	3.756
#1	.4871	-1.592	126.6	291.0	13.65	1.679
#2	2.360	-1.722	126.8	292.6	13.47	1.613
#3	2.936	-2.318	127.2	289.7	13.65	1.558
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-14-a@4 Acquired: 3/5/2010 21:45:29 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.990**	**46.60**	**788.8**
Stddev	.153	.26	3.5
%RSD	7.677	.5501	.4432
#1	2.083	46.83	789.8
#2	2.074	46.64	791.6
#3	1.814	46.32	784.9
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6538.7**	**131140.**	**16915.**
Stddev	30.4	189.	44.
%RSD	.46437	.14383	.25928
#1	6535.5	130920.	16948.
#2	6510.0	131220.	16865.
#3	6570.5	131270.	16933.

Sample Name: 460-10920-b-15-a@4 Acquired: 3/5/2010 21:52:11 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**62630.**	**23.05**	**4.058**	**407.3**	**2.539**	**5844.**
Stddev	208.	1.16	.562	2.1	.049	23.
%RSD	.3324	5.025	13.84	.5182	1.926	.3894
#1	62750.	21.77	4.113	405.3	2.501	5860.
#2	62750.	23.36	3.471	407.0	2.594	5853.
#3	62390.	24.02	4.591	409.5	2.521	5818.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.529**	**45.80**	**77.10**	**79.47**	**121600.**	**5731.**
Stddev	.054	.26	1.47	.67	99.	36.
%RSD	3.558	.5567	1.906	.8412	.0816	.6344
#1	1.468	45.74	78.03	78.87	121500.	5771.
#2	1.549	45.58	77.86	79.35	121500.	5721.
#3	1.572	46.08	75.40	80.19	121700.	5700.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-15-a@4 Acquired: 3/5/2010 21:52:11 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**20740.**	**3638.**	**286.8**	**99.88**	**80.86**	**-.6078**
Stddev	3.	63.	6.1	.75	.14	.4218
%RSD	.0132	1.744	2.114	.7481	.1723	69.39
#1	20750.	3656.	284.6	99.33	80.97	-.4029
#2	20740.	3690.	293.7	99.59	80.71	-.3276
#3	20740.	3567.	282.2	100.7	80.91	-1.093
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3686**	**-2.012**	**128.7**	**282.7**	**15.12**	**1.466**
Stddev	1.708	.541	2.6	1.3	.41	.152
%RSD	463.3	26.88	1.988	.4574	2.731	10.38
#1	1.774	-1.445	130.4	281.7	14.65	1.291
#2	-1.532	-2.522	130.0	282.2	15.41	1.571
#3	.8635	-2.068	125.8	284.1	15.31	1.536
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-15-a@4 Acquired: 3/5/2010 21:52:11 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.806**	**45.71**	**860.8**
Stddev	.103	.33	.8
%RSD	5.718	.7287	.0932
#1	1.776	46.04	859.9
#2	1.721	45.72	861.5
#3	1.921	45.38	861.1
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6521.4**	**131390.**	**17151.**
Stddev	29.5	1818.	41.
%RSD	.45242	1.3833	.23650
#1	6546.9	130240.	17198.
#2	6528.2	130450.	17131.
#3	6489.1	133490.	17125.

Sample Name: 460-10920-b-16-a@4 Acquired: 3/5/2010 21:58:52 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**62530.**	**37.91**	**3.445**	**363.7**	**2.154**	**10240.**
Stddev	191.	.37	.199	.9	.040	52.
%RSD	.3056	.9676	5.765	.2374	1.872	.5077
#1	62360.	37.53	3.496	362.8	2.198	10190.
#2	62490.	38.26	3.613	363.9	2.118	10230.
#3	62730.	37.95	3.226	364.5	2.147	10300.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.719**	**47.66**	**76.37**	**102.5**	**114000.**	**6411.**
Stddev	.038	.22	.23	1.5	398.	32.
%RSD	2.189	.4585	.2971	1.437	.3492	.5011
#1	1.762	47.55	76.51	103.8	113500.	6377.
#2	1.701	47.53	76.11	102.9	114000.	6440.
#3	1.693	47.92	76.48	100.9	114300.	6415.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-16-a@4 Acquired: 3/5/2010 21:58:52 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**24960.**	**2871.**	**364.6**	**100.1**	**432.6**	**-.8699**
Stddev	93.	14.	4.6	.3	1.7	.5930
%RSD	.3714	.4712	1.249	.3215	.3932	68.17
#1	24860.	2860.	363.2	99.73	431.1	-.3886
#2	24970.	2886.	369.8	100.2	432.3	-1.532
#3	25040.	2866.	361.0	100.3	434.5	-.6887
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.947**	**-.5221**	**141.8**	**300.9**	**14.28**	**1.087**
Stddev	.881	.4859	.2	1.3	.17	.080
%RSD	45.28	93.07	.1409	.4241	1.218	7.357
#1	.9625	.0033	141.6	299.7	14.18	1.075
#2	2.215	-.9553	142.0	300.9	14.48	1.013
#3	2.663	-.6145	141.9	302.2	14.17	1.172
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-16-a@4 Acquired: 3/5/2010 21:58:52 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**2.202**	**53.14**	**1224.**
Stddev	.322	.25	6.
%RSD	14.64	.4750	.4758
#1	2.539	52.85	1218.
#2	1.897	53.28	1224.
#3	2.170	53.29	1229.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6386.6**	**129450.**	**16788.**
Stddev	22.2	247.	47.
%RSD	.34768	.19068	.27769
#1	6412.1	129420.	16783.
#2	6375.7	129220.	16837.
#3	6371.9	129710.	16745.

Sample Name: 460-10920-b-17-a@4 Acquired: 3/5/2010 22:05:35 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**63290.**	**20.21**	**2.194**	**375.7**	**.9692**	**11120.**
Stddev	103.	.68	.043	1.7	.0369	13.
%RSD	.1622	3.381	1.979	.4563	3.805	.1148
#1	63320.	19.50	2.190	374.4	.9357	11130.
#2	63380.	20.28	2.240	375.0	1.009	11120.
#3	63180.	20.86	2.153	377.6	.9630	11110.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.686**	**39.49**	**103.3**	**93.65**	**86630.**	**9415.**
Stddev	.040	.20	.7	1.45	168.	24.
%RSD	2.379	.4979	.7003	1.545	.1935	.2598
#1	1.656	39.30	104.1	92.10	86460.	9424.
#2	1.670	39.47	103.3	93.90	86800.	9434.
#3	1.731	39.69	102.6	94.96	86620.	9388.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-17-a@4 Acquired: 3/5/2010 22:05:35 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18810.**	**1707.**	**610.8**	**80.17**	**186.1**	**.6293**
Stddev	22.	5.	3.5	.25	.6	.1794
%RSD	.1195	.3034	.5716	.3100	.3154	28.50
#1	18780.	1713.	614.0	80.03	186.3	.8246
#2	18820.	1706.	611.4	80.02	185.4	.4719
#3	18820.	1703.	607.1	80.45	186.5	.5914
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.167**	**7.595**	**140.0**	**300.9**	**13.85**	**1.198**
Stddev	1.683	.579	1.0	1.0	.30	.108
%RSD	77.69	7.621	.6913	.3234	2.133	9.036
#1	3.280	6.933	140.5	300.2	13.57	1.266
#2	2.989	8.006	140.7	300.5	13.82	1.255
#3	.2302	7.846	138.9	302.0	14.16	1.073
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-17-a@4 Acquired: 3/5/2010 22:05:35 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3978**	**70.43**	**3719.**
Stddev	.2692	.28	22.
%RSD	67.67	.3923	.5880
#1	.2206	70.16	3699.
#2	.7075	70.71	3717.
#3	.2652	70.43	3742.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6406.7**	**129840.**	**16956.**
Stddev	44.3	346.	46.
%RSD	.69085	.26668	.27167
#1	6449.1	129850.	16906.
#2	6410.1	130180.	16966.
#3	6360.8	129480.	16997.

Sample Name: 460-10920-b-18-a@4 Acquired: 3/5/2010 22:12:17 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**47010.**	**54.92**	**2.188**	**253.3**	**.8311**	**10180.**
Stddev	333.	.26	.236	1.2	.0188	81.
%RSD	.7091	.4740	10.77	.4582	2.266	.7916
#1	47320.	55.17	1.988	253.2	.8469	10250.
#2	47060.	54.65	2.447	252.2	.8103	10190.
#3	46660.	54.93	2.128	254.5	.8363	10090.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.404**	**31.73**	**89.84**	**77.67**	**70560.**	**8183.**
Stddev	.038	.05	.36	2.23	242.	66.
%RSD	2.703	.1517	.4060	2.868	.3434	.8005
#1	1.410	31.69	90.12	75.63	70840.	8230.
#2	1.364	31.78	89.97	80.04	70430.	8210.
#3	1.439	31.73	89.42	77.33	70410.	8108.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-18-a@4 Acquired: 3/5/2010 22:12:17 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**15170.**	**1434.**	**515.0**	**65.98**	**289.1**	**1.532**
Stddev	67.	8.	12.7	.23	.4	.529
%RSD	.4439	.5337	2.470	.3533	.1328	34.56
#1	15240.	1442.	529.7	65.98	289.6	1.481
#2	15150.	1433.	507.6	65.75	288.9	1.030
#3	15110.	1427.	507.8	66.22	288.9	2.085
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.707**	**4.447**	**115.1**	**249.9**	**12.61**	**1.315**
Stddev	.524	.364	.8	.4	.08	.100
%RSD	30.68	8.183	.6721	.1589	.5975	7.579
#1	1.860	4.866	115.8	250.0	12.70	1.240
#2	1.124	4.267	115.4	249.4	12.56	1.277
#3	2.136	4.209	114.3	250.2	12.57	1.428
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-18-a@4 Acquired: 3/5/2010 22:12:17 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1085**	**68.05**	**2517.**
Stddev	.1386	.48	13.
%RSD	127.7	.7034	.5270
#1	-.0279	68.51	2518.
#2	.1043	68.08	2530.
#3	.2492	67.55	2503.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6369.5**	**128460.**	**16745.**
Stddev	19.2	118.	30.
%RSD	.30088	.09155	.17838
#1	6385.6	128570.	16728.
#2	6374.6	128340.	16727.
#3	6348.3	128470.	16779.

Sample Name: ICSA 371312 Acquired: 3/5/2010 22:18:57 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**510100.**	**-3.678**	**2.189**	**1.003**	**-.1809**	**505500.**
Stddev	5145.	.429	.301	.078	.0796	5314.
%RSD	1.009	11.66	13.76	7.748	43.99	1.051
#1	504400.	-3.401	2.375	1.072	-.1083	502700.
#2	514300.	-4.172	2.349	.9192	-.2660	511700.
#3	511700.	-3.462	1.841	1.019	-.1684	502200.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.219**	**2.334**	**-.2978**	**4.791**	**189000.**	**-151.8**
Stddev	.093	.051	.4405	.912	816.	30.5
%RSD	4.199	2.172	147.9	19.05	.4315	20.12
#1	2.146	2.281	-.5870	5.522	189600.	-183.1
#2	2.188	2.382	-.5156	3.768	189400.	-150.0
#3	2.324	2.338	.2091	5.083	188100.	-122.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/5/2010 22:18:57 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**490800.**	**2.538**	**31.88**	**1.623**	**-3.395**	**2.052**
Stddev	1734.	.064	4.67	.221	.860	1.033
%RSD	.3533	2.503	14.65	13.59	25.33	50.36
#1	492300.	2.500	37.27	1.752	-3.766	1.109
#2	491300.	2.612	29.34	1.368	-4.007	1.890
#3	488900.	2.504	29.04	1.748	-2.412	3.156
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.101**	**1.169**	**1.705**	**-1.222**	**3.398**	**-2.272**
Stddev	2.240	.236	.433	.063	.812	.228
%RSD	203.5	20.17	25.39	5.135	23.90	10.05
#1	3.662	1.313	1.790	-1.151	4.332	-2.257
#2	.1374	.8969	2.089	-1.245	2.865	-2.051
#3	-.4968	1.298	1.236	-1.271	2.996	-2.507
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/5/2010 22:18:57 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.9347**	**-7.819**	**-1.788**
Stddev	.4254	.166	.206
%RSD	45.51	2.117	11.52
#1	1.424	-7.719	-2.019
#2	.7255	-8.010	-1.720
#3	.6544	-7.727	-1.624
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5675.3**	**110510.**	**15572.**
Stddev	12.1	291.	130.
%RSD	.21235	.26313	.83547
#1	5665.5	110210.	15681.
#2	5671.6	110530.	15428.
#3	5688.7	110790.	15606.

Sample Name: ICSAB 371336 Acquired: 3/5/2010 22:25:54 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**494500.**	**94.88**	**106.5**	**101.1**	**98.45**	**493000.**
Stddev	4572.	.48	.4	1.9	.32	6974.
%RSD	.9246	.5023	.3753	1.899	.3232	1.415
#1	499300.	95.26	106.2	103.0	98.79	497200.
#2	490200.	95.02	106.9	101.0	98.42	485000.
#3	494000.	94.34	106.3	99.17	98.15	496900.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**97.16**	**95.62**	**98.69**	**94.05**	**188100.**	**9784.**
Stddev	1.63	1.60	.32	4.01	2233.	58.
%RSD	1.675	1.671	.3227	4.264	1.187	.5932
#1	98.89	97.16	98.52	98.59	190400.	9845.
#2	96.94	95.72	98.49	91.01	188200.	9730.
#3	95.65	93.97	99.05	92.54	185900.	9778.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/5/2010 22:25:54 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**488800.**	**101.0**	**10280.**	**94.91**	**89.91**	**98.96**
Stddev	4803.	.4	23.	1.27	.76	1.58
%RSD	.9827	.3637	.2272	1.341	.8402	1.597
#1	493100.	100.7	10310.	96.32	90.71	100.6
#2	489600.	100.8	10270.	94.56	89.21	98.83
#3	483600.	101.4	10270.	93.85	89.82	97.44
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**99.07**	**94.93**	**101.2**	**92.09**	**101.2**	**93.55**
Stddev	3.17	2.52	.6	1.55	2.1	1.29
%RSD	3.203	2.651	.5557	1.680	2.080	1.382
#1	99.51	97.68	101.0	93.58	103.4	94.85
#2	95.70	94.39	100.8	92.20	101.1	93.52
#3	102.0	92.73	101.8	90.49	99.22	92.27
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/5/2010 22:25:54 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**96.57**	**90.25**	**96.53**
Stddev	1.78	.64	1.29
%RSD	1.842	.7099	1.340
#1	98.32	90.85	97.88
#2	96.62	90.31	96.42
#3	94.76	89.58	95.30
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5646.8**	**110740.**	**15791.**
Stddev	66.3	493.	104.
%RSD	1.1743	.44510	.66026
#1	5577.7	111140.	15685.
#2	5652.7	110890.	15893.
#3	5709.9	110190.	15793.

Sample Name: CCV Acquired: 3/5/2010 22:32:51 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**125200.**	**2491.**	**1247.**	**10160.**	**1027.**	**124200.**
Stddev	65.	13.	4.	54.	1.	69.
%RSD	.0519	.5037	.3456	.5271	.1167	.0552
#1	125200.	2497.	1252.	10180.	1026.	124200.
#2	125100.	2477.	1245.	10090.	1027.	124100.
#3	125200.	2500.	1243.	10190.	1028.	124300.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1247.**	**2479.**	**5088.**	**12700.**	**99180.**	**48860.**
Stddev	7.	14.	32.	28.	281.	55.
%RSD	.5240	.5662	.6256	.2197	.2837	.1129
#1	1251.	2487.	5119.	12660.	99330.	48840.
#2	1240.	2463.	5089.	12700.	98860.	48820.
#3	1251.	2487.	5056.	12720.	99360.	48920.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/5/2010 22:32:51 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**125500.**	**5109.**	**125500.**	**2488.**	**7499.**	**1001.**
Stddev	695.	38.	53.	15.	33.	5.
%RSD	.5537	.7386	.0420	.5950	.4421	.4627
#1	125200.	5134.	125500.	2499.	7510.	1001.
#2	125000.	5066.	125400.	2471.	7462.	996.8
#3	126300.	5129.	125500.	2495.	7526.	1006.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2493.**	**2525.**	**2508.**	**2499.**	**1006.**	**2429.**
Stddev	10.	12.	9.	14.	4.	13.
%RSD	.3865	.4636	.3784	.5596	.4225	.5417
#1	2501.	2530.	2514.	2505.	1008.	2434.
#2	2482.	2512.	2512.	2483.	1001.	2414.
#3	2495.	2534.	2497.	2510.	1009.	2438.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/5/2010 22:32:51 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**971.3**	**5027.**	**10060.**
Stddev	6.4	11.	30.
%RSD	.6563	.2278	.2974
#1	975.6	5037.	10090.
#2	964.0	5014.	10030.
#3	974.3	5030.	10070.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5787.6**	**116770.**	**15858.**
Stddev	31.7	268.	14.
%RSD	.54768	.22984	.08758
#1	5793.4	116500.	15869.
#2	5816.0	116760.	15843.
#3	5753.4	117040.	15863.

Sample Name: CCB Acquired: 3/5/2010 22:39:58 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**16.19**	**.7280**	**.3281**	**1.785**	**.0124**	**16.76**
Stddev	9.30	.5545	.1405	.232	.0411	10.01
%RSD	57.46	76.17	42.83	13.01	330.4	59.75
#1	24.39	1.333	.3401	1.936	.0354	28.31
#2	18.11	.6084	.4622	1.902	-.0350	11.33
#3	6.079	.2430	.1819	1.518	.0368	10.63
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2163**	**.4020**	**.3788**	**.6261**	**8.689**	**22.81**
Stddev	.0744	.0462	.2007	1.721	4.454	35.57
%RSD	34.40	11.50	53.00	274.9	51.26	156.0
#1	.3000	.3754	.1474	2.428	5.050	-10.62
#2	.1909	.4554	.5071	-1.001	13.66	60.19
#3	.1579	.3752	.4817	.4509	7.361	18.84
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/5/2010 22:39:58 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11.01**	**.4634**	**31.03**	**.5263**	**2.114**	**-.1122**
Stddev	1.29	.0170	11.18	.0711	.533	.3939
%RSD	11.70	3.661	36.03	13.51	25.20	351.1
#1	12.40	.4483	39.17	.6080	1.737	.2447
#2	9.863	.4818	18.28	.4927	2.724	-.5348
#3	10.75	.4602	35.64	.4783	1.882	-.0464
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.6517**	**3.168**	**.2271**	**.4721**	**2.043**	**1.699**
Stddev	.9668	1.139	.1327	.0725	.287	.395
%RSD	148.3	35.95	58.41	15.37	14.03	23.27
#1	1.337	3.520	.3234	.5490	2.301	2.071
#2	1.072	4.089	.0758	.4623	2.092	1.743
#3	-.4541	1.895	.2822	.4049	1.734	1.284
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/5/2010 22:39:58 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.4160**	**.5171**	**1.302**
Stddev	.1607	.0402	.066
%RSD	38.62	7.784	5.060
#1	.5997	.4879	1.334
#2	.3466	.5630	1.226
#3	.3016	.5003	1.345
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6217.6**	**127450.**	**15873.**
Stddev	13.5	206.	36.
%RSD	.21752	.16151	.22912
#1	6202.7	127250.	15901.
#2	6229.1	127660.	15887.
#3	6220.9	127440.	15832.

Sample Name: 460-10920-b-19-a@4 Acquired: 3/5/2010 22:46:37 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**78400.**	**25.94**	**3.838**	**618.5**	**1.944**	**16530.**
Stddev	234.	.71	.076	1.2	.013	39.
%RSD	.2989	2.734	1.971	.1943	.6672	.2362
#1	78390.	26.40	3.829	617.1	1.935	16520.
#2	78170.	26.30	3.768	619.1	1.959	16500.
#3	78640.	25.12	3.918	619.2	1.938	16580.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.311**	**61.49**	**87.94**	**78.75**	**119200.**	**6074.**
Stddev	.009	.02	.28	1.37	467.	34.
%RSD	.3754	.0392	.3156	1.740	.3916	.5645
#1	2.308	61.52	87.63	79.32	118800.	6093.
#2	2.321	61.47	88.03	79.75	119300.	6034.
#3	2.304	61.48	88.17	77.19	119700.	6094.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-19-a@4 Acquired: 3/5/2010 22:46:37 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**23340.**	**4916.**	**1739.**	**96.53**	**146.1**	**-.2181**
Stddev	87.	8.	6.	.05	.5	1.637
%RSD	.3707	.1564	.3677	.0564	.3714	750.7
#1	23260.	4921.	1736.	96.47	146.7	-.3661
#2	23340.	4921.	1734.	96.58	145.6	-1.776
#3	23430.	4908.	1746.	96.53	146.0	1.488
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.808**	**.9147**	**218.0**	**315.4**	**12.52**	**2.070**
Stddev	1.467	.1887	.7	.3	.50	.062
%RSD	81.15	20.63	.3371	.1067	3.966	2.980
#1	2.853	1.071	217.5	315.2	12.58	2.122
#2	2.441	.9673	217.7	315.3	12.98	2.087
#3	.1306	.7052	218.9	315.8	11.99	2.002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-19-a@4 Acquired: 3/5/2010 22:46:37 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-1.093**	**162.0**	**2386.**
Stddev	.097	.2	10.
%RSD	8.891	.1495	.4041
#1	-1.108	161.9	2377.
#2	-1.182	161.8	2385.
#3	-.9890	162.3	2396.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6488.7**	**130130.**	**17223.**
Stddev	21.7	55.	41.
%RSD	.33404	.04222	.23733
#1	6508.1	130190.	17258.
#2	6492.8	130090.	17234.
#3	6465.3	130110.	17178.

Sample Name: 460-10920-b-20-a@4 Acquired: 3/5/2010 22:53:19 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**73220.**	**27.14**	**3.682**	**596.7**	**2.336**	**8515.**
Stddev	269.	.71	.552	10.7	.036	18.
%RSD	.3674	2.598	14.98	1.798	1.563	.2125
#1	73450.	27.84	4.248	608.7	2.304	8536.
#2	73290.	27.17	3.146	593.8	2.327	8507.
#3	72930.	26.43	3.651	587.8	2.376	8502.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.055**	**49.76**	**88.68**	**96.17**	**119300.**	**6518.**
Stddev	.016	.94	.54	1.43	1595.	30.
%RSD	.7943	1.896	.6114	1.488	1.338	.4585
#1	2.056	50.84	88.60	96.49	121000.	6532.
#2	2.071	49.34	89.26	97.42	118900.	6484.
#3	2.038	49.10	88.18	94.61	117900.	6538.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-20-a@4 Acquired: 3/5/2010 22:53:19 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**22970.**	**3446.**	**591.2**	**98.26**	**224.2**	**-.7043**
Stddev	317.	21.	5.7	2.05	3.5	.5322
%RSD	1.381	.6138	.9618	2.083	1.565	75.56
#1	23320.	3453.	596.6	100.5	228.0	-.5139
#2	22890.	3464.	591.7	97.83	223.5	-1.306
#3	22700.	3423.	585.3	96.47	221.1	-.2936
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.614**	**.8899**	**163.3**	**362.8**	**13.35**	**1.609**
Stddev	1.146	1.139	.8	6.4	.15	.150
%RSD	43.85	127.9	.4720	1.754	1.146	9.325
#1	1.833	1.252	163.3	369.8	13.18	1.721
#2	3.930	-.3858	164.1	361.3	13.49	1.439
#3	2.079	1.803	162.5	357.4	13.37	1.669
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-20-a@4 Acquired: 3/5/2010 22:53:19 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**2.059**	**78.53**	**1637.**
Stddev	.683	.09	22.
%RSD	33.16	.1113	1.323
#1	1.899	78.61	1661.
#2	1.470	78.53	1630.
#3	2.807	78.44	1619.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6427.5**	**129410.**	**17053.**
Stddev	58.9	600.	54.
%RSD	.91652	.46384	.31493
#1	6360.3	130080.	17004.
#2	6451.8	128910.	17111.
#3	6470.4	129260.	17044.

Sample Name: mb 460-31292/1-a@2 Acquired: 3/5/2010 23:00:01 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6.707**	**.5891**	**.0820**	**-.1161**	**-.0586**	**15.25**
Stddev	2.896	.3688	.3693	.0285	.0365	4.41
%RSD	43.18	62.60	450.1	24.56	62.21	28.92
#1	5.583	.9471	.4522	-.1365	-.0516	16.91
#2	4.541	.2104	-.2863	-.0835	-.0262	10.25
#3	9.997	.6098	.0803	-.1282	-.0981	18.59
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0459**	**-.1446**	**.0817**	**.2766**	**17.18**	**-28.06**
Stddev	.0125	.1338	.2957	4.739	2.61	19.29
%RSD	27.15	92.54	361.8	1713.	15.18	68.75
#1	-.0427	-.0156	.3827	-2.241	19.63	-42.84
#2	-.0597	-.2827	-.2083	5.743	17.46	-35.10
#3	-.0354	-.1355	.0708	-2.672	14.44	-6.238
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-31292/1-a@2 Acquired: 3/5/2010 23:00:01 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.6895**	**.1890**	**24.56**	**.1531**	**.1909**	**1.250**
Stddev	2.392	.0228	4.91	.1261	.0546	.367
%RSD	346.9	12.04	20.01	82.35	28.60	29.35
#1	-.7062	.1835	21.81	.0273	.2513	1.314
#2	1.711	.1695	30.23	.1527	.1450	.8558
#3	-3.073	.2140	21.63	.2795	.1763	1.582
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.9701**	**.7903**	**.0484**	**1.854**	**1.002**	**.1646**
Stddev	1.052	.5094	.3002	.067	.089	.1444
%RSD	108.4	64.45	619.9	3.637	8.928	87.75
#1	-1.202	1.009	-.2827	1.836	.9309	.1081
#2	.1782	.2081	.1253	1.928	1.102	.3287
#3	-1.887	1.153	.3027	1.797	.9724	.0569
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-31292/1-a@2 Acquired: 3/5/2010 23:00:01 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**4.386**	**.0452**	**.3078**
Stddev	.110	.0211	.0379
%RSD	2.516	46.58	12.32
#1	4.262	.0690	.3369
#2	4.423	.0376	.3216
#3	4.473	.0290	.2649
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6096.8**	**123970.**	**15673.**
Stddev	120.9	316.	22.
%RSD	1.9837	.25500	.13970
#1	6005.4	123860.	15669.
#2	6051.0	123730.	15654.
#3	6233.9	124330.	15697.

Sample Name: lcssrm 460-31292/2-a Acquired: 3/5/2010 23:06:38 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**53990.**	**501.1**	**147.4**	**1040.**	**389.4**	**48700.**
Stddev	91.	2.9	.3	9.	.5	109.
%RSD	.1683	.5751	.2119	.9069	.1216	.2227
#1	53960.	498.8	147.4	1031.	388.9	48620.
#2	54100.	500.2	147.7	1040.	389.9	48820.
#3	53930.	504.3	147.1	1049.	389.5	48650.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**306.1**	**469.4**	**1193.**	**881.4**	**87460.**	**21100.**
Stddev	2.4	3.2	2.	4.3	968.	18.
%RSD	.7761	.6787	.1386	.4868	1.107	.0848
#1	303.8	466.2	1191.	878.8	86470.	21100.
#2	306.1	469.4	1192.	886.3	87500.	21120.
#3	308.5	472.6	1195.	879.0	88410.	21090.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-31292/2-a Acquired: 3/5/2010 23:06:38 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19500.**	**3112.**	**5119.**	**698.4**	**449.1**	**121.0**
Stddev	178.	12.	7.	5.5	2.6	1.6
%RSD	.9139	.3812	.1285	.7851	.5790	1.358
#1	19320.	3124.	5115.	692.9	446.6	119.2
#2	19510.	3100.	5126.	698.6	448.9	122.5
#3	19680.	3111.	5115.	703.8	451.8	121.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1386.**	**671.1**	**565.6**	**3050.**	**684.0**	**225.7**
Stddev	9.	5.3	1.9	22.	5.2	2.1
%RSD	.6697	.7941	.3361	.7308	.7672	.9119
#1	1376.	667.0	565.5	3028.	678.5	223.5
#2	1386.	669.1	563.8	3050.	684.5	226.0
#3	1395.	677.1	567.6	3072.	688.9	227.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-31292/2-a Acquired: 3/5/2010 23:06:38 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**477.0**	**1151.**	**2125.**
Stddev	3.0	2.	21.
%RSD	.6268	.1692	.9977
#1	474.3	1150.	2104.
#2	476.4	1154.	2125.
#3	480.2	1150.	2146.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6305.5**	**127890.**	**16846.**
Stddev	37.4	347.	31.
%RSD	.59361	.27125	.18356
#1	6343.2	127490.	16839.
#2	6304.9	128110.	16819.
#3	6268.4	128070.	16880.

Sample Name: 460-10920-b-21-b du@ Acquired: 3/5/2010 23:13:17 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**98460.**	**6.733**	**2.965**	**928.7**	**-.6444**	**8768.**
Stddev	191.	.413	.307	5.4	.0294	11.
%RSD	.1940	6.130	10.35	.5802	4.565	.1299
#1	98250.	7.183	3.317	934.8	-.6236	8755.
#2	98620.	6.372	2.748	924.4	-.6315	8772.
#3	98510.	6.644	2.832	927.0	-.6781	8777.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.429**	**92.33**	**180.5**	**267.0**	**173200.**	**46290.**
Stddev	.015	.70	1.4	3.2	961.	100.
%RSD	.6071	.7589	.7618	1.199	.5548	.2159
#1	2.415	93.12	179.6	263.8	174300.	46180.
#2	2.444	91.78	179.8	267.2	172500.	46360.
#3	2.429	92.09	182.1	270.2	172900.	46340.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-21-b du@ Acquired: 3/5/2010 23:13:17 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**41630.**	**2251.**	**852.2**	**161.7**	**259.4**	**.2417**
Stddev	203.	26.	8.2	1.3	2.1	1.075
%RSD	.4866	1.150	.9655	.8307	.8238	444.9
#1	41860.	2222.	857.3	163.3	261.6	.6910
#2	41470.	2262.	842.7	160.9	257.3	1.020
#3	41570.	2270.	856.5	161.0	259.4	-.9854
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.022**	**21.37**	**269.5**	**428.1**	**20.29**	**11.05**
Stddev	.390	.31	2.2	2.4	.73	.16
%RSD	19.28	1.464	.8242	.5681	3.602	1.472
#1	1.664	21.07	267.6	430.8	20.81	11.22
#2	1.965	21.35	269.0	426.2	19.46	11.04
#3	2.437	21.69	272.0	427.3	20.60	10.90
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-21-b du@ Acquired: 3/5/2010 23:13:17 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**155.9**	**37.58**	**10470.**
Stddev	1.5	.03	51.
%RSD	.9544	.0759	.4916
#1	157.6	37.55	10500.
#2	154.7	37.58	10490.
#3	155.4	37.61	10410.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6222.9**	**124210.**	**16416.**
Stddev	27.2	1075.	44.
%RSD	.43751	.86567	.26852
#1	6192.9	125210.	16426.
#2	6246.0	124350.	16368.
#3	6229.9	123070.	16455.

Sample Name: 460-10920-b-21-a@4 Acquired: 3/5/2010 23:20:06 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**100500.**	**6.964**	**3.433**	**935.0**	**-.7601**	**9381.**
Stddev	154.	.655	.114	2.7	.0287	22.
%RSD	.1534	9.409	3.307	.2866	3.780	.2327
#1	100400.	6.622	3.320	932.0	-.7309	9361.
#2	100700.	7.720	3.434	937.0	-.7884	9404.
#3	100600.	6.551	3.547	936.1	-.7610	9377.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.631**	**85.09**	**185.3**	**242.9**	**178900.**	**46910.**
Stddev	.037	.06	.4	.5	365.	30.
%RSD	1.423	.0749	.2110	.1992	.2041	.0632
#1	2.668	85.15	184.9	242.9	178500.	46880.
#2	2.593	85.08	185.4	242.4	179100.	46920.
#3	2.632	85.03	185.6	243.4	179200.	46940.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-21-a@4 Acquired: 3/5/2010 23:20:06 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**42940.**	**2399.**	**914.3**	**160.9**	**453.8**	**-.7656**
Stddev	26.	12.	10.2	.3	.8	1.131
%RSD	.0612	.4913	1.117	.1812	.1770	147.7
#1	42910.	2404.	904.9	160.9	452.9	-1.711
#2	42960.	2385.	912.8	161.3	454.3	-1.073
#3	42950.	2407.	925.2	160.7	454.2	.4875
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.756**	**21.50**	**278.7**	**426.8**	**19.86**	**3.732**
Stddev	.442	.38	.5	.9	.14	.090
%RSD	25.19	1.763	.1747	.2039	.7130	2.401
#1	2.237	21.53	278.2	425.8	19.89	3.834
#2	1.367	21.10	279.1	427.4	19.99	3.665
#3	1.663	21.86	278.7	427.3	19.71	3.698
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-21-a@4 Acquired: 3/5/2010 23:20:06 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**390.1**	**36.93**	**10590.**
Stddev	.8	.07	22.
%RSD	.2034	.1883	.2043
#1	389.3	36.86	10570.
#2	390.9	36.94	10580.
#3	389.9	37.00	10610.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6212.2**	**124470.**	**16261.**
Stddev	7.1	143.	93.
%RSD	.11384	.11503	.57234
#1	6210.4	124390.	16328.
#2	6206.3	124380.	16155.
#3	6220.1	124630.	16300.

Sample Name: sd 460-10920-b-21-a@ Acquired: 3/5/2010 23:26:56 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**20140.**	**1.426**	**1.006**	**193.5**	**-.1695**	**1884.**
Stddev	78.	.465	.217	1.3	.0146	12.
%RSD	.3862	32.63	21.55	.6689	8.585	.6341
#1	20060.	1.327	.9206	192.3	-.1807	1887.
#2	20150.	1.018	.8457	193.3	-.1531	1871.
#3	20220.	1.933	1.253	194.8	-.1748	1894.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.6258**	**17.97**	**37.75**	**46.73**	**37180.**	**9509.**
Stddev	.0484	.18	.22	3.52	166.	22.
%RSD	7.728	1.002	.5922	7.543	.4466	.2331
#1	.5960	17.76	37.71	44.93	37050.	9502.
#2	.5999	18.09	37.99	50.79	37130.	9491.
#3	.6816	18.06	37.55	44.46	37370.	9534.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-10920-b-21-a@ Acquired: 3/5/2010 23:26:56 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8813.**	**498.6**	**181.1**	**33.78**	**96.57**	**-.1606**
Stddev	36.	1.7	7.1	.14	.39	.7658
%RSD	.4041	.3392	3.929	.4056	.4043	476.8
#1	8795.	496.6	177.2	33.83	97.02	.7197
#2	8790.	499.2	189.3	33.63	96.33	-.5288
#3	8854.	499.8	176.7	33.89	96.36	-.6728
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.4870**	**4.885**	**56.69**	**88.55**	**4.499**	**.6186**
Stddev	1.227	.473	.34	.46	.200	.0532
%RSD	252.0	9.689	.5992	.5239	4.441	8.606
#1	.8308	4.363	56.36	88.13	4.351	.6578
#2	-.6953	5.009	56.68	88.47	4.726	.5580
#3	-1.596	5.285	57.04	89.05	4.419	.6401
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-10920-b-21-a@ Acquired: 3/5/2010 23:26:56 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**81.31**	**7.502**	**2232.**
Stddev	.39	.126	10.
%RSD	.4782	1.675	.4407
#1	81.53	7.496	2223.
#2	80.86	7.631	2230.
#3	81.54	7.380	2243.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6210.8**	**126390.**	**16111.**
Stddev	24.8	177.	29.
%RSD	.39916	.14023	.18142
#1	6230.1	126560.	16121.
#2	6219.4	126420.	16135.
#3	6182.9	126210.	16079.

Sample Name: 460-10920-b-21-c ms@ Acquired: 3/5/2010 23:33:30 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**111600.**	**950.4**	**26.19**	**2025.**	**23.24**	**17990.**
Stddev	653.	1.5	.45	3.	.11	107.
%RSD	.5852	.1628	1.713	.1647	.4750	.5938
#1	112000.	951.4	25.99	2022.	23.15	18030.
#2	112100.	951.2	25.87	2029.	23.37	18070.
#3	110900.	948.6	26.70	2025.	23.21	17870.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**26.71**	**331.2**	**299.5**	**355.9**	**184700.**	**62660.**
Stddev	.03	.5	1.7	2.4	826.	274.
%RSD	.1191	.1598	.5606	.6881	.4474	.4375
#1	26.68	331.8	300.8	358.6	183800.	62830.
#2	26.71	330.9	300.3	353.8	185400.	62800.
#3	26.75	331.0	297.6	355.3	184900.	62340.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-21-c ms@ Acquired: 3/5/2010 23:33:30 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**55530.**	**2711.**	**10750.**	**414.1**	**1077.**	**102.1**
Stddev	232.	16.	48.	.2	3.	.6
%RSD	.4174	.6080	.4486	.0364	.2342	.5854
#1	55280.	2723.	10770.	414.2	1074.	102.0
#2	55740.	2692.	10780.	414.0	1078.	102.7
#3	55570.	2718.	10690.	414.2	1079.	101.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**951.7**	**1032.**	**545.3**	**692.2**	**238.7**	**243.5**
Stddev	2.5	.	3.6	.8	.4	.2
%RSD	.2664	.0198	.6692	.1205	.1774	.0988
#1	949.1	1032.	546.5	691.2	238.3	243.3
#2	954.2	1032.	548.2	692.7	239.1	243.7
#3	951.8	1032.	541.2	692.6	238.6	243.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-21-c ms@ Acquired: 3/5/2010 23:33:30 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**807.4**	**271.7**	**12200.**
Stddev	1.0	1.6	69.
%RSD	.1277	.5749	.5661
#1	808.1	272.5	12150.
#2	807.9	272.7	12280.
#3	806.2	269.9	12170.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6152.8**	**122940.**	**16204.**
Stddev	10.1	845.	98.
%RSD	.16377	.68749	.60455
#1	6164.0	122220.	16112.
#2	6144.5	122730.	16194.
#3	6149.9	123870.	16307.

Sample Name: 460-10920-b-22-a@4 Acquired: 3/5/2010 23:40:19 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**52500.**	**13.27**	**2.353**	**429.0**	**.2242**	**49530.**
Stddev	316.	1.10	.356	7.3	.0389	317.
%RSD	.6020	8.267	15.15	1.699	17.33	.6403
#1	52800.	14.51	1.977	434.7	.2157	49810.
#2	52530.	12.86	2.686	431.6	.2666	49590.
#3	52170.	12.44	2.397	420.8	.1903	49190.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.400**	**39.56**	**83.56**	**78.30**	**92620.**	**17280.**
Stddev	.056	.81	.20	.61	1034.	137.
%RSD	4.012	2.038	.2355	.7804	1.116	.7949
#1	1.419	40.16	83.76	77.62	93260.	17430.
#2	1.444	39.89	83.36	78.50	93170.	17250.
#3	1.337	38.65	83.55	78.79	91420.	17160.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-22-a@4 Acquired: 3/5/2010 23:40:19 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**27250.**	**1820.**	**907.7**	**75.46**	**616.3**	**.6104**
Stddev	335.	5.	16.2	1.38	11.9	.9064
%RSD	1.230	.2971	1.782	1.830	1.926	148.5
#1	27490.	1820.	926.3	76.40	623.9	.6813
#2	27400.	1814.	897.7	76.12	622.3	-.3294
#3	26870.	1825.	899.0	73.88	602.6	1.479
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.324**	**9.581**	**122.4**	**489.0**	**15.11**	**.7744**
Stddev	1.018	.564	.8	9.5	.35	.0620
%RSD	76.89	5.884	.6281	1.942	2.340	8.001
#1	1.863	9.682	121.7	495.9	15.12	.7562
#2	.1498	10.09	122.4	493.0	15.46	.7236
#3	1.960	8.974	123.2	478.2	14.76	.8434
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-22-a@4 Acquired: 3/5/2010 23:40:19 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.7767**	**190.5**	**4402.**
Stddev	.0824	1.2	53.
%RSD	10.61	.6162	1.207
#1	-.7867	191.5	4451.
#2	-.8536	190.8	4410.
#3	-.6897	189.2	4345.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6219.0**	**124430.**	**16330.**
Stddev	61.4	386.	20.
%RSD	.98783	.31018	.12061
#1	6185.5	124530.	16353.
#2	6181.5	124750.	16319.
#3	6289.9	124000.	16319.

Sample Name: 460-10920-b-23-a@4 Acquired: 3/5/2010 23:47:02 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**9531.**	**6.743**	**.6120**	**34.25**	**.7024**	F **825300.**
Stddev	98.	1.111	.0353	.25	.0117	9007.
%RSD	1.023	16.48	5.765	.7236	1.662	1.091
#1	9644.	6.401	.6160	33.99	.7102	832300.
#2	9478.	5.843	.5749	34.28	.6890	828500.
#3	9472.	7.985	.6451	34.48	.7080	815200.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3022**	**9.962**	**10.13**	**9.885**	**29090.**	**3832.**
Stddev	.0621	.051	.59	2.816	195.	53.
%RSD	20.56	.5157	5.775	28.48	.6712	1.373
#1	.2372	9.969	10.12	8.948	28950.	3860.
#2	.3083	9.908	10.73	7.657	29310.	3864.
#3	.3610	10.01	9.557	13.05	29000.	3771.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-23-a@4 Acquired: 3/5/2010 23:47:02 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F **460500.**	**899.9**	**1015.**	**24.31**	**17.12**	**4.640**
Stddev	2357.	25.0	13.	.40	.55	.637
%RSD	.5119	2.780	1.250	1.645	3.219	13.72
#1	462200.	883.6	1029.	24.29	17.28	5.371
#2	461400.	928.7	1006.	23.92	16.50	4.337
#3	457800.	887.3	1008.	24.72	17.57	4.211
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.					
Low Limit	-2000.					

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.6828**	**-.2096**	**33.01**	**54.47**	**5.730**	**1.134**
Stddev	2.165	.5158	1.19	.37	.243	.127
%RSD	317.0	246.1	3.618	.6717	4.243	11.21
#1	3.176	.3733	32.51	54.06	5.976	1.183
#2	-.7147	-.3950	34.37	54.59	5.490	.9893
#3	-.4131	-.6070	32.15	54.75	5.724	1.229
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-23-a@4 Acquired: 3/5/2010 23:47:02 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.2706**	**389.1**	**380.2**
Stddev	.5391	3.2	2.4
%RSD	199.2	.8316	.6241
#1	.3146	392.8	378.6
#2	-.7469	387.8	382.9
#3	-.3796	386.8	379.1
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5515.2**	**110600.**	**15511.**
Stddev	13.4	2208.	20.
%RSD	.24293	1.9968	.12651
#1	5523.6	112030.	15495.
#2	5522.2	108060.	15505.
#3	5499.7	111710.	15533.

Sample Name: CCV Acquired: 3/5/2010 23:53:55 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**125300.**	**2527.**	**1259.**	**10280.**	**1037.**	**123600.**
Stddev	394.	9.	6.	30.	3.	470.
%RSD	.3145	.3713	.5151	.2957	.3119	.3805
#1	125700.	2526.	1252.	10270.	1040.	124200.
#2	124900.	2537.	1259.	10310.	1034.	123400.
#3	125200.	2518.	1265.	10250.	1035.	123300.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1265.**	**2480.**	**5118.**	**12760.**	**98790.**	**48410.**
Stddev	4.	12.	21.	32.	629.	132.
%RSD	.3250	.4683	.4112	.2543	.6363	.2730
#1	1266.	2488.	5095.	12800.	98160.	48560.
#2	1269.	2485.	5121.	12740.	98790.	48370.
#3	1261.	2467.	5137.	12740.	99420.	48300.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/5/2010 23:53:55 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**126100.**	**5128.**	**125200.**	**2505.**	**7581.**	**1018.**
Stddev	397.	29.	384.	9.	23.	4.
%RSD	.3151	.5644	.3068	.3704	.3085	.4136
#1	125600.	5137.	125600.	2509.	7582.	1018.
#2	126300.	5151.	124900.	2511.	7604.	1022.
#3	126300.	5095.	124900.	2494.	7557.	1014.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2535.**	**2547.**	**2537.**	**2527.**	**1014.**	**2452.**
Stddev	10.	7.	13.	8.	4.	8.
%RSD	.4128	.2935	.5283	.3091	.3766	.3069
#1	2531.	2547.	2523.	2528.	1013.	2453.
#2	2547.	2554.	2538.	2533.	1018.	2459.
#3	2527.	2539.	2549.	2518.	1010.	2444.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/5/2010 23:53:55 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**971.7**	**5054.**	**10080.**
Stddev	5.5	52.	47.
%RSD	.5623	1.027	.4678
#1	974.7	5103.	10020.
#2	974.9	4999.	10100.
#3	965.3	5058.	10110.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5869.1**	**116940.**	**15945.**
Stddev	11.5	214.	80.
%RSD	.19647	.18259	.50093
#1	5882.2	117150.	15853.
#2	5860.2	116720.	15987.
#3	5865.1	116950.	15996.

Sample Name: CCB Acquired: 3/6/2010 0:01:02 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**23.83**	**1.646**	**.5328**	**4.654**	**.1135**	**34.85**
Stddev	7.36	.354	.3137	.773	.0383	2.90
%RSD	30.88	21.54	58.88	16.60	33.75	8.335
#1	15.39	1.703	.6750	4.016	.0698	33.26
#2	27.19	1.266	.1732	5.513	.1411	38.20
#3	28.90	1.968	.7502	4.432	.1295	33.08
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.5894**	**1.219**	**1.290**	**2.382**	**23.62**	**48.91**
Stddev	.1264	.188	.395	4.018	9.08	30.21
%RSD	21.45	15.41	30.61	168.6	38.43	61.78
#1	.4998	1.045	1.005	-1.201	14.71	56.79
#2	.7340	1.418	1.124	6.726	23.30	15.53
#3	.5344	1.194	1.741	1.621	32.85	74.40
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/6/2010 0:01:02 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**41.45**	**1.311**	**63.44**	**1.147**	**3.671**	**.6592**
Stddev	15.33	.403	3.84	.222	.085	.1660
%RSD	36.98	30.71	6.049	19.35	2.304	25.18
#1	28.66	.9657	67.85	.9284	3.734	.7889
#2	37.26	1.214	61.58	1.372	3.705	.4721
#3	58.44	1.753	60.88	1.140	3.575	.7166
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.7190**	**3.436**	**.7328**	**1.161**	**2.477**	**2.313**
Stddev	.7449	.563	.4183	.208	.048	.157
%RSD	103.6	16.39	57.09	17.93	1.924	6.778
#1	.3105	4.072	.2511	.9806	2.499	2.387
#2	.2678	3.001	.9420	1.389	2.509	2.419
#3	1.579	3.234	1.005	1.113	2.422	2.133
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/6/2010 0:01:02 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.6974**	**.8134**	**2.848**
Stddev	.2327	.0143	.711
%RSD	33.37	1.756	24.95
#1	.9057	.8250	2.297
#2	.4463	.7974	2.598
#3	.7401	.8177	3.650
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6153.7**	**125470.**	**16021.**
Stddev	54.8	547.	37.
%RSD	.89108	.43575	.23138
#1	6195.2	125150.	16063.
#2	6091.5	125160.	15992.
#3	6174.2	126100.	16008.

Sample Name: 460-10920-b-24-a@4 Acquired: 3/6/2010 0:07:40 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**94780.**	**7.371**	**3.322**	**765.0**	**-.4473**	**33830.**
Stddev	1681.	.978	.271	5.5	.0987	620.
%RSD	1.774	13.26	8.171	.7189	22.07	1.833
#1	94620.	6.698	3.635	759.9	-.4517	33790.
#2	93180.	8.493	3.166	770.8	-.3465	33230.
#3	96530.	6.924	3.165	764.4	-.5438	34470.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.259**	**94.80**	**162.2**	**180.7**	**152000.**	**41520.**
Stddev	.034	.48	1.7	4.4	1289.	698.
%RSD	1.522	.5100	1.061	2.449	.8480	1.682
#1	2.254	94.31	160.9	179.8	150900.	41540.
#2	2.295	95.27	164.1	176.8	153400.	40810.
#3	2.227	94.83	161.6	185.5	151600.	42210.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-24-a@4 Acquired: 3/6/2010 0:07:40 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**46830.**	**1880.**	**1405.**	**158.1**	**43.20**	**2.715**
Stddev	391.	26.	15.	1.0	.65	.341
%RSD	.8358	1.383	1.064	.6291	1.514	12.55
#1	46550.	1857.	1408.	157.6	43.32	3.095
#2	47280.	1908.	1389.	159.2	42.49	2.617
#3	46660.	1875.	1418.	157.4	43.78	2.435
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.9788**	**21.03**	**263.9**	**391.9**	**37.69**	**2.120**
Stddev	1.345	.11	3.3	2.4	.34	.151
%RSD	137.4	.5285	1.268	.6109	.8971	7.113
#1	.0267	20.92	261.3	390.0	37.30	2.144
#2	.3927	21.14	267.7	394.6	37.88	1.958
#3	2.517	21.04	262.7	391.1	37.89	2.257
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-24-a@4 Acquired: 3/6/2010 0:07:40 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-16.06**	**133.9**	**9642.**
Stddev	.32	2.8	161.
%RSD	2.004	2.084	1.669
#1	-16.20	133.9	9570.
#2	-15.69	131.0	9826.
#3	-16.29	136.6	9529.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6356.1**	**126340.**	**16581.**
Stddev	31.6	1149.	174.
%RSD	.49702	.90916	1.0502
#1	6360.1	126920.	16626.
#2	6322.7	125020.	16728.
#3	6385.6	127080.	16388.

Sample Name: 460-10920-b-25-a@4 Acquired: 3/6/2010 0:14:23 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**70330.**	**7.665**	**2.537**	**725.0**	**-.4601**	**25880.**
Stddev	28.	1.159	.702	4.0	.0445	25.
%RSD	.0391	15.11	27.68	.5549	9.676	.0982
#1	70300.	7.773	1.764	720.9	-.4295	25880.
#2	70350.	8.765	2.714	729.0	-.4396	25900.
#3	70350.	6.456	3.135	725.2	-.5112	25850.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.012**	**68.36**	**114.5**	**273.0**	**119600.**	**28950.**
Stddev	.038	.08	.3	3.1	406.	35.
%RSD	1.873	.1128	.2944	1.128	.3391	.1195
#1	1.972	68.32	114.9	275.8	120000.	28970.
#2	2.047	68.45	114.4	269.7	119500.	28960.
#3	2.017	68.31	114.3	273.5	119200.	28910.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-25-a@4 Acquired: 3/6/2010 0:14:23 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**34580.**	**1566.**	**9350.**	**126.8**	**45.18**	**1.294**
Stddev	79.	6.	3.	.1	.37	.884
%RSD	.2284	.4076	.0326	.0908	.8082	68.29
#1	34670.	1573.	9352.	126.9	44.88	1.352
#2	34550.	1560.	9347.	126.9	45.59	.3828
#3	34520.	1567.	9351.	126.7	45.07	2.147
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.9316**	**14.44**	**261.8**	**309.2**	**23.29**	**2.238**
Stddev	.5513	.17	.9	.4	.11	.072
%RSD	59.17	1.190	.3375	.1299	.4884	3.240
#1	1.564	14.37	262.7	309.1	23.28	2.300
#2	.6768	14.64	260.9	309.7	23.40	2.255
#3	.5538	14.32	261.9	308.9	23.18	2.158
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-25-a@4 Acquired: 3/6/2010 0:14:23 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-11.05**	**55.89**	**6915.**
Stddev	.44	.11	46.
%RSD	3.992	.2025	.6722
#1	-10.77	55.77	6888.
#2	-10.82	56.00	6969.
#3	-11.56	55.91	6888.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6281.5**	**125480.**	**16459.**
Stddev	6.3	241.	43.
%RSD	.10032	.19196	.26121
#1	6287.5	125560.	16508.
#2	6275.0	125670.	16439.
#3	6282.0	125210.	16430.

Sample Name: 460-10920-b-26-a@4 Acquired: 3/6/2010 0:21:07 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**69190.**	**24.09**	**3.018**	**774.5**	**.4848**	**25960.**
Stddev	130.	1.01	.091	11.8	.0270	20.
%RSD	.1874	4.192	3.022	1.528	5.564	.0782
#1	69110.	22.93	2.960	764.1	.4545	25960.
#2	69340.	24.53	3.123	772.1	.5060	25980.
#3	69130.	24.80	2.971	787.4	.4940	25940.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.250**	**50.69**	**103.4**	**121.6**	**112500.**	**17820.**
Stddev	.074	.91	.6	2.8	1161.	26.
%RSD	3.305	1.802	.5324	2.271	1.032	.1466
#1	2.169	49.83	103.9	120.1	111600.	17790.
#2	2.266	50.59	102.8	120.0	112100.	17840.
#3	2.316	51.64	103.6	124.8	113800.	17820.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-26-a@4 Acquired: 3/6/2010 0:21:07 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**26230.**	**1503.**	**572.4**	**91.69**	**1124.**	**.7736**
Stddev	296.	3.	6.7	1.78	17.	.5782
%RSD	1.129	.2041	1.163	1.939	1.539	74.74
#1	25980.	1502.	576.0	90.05	1109.	.3980
#2	26170.	1501.	576.4	91.43	1120.	1.440
#3	26560.	1506.	564.7	93.58	1143.	.4834
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.3830**	**9.512**	**163.7**	**620.4**	**12.94**	**2.509**
Stddev	.7359	.906	.2	9.7	.30	.077
%RSD	192.1	9.525	.1235	1.569	2.317	3.057
#1	-.0841	9.900	163.8	611.8	12.77	2.593
#2	.1564	10.16	163.5	618.4	12.75	2.443
#3	-1.221	8.476	163.8	631.0	13.28	2.489
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-26-a@4 Acquired: 3/6/2010 0:21:07 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.875**	**137.8**	**5114.**
Stddev	.351	.1	82.
%RSD	18.72	.0944	1.597
#1	1.560	137.7	5073.
#2	1.812	137.8	5061.
#3	2.253	137.9	5208.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6264.6**	**126250.**	**16646.**
Stddev	67.7	255.	73.
%RSD	1.0802	.20189	.44022
#1	6322.3	126440.	16700.
#2	6281.4	126350.	16562.
#3	6190.1	125960.	16674.

Sample Name: 460-10920-b-27-a@4 Acquired: 3/6/2010 0:27:50 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**80700.**	**23.68**	**2.680**	**264.0**	**1.162**	**2101.**
Stddev	33.	.52	.112	1.4	.027	5.
%RSD	.0414	2.208	4.165	.5222	2.292	.2456
#1	80740.	24.29	2.671	265.3	1.157	2102.
#2	80700.	23.40	2.796	264.0	1.190	2105.
#3	80670.	23.36	2.574	262.6	1.137	2095.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.447**	**39.53**	**106.4**	**86.74**	**108600.**	**5930.**
Stddev	.042	.33	.2	.59	133.	22.
%RSD	2.864	.8414	.2303	.6762	.1222	.3775
#1	1.491	39.82	106.6	86.96	108800.	5955.
#2	1.441	39.61	106.1	87.19	108700.	5920.
#3	1.409	39.17	106.4	86.08	108500.	5914.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-27-a@4 Acquired: 3/6/2010 0:27:50 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**20530.**	**1174.**	**249.9**	**78.20**	**65.63**	**.2366**
Stddev	59.	3.	7.0	.46	.05	.4076
%RSD	.2850	.2330	2.816	.5820	.0723	172.3
#1	20600.	1172.	243.1	78.62	65.58	-.2257
#2	20510.	1172.	257.1	78.28	65.67	.3912
#3	20490.	1177.	249.4	77.72	65.63	.5443
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.715**	**7.074**	**162.9**	**269.5**	**11.80**	**3.181**
Stddev	.694	.150	.2	1.6	.15	.127
%RSD	25.58	2.126	.1379	.6062	1.302	3.986
#1	1.914	7.248	162.6	270.9	11.70	3.258
#2	3.154	6.989	162.8	270.0	11.73	3.250
#3	3.076	6.985	163.1	267.7	11.98	3.035
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-27-a@4 Acquired: 3/6/2010 0:27:50 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-3.006**	**18.56**	**3444.**
Stddev	.048	.13	10.
%RSD	1.587	.7103	.2864
#1	-2.961	18.64	3451.
#2	-3.056	18.40	3447.
#3	-3.000	18.62	3432.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6309.1**	**125790.**	**16397.**
Stddev	22.7	140.	104.
%RSD	.35971	.11131	.63367
#1	6291.9	125680.	16514.
#2	6300.4	125760.	16317.
#3	6334.8	125950.	16359.

Sample Name: 460-10920-b-28-a@4 Acquired: 3/6/2010 0:34:32 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**67790.**	**12.69**	**3.281**	**584.2**	**-.1196**	**7642.**
Stddev	76.	.24	.489	1.4	.0481	7.
%RSD	.1120	1.878	14.91	.2412	40.21	.0973
#1	67860.	12.59	3.196	584.0	-.1278	7647.
#2	67710.	12.96	2.839	582.9	-.0680	7646.
#3	67800.	12.52	3.807	585.7	-.1631	7634.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.597**	**57.35**	**110.2**	**104.2**	**119100.**	**27240.**
Stddev	.005	.08	1.0	2.4	662.	50.
%RSD	.2988	.1433	.9031	2.315	.5553	.1853
#1	1.592	57.31	110.9	101.7	119900.	27270.
#2	1.599	57.29	110.7	104.5	118600.	27180.
#3	1.601	57.44	109.1	106.5	118900.	27260.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-28-a@4 Acquired: 3/6/2010 0:34:32 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**25470.**	**1641.**	**575.2**	**96.89**	**48.02**	**.4682**
Stddev	136.	9.	14.0	.23	.85	.5044
%RSD	.5320	.5664	2.434	.2380	1.779	107.7
#1	25620.	1650.	590.0	96.98	48.75	.2722
#2	25350.	1640.	562.1	96.63	48.23	.0911
#3	25450.	1632.	573.5	97.06	47.08	1.041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.900**	**14.94**	**164.1**	**284.7**	**10.10**	**1.221**
Stddev	.455	.30	1.2	1.1	.09	.091
%RSD	23.96	2.014	.7112	.3768	.8660	7.432
#1	1.375	14.89	165.3	286.0	10.20	1.153
#2	2.133	14.67	164.0	284.0	10.07	1.324
#3	2.192	15.26	163.0	284.3	10.03	1.187
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-28-a@4 Acquired: 3/6/2010 0:34:32 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-11.98**	**28.39**	**6893.**
Stddev	.29	.11	36.
%RSD	2.394	.3892	.5188
#1	-12.31	28.46	6933.
#2	-11.77	28.44	6863.
#3	-11.86	28.26	6883.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6335.8**	**127170.**	**16515.**
Stddev	23.7	148.	12.
%RSD	.37329	.11620	.07170
#1	6343.4	127280.	16515.
#2	6354.7	127000.	16526.
#3	6309.3	127240.	16503.

Sample Name: 460-10920-b-29-a@4 Acquired: 3/6/2010 0:41:15 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**55420.**	**20.55**	**2.958**	**199.3**	**1.087**	**5019.**
Stddev	87.	.43	.288	1.0	.073	19.
%RSD	.1575	2.096	9.724	.5039	6.722	.3762
#1	55520.	21.04	2.800	200.1	1.167	5028.
#2	55380.	20.26	2.783	198.2	1.068	5031.
#3	55360.	20.34	3.290	199.5	1.024	4997.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.284**	**35.73**	**88.69**	**92.96**	**96590.**	**5113.**
Stddev	.048	.24	.31	1.19	570.	48.
%RSD	3.702	.6780	.3478	1.276	.5902	.9455
#1	1.236	36.00	88.94	93.97	97240.	5064.
#2	1.331	35.64	88.35	91.66	96220.	5114.
#3	1.284	35.54	88.79	93.26	96300.	5161.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-29-a@4 Acquired: 3/6/2010 0:41:15 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18070.**	**2068.**	**729.8**	**68.15**	**36.96**	**-.1220**
Stddev	110.	10.	2.0	.19	.33	.2635
%RSD	.6087	.4924	.2748	.2844	.8962	216.1
#1	18200.	2078.	727.6	68.37	36.71	-.1671
#2	18010.	2058.	730.1	68.11	37.34	.1612
#3	18010.	2068.	731.6	67.98	36.83	-.3600
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.004**	**4.158**	**116.2**	**211.4**	**8.181**	**3.554**
Stddev	.923	.653	.4	.5	.569	.122
%RSD	91.95	15.71	.3641	.2475	6.951	3.438
#1	.0030	4.101	115.9	212.0	7.775	3.565
#2	1.823	4.838	116.0	211.2	7.938	3.671
#3	1.187	3.535	116.6	211.0	8.831	3.427
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-29-a@4 Acquired: 3/6/2010 0:41:15 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-3.418**	**29.33**	**2732.**
Stddev	.056	.08	4.
%RSD	1.632	.2874	.1569
#1	-3.374	29.32	2728.
#2	-3.481	29.42	2737.
#3	-3.399	29.26	2732.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6520.5**	**129670.**	**16908.**
Stddev	5.3	701.	19.
%RSD	.08138	.54043	.11253
#1	6514.4	130450.	16921.
#2	6523.7	129480.	16918.
#3	6523.5	129090.	16886.

Sample Name: 460-10920-b-30-a@4 Acquired: 3/6/2010 0:48:05 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**62010.**	**22.52**	**3.047**	**194.3**	**1.445**	**4741.**
Stddev	77.	.35	.398	1.3	.068	14.
%RSD	.1240	1.545	13.07	.6582	4.687	.2875
#1	62050.	22.38	2.786	193.4	1.445	4743.
#2	62060.	22.91	2.850	193.8	1.377	4753.
#3	61920.	22.26	3.506	195.7	1.513	4726.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.246**	**37.86**	**71.52**	**85.92**	**99200.**	**5140.**
Stddev	.022	.29	.35	1.44	703.	16.
%RSD	1.776	.7753	.4924	1.682	.7083	.3149
#1	1.258	37.59	71.83	84.26	98650.	5127.
#2	1.220	37.83	71.61	86.90	98960.	5136.
#3	1.259	38.17	71.14	86.61	99990.	5158.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-30-a@4 Acquired: 3/6/2010 0:48:05 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18480.**	**1840.**	**292.7**	**69.86**	**41.62**	**.0082**
Stddev	115.	5.	7.0	.73	.35	.9381
%RSD	.6195	.2896	2.379	1.047	.8428	11430.
#1	18390.	1835.	288.2	69.30	41.32	.0020
#2	18440.	1846.	289.2	69.59	41.52	.9494
#3	18610.	1839.	300.7	70.69	42.01	-.9268
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.5867**	**2.603**	**118.0**	**209.4**	**9.843**	**1.813**
Stddev	1.508	.435	.1	1.5	.326	.183
%RSD	257.1	16.72	.0714	.7182	3.313	10.11
#1	-1.150	2.139	118.0	208.0	9.595	1.637
#2	1.574	3.002	118.1	209.3	9.722	2.003
#3	1.335	2.670	117.9	211.0	10.21	1.800
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-b-30-a@4 Acquired: 3/6/2010 0:48:05 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-1.870**	**27.46**	**2261.**
Stddev	.125	.02	12.
%RSD	6.703	.0838	.5364
#1	-2.008	27.49	2252.
#2	-1.763	27.44	2257.
#3	-1.839	27.46	2275.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6501.7**	**129550.**	**16887.**
Stddev	42.4	303.	20.
%RSD	.65141	.23404	.11749
#1	6539.9	129730.	16907.
#2	6509.1	129200.	16868.
#3	6456.1	129730.	16886.

Sample Name: 460-10927-a-1-a@20 Acquired: 3/6/2010 0:54:39 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**14950.**	**3.625**	**1.209**	**97.28**	**.8947**	**12960.**
Stddev	45.	.042	.284	.78	.0526	43.
%RSD	.3032	1.151	23.53	.8004	5.876	.3289
#1	14900.	3.587	1.443	98.00	.9323	12910.
#2	14960.	3.669	1.292	97.39	.8346	12970.
#3	14990.	3.618	.8924	96.46	.9172	13000.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3989**	**16.27**	**31.82**	**-1.253**	**32680.**	**1695.**
Stddev	.0583	.15	.14	.708	244.	22.
%RSD	14.61	.9403	.4279	56.54	.7466	1.285
#1	.3967	16.37	31.68	-.7987	32950.	1715.
#2	.4582	16.35	31.95	-2.069	32470.	1698.
#3	.3417	16.10	31.83	-.8908	32630.	1671.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10927-a-1-a@20 Acquired: 3/6/2010 0:54:39 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10760.**	**872.1**	**143.3**	**35.10**	**9.240**	**-.3241**
Stddev	85.	3.8	1.9	.45	.559	.5652
%RSD	.7853	.4337	1.351	1.282	6.052	174.4
#1	10860.	872.3	144.9	35.58	9.310	-.4376
#2	10710.	868.3	143.8	35.03	8.649	.2893
#3	10710.	875.8	141.1	34.69	9.761	-.8239
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.9620**	**.6039**	**36.26**	**62.97**	**8.646**	**.2962**
Stddev	1.121	.2946	.29	.64	.261	.1157
%RSD	116.5	48.79	.8009	1.018	3.019	39.04
#1	-2.156	.9173	36.35	63.57	8.808	.3103
#2	.0669	.5616	35.94	63.06	8.785	.1742
#3	-.7965	.3327	36.49	62.29	8.345	.4042
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10927-a-1-a@20 Acquired: 3/6/2010 0:54:39 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.2953**	**41.42**	**412.6**
Stddev	.3325	.14	2.8
%RSD	112.6	.3315	.6806
#1	-.0068	41.31	415.8
#2	-.6590	41.37	410.6
#3	-.2200	41.57	411.5
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6240.6**	**127090.**	**16222.**
Stddev	32.3	99.	72.
%RSD	.51724	.07810	.44585
#1	6205.4	127190.	16306.
#2	6247.5	127090.	16180.
#3	6268.8	126990.	16181.

Sample Name: 460-10927-a-2-a@10 Acquired: 3/6/2010 1:01:15 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**27440.**	**8.335**	**1.818**	**214.4**	**1.920**	**30670.**
Stddev	11.	.680	.346	1.0	.072	57.
%RSD	.0404	8.164	19.04	.4558	3.730	.1860
#1	27450.	8.759	1.816	213.3	1.848	30710.
#2	27450.	7.550	1.472	214.8	1.991	30710.
#3	27430.	8.695	2.164	215.1	1.921	30610.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.6725**	**29.90**	**62.92**	**36.90**	**59490.**	**4181.**
Stddev	.0472	.13	.37	3.27	206.	44.
%RSD	7.014	.4312	.5900	8.855	.3457	1.061
#1	.6949	29.85	62.49	34.38	59340.	4198.
#2	.7043	29.82	63.16	35.71	59420.	4216.
#3	.6183	30.05	63.11	40.59	59720.	4131.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10927-a-2-a@10 Acquired: 3/6/2010 1:01:15 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**21920.**	**1756.**	**273.1**	**67.09**	**19.78**	**.5373**
Stddev	72.	5.	17.9	.42	.17	.1342
%RSD	.3299	.2833	6.559	.6302	.8671	24.98
#1	21860.	1750.	273.8	66.71	19.86	.4503
#2	21900.	1757.	290.7	67.54	19.90	.4697
#3	22000.	1760.	254.9	67.03	19.59	.6918
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.024**	**-.1271**	**67.51**	**124.8**	**19.96**	**.4111**
Stddev	1.418	.7098	.38	.5	.30	.0720
%RSD	138.6	558.4	.5561	.3858	1.507	17.52
#1	.3068	-.1279	67.16	124.2	19.69	.4377
#2	-.8618	.5830	67.91	125.0	20.28	.3296
#3	-2.516	-.8365	67.45	125.2	19.92	.4661
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10927-a-2-a@10 Acquired: 3/6/2010 1:01:15 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.2068**	**106.7**	**778.7**
Stddev	.2045	.3	1.5
%RSD	98.86	.2547	.1890
#1	-.2780	106.8	777.6
#2	-.3662	106.8	778.1
#3	.0237	106.4	780.4
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6400.4**	**129430.**	**16630.**
Stddev	1.3	251.	35.
%RSD	.02096	.19357	.21334
#1	6402.0	129550.	16592.
#2	6399.6	129140.	16637.
#3	6399.7	129600.	16662.

Sample Name: 460-10927-a-3-a@10 Acquired: 3/6/2010 1:07:50 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**25890.**	**7.667**	**1.751**	**190.2**	**1.895**	**22060.**
Stddev	14.	1.326	.140	.4	.028	37.
%RSD	.0557	17.30	7.972	.2316	1.462	.1686
#1	25880.	8.344	1.638	190.3	1.894	22100.
#2	25900.	6.138	1.709	190.5	1.923	22040.
#3	25890.	8.517	1.907	189.7	1.867	22030.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.7078**	**30.46**	**54.80**	**2.142**	**58580.**	**3057.**
Stddev	.0460	.14	.21	2.591	222.	15.
%RSD	6.500	.4606	.3870	120.9	.3782	.5054
#1	.7525	30.52	54.74	.4713	58330.	3041.
#2	.7103	30.55	55.04	5.127	58740.	3072.
#3	.6606	30.30	54.63	.8287	58670.	3059.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10927-a-3-a@10 Acquired: 3/6/2010 1:07:50 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18510.**	**1602.**	**264.5**	**66.00**	**19.21**	**.5423**
Stddev	62.	3.	6.5	.22	.61	.8113
%RSD	.3373	.1910	2.442	.3274	3.189	149.6
#1	18440.	1600.	259.9	66.14	18.65	-.1164
#2	18560.	1600.	261.6	66.11	19.86	1.448
#3	18520.	1605.	271.9	65.75	19.12	.2949
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2010**	**-.6502**	**59.07**	**113.4**	**14.98**	**.6450**
Stddev	.4624	.3470	.18	.4	.31	.1785
%RSD	230.1	53.37	.3004	.3687	2.090	27.68
#1	-.7104	-.4131	58.87	113.8	15.11	.4671
#2	.1923	-1.048	59.22	113.4	15.20	.6439
#3	-.0849	-.4891	59.10	113.0	14.62	.8242
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10927-a-3-a@10 Acquired: 3/6/2010 1:07:50 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.2162**	**60.33**	**661.5**
Stddev	.1054	.12	1.9
%RSD	48.74	.1919	.2921
#1	-.2726	60.45	659.3
#2	-.0946	60.22	662.4
#3	-.2815	60.32	662.8
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6472.2**	**129610.**	**16789.**
Stddev	17.8	343.	54.
%RSD	.27574	.26484	.31890
#1	6492.5	129460.	16845.
#2	6465.4	130000.	16738.
#3	6458.8	129360.	16785.

Sample Name: CCV Acquired: 3/6/2010 1:14:26 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**126100.**	**2490.**	**1266.**	**10170.**	**1036.**	**124700.**
Stddev	505.	12.	5.	53.	5.	466.
%RSD	.4007	.4710	.3786	.5175	.4817	.3735
#1	126000.	2494.	1269.	10190.	1036.	124600.
#2	125600.	2476.	1268.	10110.	1031.	124200.
#3	126600.	2499.	1260.	10200.	1041.	125200.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1248.**	**2441.**	**5069.**	**12800.**	**98070.**	**48660.**
Stddev	6.	15.	12.	64.	470.	138.
%RSD	.5062	.6091	.2275	.4967	.4796	.2841
#1	1252.	2446.	5082.	12790.	97870.	48610.
#2	1241.	2424.	5066.	12740.	97740.	48550.
#3	1252.	2452.	5059.	12860.	98610.	48810.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/6/2010 1:14:26 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**125000.**	**5149.**	**126100.**	**2460.**	**7504.**	**1008.**
Stddev	530.	37.	503.	14.	37.	5.
%RSD	.4242	.7272	.3988	.5544	.4926	.5077
#1	125100.	5117.	126100.	2466.	7520.	1012.
#2	124400.	5139.	125600.	2444.	7462.	1002.
#3	125500.	5190.	126600.	2469.	7530.	1010.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2492.**	**2520.**	**2541.**	**2492.**	**1005.**	**2422.**
Stddev	11.	12.	7.	15.	5.	14.
%RSD	.4456	.4912	.2663	.5890	.4511	.5596
#1	2499.	2525.	2546.	2498.	1006.	2427.
#2	2479.	2506.	2543.	2475.	1000.	2407.
#3	2497.	2529.	2533.	2502.	1009.	2433.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/6/2010 1:14:26 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**957.1**	**5116.**	**9969.**
Stddev	6.2	50.	42.
%RSD	.6469	.9829	.4183
#1	958.0	5096.	9939.
#2	950.5	5078.	9951.
#3	962.8	5173.	10020.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5832.1**	**115670.**	**15752.**
Stddev	27.3	401.	107.
%RSD	.46834	.34702	.67648
#1	5836.7	115210.	15775.
#2	5856.9	115820.	15846.
#3	5802.8	115970.	15636.

Sample Name: CCB Acquired: 3/6/2010 1:21:33 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**40.95**	**1.911**	**.7756**	**4.569**	**.1882**	**40.92**
Stddev	3.44	.354	.0956	.799	.0454	10.04
%RSD	8.397	18.55	12.32	17.49	24.12	24.54
#1	40.96	1.966	.6782	5.489	.1866	29.37
#2	37.50	2.235	.8692	4.052	.1436	47.57
#3	44.38	1.532	.7795	4.166	.2344	45.81
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.5026**	**1.066**	**2.184**	**.1252**	**50.68**	**45.48**
Stddev	.0670	.145	.280	2.348	8.68	50.46
%RSD	13.33	13.62	12.83	1875.	17.12	110.9
#1	.5797	1.196	1.895	-.2383	41.39	-12.60
#2	.4587	.9094	2.455	-2.020	52.06	70.57
#3	.4694	1.091	2.202	2.634	58.57	78.48
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/6/2010 1:21:33 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**61.99**	**2.612**	**49.30**	**1.154**	**4.100**	**.9107**
Stddev	7.67	.262	16.45	.099	1.361	.3439
%RSD	12.37	10.04	33.37	8.569	33.20	37.76
#1	53.41	2.312	30.86	1.253	5.425	1.261
#2	68.17	2.725	62.47	1.055	2.705	.8968
#3	64.38	2.798	54.58	1.153	4.170	.5740
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.844**	**3.228**	**1.378**	**1.102**	**2.485**	**2.232**
Stddev	1.132	.781	.220	.106	.417	.458
%RSD	61.38	24.21	15.95	9.577	16.77	20.52
#1	.6540	3.921	1.331	1.224	2.953	2.761
#2	1.972	2.381	1.617	1.047	2.348	1.986
#3	2.907	3.384	1.185	1.035	2.153	1.950
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/6/2010 1:21:33 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.025**	**1.236**	**4.859**
Stddev	.197	.309	.430
%RSD	19.18	25.01	8.846
#1	1.196	.9665	4.363
#2	.8103	1.168	5.094
#3	1.069	1.573	5.119
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6192.8**	**125940.**	**15936.**
Stddev	59.4	518.	28.
%RSD	.95989	.41104	.17691
#1	6181.3	126050.	15906.
#2	6140.0	126400.	15961.
#3	6257.2	125380.	15941.

Sample Name: 460-10927-a-4-a@10 Acquired: 3/6/2010 1:28:12 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10810.**	**6.409**	**1.472**	**88.27**	**3.033**	**149100.**
Stddev	15.	.509	.222	.52	.018	218.
%RSD	.1408	7.938	15.06	.5872	.6098	.1461
#1	10800.	6.977	1.530	88.10	3.039	148900.
#2	10790.	6.252	1.227	87.85	3.013	149400.
#3	10820.	5.997	1.658	88.85	3.048	149000.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.650**	**40.64**	**23.51**	**52.88**	**53440.**	**1259.**
Stddev	.005	.16	.03	.69	353.	6.
%RSD	.3017	.4058	.1250	1.311	.6603	.4896
#1	1.648	40.76	23.48	52.37	53210.	1261.
#2	1.656	40.45	23.53	52.60	53270.	1264.
#3	1.647	40.71	23.53	53.67	53850.	1252.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10927-a-4-a@10 Acquired: 3/6/2010 1:28:12 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**89240.**	**1445.**	**931.2**	**50.66**	**39.32**	**.8112**
Stddev	1003.	5.	12.3	.10	.88	.6009
%RSD	1.123	.3435	1.319	.1946	2.226	74.07
#1	88260.	1439.	930.4	50.76	38.49	.1188
#2	89200.	1448.	919.2	50.57	40.23	1.196
#3	90270.	1448.	943.8	50.64	39.25	1.118
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0910**	**-.1563**	**31.91**	**349.8**	**4.845**	**1.236**
Stddev	.2927	.5395	.38	1.2	.208	.208
%RSD	321.7	345.1	1.192	.3317	4.285	16.81
#1	-.0431	.4656	31.63	350.9	5.079	1.057
#2	.1749	-.4985	32.34	348.6	4.776	1.464
#3	-.4047	-.4361	31.76	349.9	4.681	1.187
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10927-a-4-a@10 Acquired: 3/6/2010 1:28:12 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.2569**	**49.51**	**344.8**
Stddev	.1978	.24	2.0
%RSD	77.01	.4783	.5710
#1	.2168	49.31	343.8
#2	.4716	49.77	343.5
#3	.0821	49.44	347.1
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6209.3**	**124820.**	**16624.**
Stddev	16.3	369.	34.
%RSD	.26320	.29561	.20618
#1	6214.1	125040.	16596.
#2	6222.8	124400.	16662.
#3	6191.1	125030.	16614.

Sample Name: 460-10920-d-31-b Acquired: 3/6/2010 1:34:57 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11.08**	**-.1567**	**.2045**	**.1248**	**-.0617**	**125.7**
Stddev	11.40	.8972	.2779	.0820	.0696	10.4
%RSD	103.0	572.7	135.8	65.65	112.7	8.288
#1	-1.958	.6273	.1737	.2192	.0186	117.3
#2	15.97	.0379	-.0566	.0833	-.1007	122.6
#3	19.21	-1.135	.4965	.0720	-.1031	137.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0405**	**-.0215**	**.2242**	**2.533**	**16.04**	**31.62**
Stddev	.0160	.0963	.1080	5.134	3.34	8.52
%RSD	39.56	448.4	48.15	202.7	20.81	26.95
#1	-.0279	-.0839	.1053	8.078	13.35	39.29
#2	-.0351	-.0699	.2514	1.577	14.99	33.11
#3	-.0586	.0894	.3160	-2.056	19.77	22.45
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-d-31-b Acquired: 3/6/2010 1:34:57 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**35.36**	**.7235**	**243.2**	**.1943**	**.4573**	**-.1470**
Stddev	4.49	.0871	2.9	.2099	.3539	.5081
%RSD	12.69	12.04	1.189	108.0	77.38	345.7
#1	30.76	.6231	243.8	.0087	.6386	-.5650
#2	35.59	.7796	240.0	.1521	.0495	-.2945
#3	39.73	.7679	245.7	.4221	.6837	.4186
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.4269**	**.7874**	**.4083**	**7.627**	**3.088**	**.2783**
Stddev	1.007	.4731	.1897	.075	.127	.0778
%RSD	235.9	60.08	46.45	.9780	4.104	27.95
#1	.0954	.8521	.3438	7.696	2.943	.3464
#2	-1.588	.2853	.6218	7.548	3.174	.1936
#3	.2115	1.225	.2592	7.637	3.148	.2950
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10920-d-31-b Acquired: 3/6/2010 1:34:57 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.6024**	**.2265**	**.3693**
Stddev	.2541	.0739	.0545
%RSD	42.18	32.61	14.75
#1	.8370	.3078	.3128
#2	.6378	.1634	.4216
#3	.3325	.2084	.3736
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6280.6**	**126680.**	**16144.**
Stddev	36.9	287.	37.
%RSD	.58735	.22639	.22975
#1	6259.5	126460.	16145.
#2	6259.0	126570.	16106.
#3	6323.2	127010.	16180.

Sample Name: 460-10785-c-12-c Acquired: 3/6/2010 1:41:35 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**9.538**	**.0445**	**-.0278**	**-.0969**	**-.0508**	**122.6**
Stddev	4.204	1.037	.2769	.0331	.0296	8.3
%RSD	44.07	2332.	995.3	34.12	58.21	6.754
#1	12.97	.4094	-.3303	-.1347	-.0737	114.1
#2	10.80	.8495	.2133	-.0730	-.0174	130.6
#3	4.849	-1.125	.0335	-.0831	-.0613	122.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0898**	**-.1366**	**.2592**	**.3626**	**2.005**	**70.52**
Stddev	.0309	.0492	.1566	1.601	2.150	12.39
%RSD	34.38	36.03	60.43	441.6	107.2	17.57
#1	-.1137	-.1784	.3037	.7104	-.0770	84.38
#2	-.0549	-.0823	.0852	1.761	4.218	66.68
#3	-.1008	-.1492	.3888	-1.384	1.875	60.50
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10785-c-12-c Acquired: 3/6/2010 1:41:35 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6.020**	**.2210**	**80.07**	**.1237**	**.1997**	**1.054**
Stddev	1.767	.0679	3.50	.1783	.3836	.844
%RSD	29.35	30.73	4.369	144.2	192.1	80.01
#1	4.246	.1444	77.91	.2939	-.1837	1.967
#2	6.033	.2447	78.19	.1389	.5836	.8912
#3	7.780	.2739	84.10	-.0618	.1992	.3042
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1445**	**.7811**	**.1138**	**6.344**	**3.247**	**.0884**
Stddev	.5872	.6690	.1273	.030	.211	.0492
%RSD	406.2	85.65	111.9	.4794	6.487	55.64
#1	.3372	1.113	.0747	6.362	3.028	.1313
#2	.6112	1.220	.2561	6.362	3.264	.0347
#3	-.5147	.0111	.0106	6.309	3.449	.0992
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10785-c-12-c Acquired: 3/6/2010 1:41:35 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3769**	**.1294**	**.1546**
Stddev	.3590	.0320	.0991
%RSD	95.26	24.73	64.12
#1	-.0353	.1450	.0443
#2	.6214	.1506	.2364
#3	.5447	.0926	.1831
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6276.0**	**127050.**	**16111.**
Stddev	13.3	393.	44.
%RSD	.21209	.30933	.27025
#1	6291.4	126640.	16061.
#2	6268.0	127100.	16141.
#3	6268.7	127420.	16130.

Sample Name: 460-10889-d-1-b Acquired: 3/6/2010 1:48:13 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6942.**	**2.476**	**1.858**	**296.7**	**.4975**	**54670.**
Stddev	4.	.394	.207	2.5	.0255	81.
%RSD	.0582	15.90	11.13	.8512	5.131	.1484
#1	6943.	2.505	2.095	299.6	.4692	54700.
#2	6938.	2.854	1.763	295.7	.5043	54570.
#3	6947.	2.069	1.715	294.9	.5189	54730.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3062**	**5.899**	**11.30**	**19.83**	**25090.**	**8519.**
Stddev	.0359	.147	.14	2.85	220.	20.
%RSD	11.73	2.495	1.202	14.38	.8766	.2357
#1	.2971	6.041	11.44	22.91	25340.	8522.
#2	.2758	5.747	11.29	17.28	24970.	8537.
#3	.3459	5.909	11.17	19.29	24960.	8497.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-1-b Acquired: 3/6/2010 1:48:13 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**27390.**	**435.2**	**147600.**	**7.060**	**8.088**	**.1269**
Stddev	251.	.9	1143.	.218	.382	.1498
%RSD	.9152	.2077	.7743	3.091	4.722	118.1
#1	27680.	435.7	148400.	7.310	8.332	.0786
#2	27270.	434.1	146300.	6.913	7.648	.0072
#3	27220.	435.7	148200.	6.956	8.284	.2949
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.8971**	**.4065**	**11.82**	**23.18**	**41.77**	**.1191**
Stddev	.3679	.3677	.25	.17	.56	.1499
%RSD	41.01	90.44	2.138	.7174	1.347	125.9
#1	-.6630	.8266	11.80	23.35	42.18	.1154
#2	-1.321	.2499	11.57	23.17	42.01	-.0289
#3	-.7072	.1431	12.08	23.01	41.13	.2709
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-1-b Acquired: 3/6/2010 1:48:13 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.0578**	**411.8**	**148.5**
Stddev	.1968	.7	1.5
%RSD	340.3	.1685	.9823
#1	.1051	412.0	149.8
#2	-.0020	411.0	146.9
#3	-.2766	412.3	148.6
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6109.7**	**122450.**	**16149.**
Stddev	48.8	167.	28.
%RSD	.79944	.13659	.17067
#1	6055.8	122310.	16120.
#2	6122.2	122400.	16175.
#3	6151.0	122630.	16153.

Sample Name: 460-10889-d-2-b Acquired: 3/6/2010 1:54:57 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1484.**	**1.317**	**1.093**	**292.0**	**.1087**	**29080.**
Stddev	13.	.810	.239	1.9	.0100	120.
%RSD	.8953	61.54	21.92	.6547	9.198	.4127
#1	1469.	2.220	1.261	291.3	.0985	28950.
#2	1488.	1.077	.8184	294.2	.1185	29100.
#3	1495.	.6535	1.198	290.6	.1090	29190.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0938**	**25.54**	**2.834**	**-.2288**	**6374.**	**3822.**
Stddev	.0217	.25	.283	.9275	23.	24.
%RSD	23.16	.9940	10.00	405.4	.3674	.6189
#1	.0884	25.77	3.120	-.0388	6369.	3794.
#2	.1177	25.58	2.830	.5890	6399.	3836.
#3	.0753	25.27	2.553	-1.237	6353.	3835.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-2-b Acquired: 3/6/2010 1:54:57 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19060.**	**367.8**	**81150.**	**2.356**	**2.832**	**-.4084**
Stddev	57.	1.2	306.	.155	.216	.9668
%RSD	.3006	.3394	.3774	6.574	7.615	236.7
#1	19040.	369.0	80840.	2.428	3.081	.6049
#2	19130.	368.0	81170.	2.462	2.698	-1.321
#3	19020.	366.5	81450.	2.178	2.718	-.5091
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.5687**	**.5177**	**2.771**	**9.596**	**78.39**	**.0191**
Stddev	1.490	.6638	.333	.071	.73	.0683
%RSD	262.0	128.2	12.01	.7355	.9345	358.2
#1	1.115	.2498	2.833	9.637	77.75	-.0388
#2	-1.105	.0297	3.068	9.638	79.19	.0945
#3	-1.716	1.274	2.411	9.515	78.24	.0016
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-2-b Acquired: 3/6/2010 1:54:57 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1851**	**231.3**	**31.58**
Stddev	.1852	.9	1.68
%RSD	100.1	.3959	5.317
#1	.0498	230.3	30.73
#2	.1093	231.4	33.52
#3	.3962	232.1	30.51
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6227.6**	**122190.**	**16124.**
Stddev	25.9	361.	103.
%RSD	.41613	.29581	.64075
#1	6244.2	121920.	16213.
#2	6197.8	122040.	16149.
#3	6241.0	122600.	16011.

Sample Name: 460-10889-d-4-b Acquired: 3/6/2010 2:01:33 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1006.**	**3.426**	**.8756**	**250.7**	**-.0671**	**43390.**
Stddev	9.	.899	.3865	2.7	.0390	87.
%RSD	.8506	26.25	44.14	1.083	58.04	.2015
#1	1000.	2.964	1.293	249.4	-.0837	43290.
#2	1001.	4.462	.8022	248.8	-.0226	43450.
#3	1015.	2.851	.5310	253.8	-.0951	43430.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0517**	**2.708**	**1.699**	**.4535**	**6533.**	**4514.**
Stddev	.0154	.085	.266	4.596	74.	38.
%RSD	29.73	3.150	15.67	1014.	1.138	.8383
#1	.0600	2.646	1.531	-3.280	6521.	4484.
#2	.0339	2.674	1.560	-.9465	6466.	4501.
#3	.0611	2.806	2.006	5.587	6613.	4557.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-4-b Acquired: 3/6/2010 2:01:33 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**13710.**	**487.1**	**108000.**	**1.014**	**2.603**	**.7945**
Stddev	149.	1.0	225.	.172	.217	1.268
%RSD	1.086	.2065	.2083	16.90	8.328	159.6
#1	13670.	486.7	107800.	.9269	2.593	2.210
#2	13590.	486.3	108200.	.9045	2.824	.4140
#3	13880.	488.2	108100.	1.212	2.391	-.2401
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.9168**	**.3302**	**2.408**	**6.239**	**43.20**	**.9202**
Stddev	.9950	.1877	.266	.111	.12	.1391
%RSD	108.5	56.85	11.04	1.776	.2768	15.12
#1	-2.056	.2789	2.110	6.169	43.08	.7722
#2	-.2186	.5383	2.620	6.181	43.20	.9402
#3	-.4755	.1735	2.493	6.367	43.32	1.048
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-4-b Acquired: 3/6/2010 2:01:33 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1021**	**314.3**	**20.33**
Stddev	.2660	.6	.93
%RSD	260.5	.2027	4.552
#1	.1445	313.6	19.92
#2	-.1825	314.7	19.68
#3	.3444	314.7	21.39
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6016.1**	**120310.**	**16020.**
Stddev	59.5	439.	42.
%RSD	.98880	.36482	.26525
#1	6052.6	120780.	16069.
#2	6048.3	119920.	15994.
#3	5947.5	120220.	15997.

Sample Name: 460-10889-d-5-b Acquired: 3/6/2010 2:08:10 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2244.**	**1.164**	**.4322**	**89.29**	**-.0416**	**18880.**
Stddev	24.	.526	.2614	.25	.0103	53.
%RSD	1.090	45.21	60.48	.2820	24.73	.2794
#1	2258.	1.571	.2570	89.22	-.0340	18890.
#2	2258.	1.350	.7326	89.09	-.0533	18940.
#3	2216.	.5698	.3070	89.57	-.0374	18830.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1018**	**.7199**	**3.401**	**-.0066**	**2702.**	**2927.**
Stddev	.0760	.0704	.211	2.484	3.	47.
%RSD	74.65	9.781	6.212	37420.	.1214	1.603
#1	.0294	.6388	3.548	-1.744	2701.	2965.
#2	.0952	.7654	3.495	-1.114	2699.	2943.
#3	.1810	.7555	3.159	2.838	2705.	2875.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-5-b Acquired: 3/6/2010 2:08:10 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4896.**	**14.35**	**112300.**	**4.115**	**3.503**	**1.429**
Stddev	3.	.15	221.	.142	.310	1.371
%RSD	.0675	1.076	.1970	3.443	8.848	95.91
#1	4893.	14.26	112200.	3.963	3.268	.9031
#2	4899.	14.26	112600.	4.140	3.387	2.986
#3	4895.	14.53	112200.	4.243	3.854	.3997
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.384**	**.1694**	**4.722**	**46.29**	**14.32**	**2.025**
Stddev	1.028	.4797	.320	.20	.26	.066
%RSD	74.31	283.2	6.779	.4391	1.818	3.276
#1	-.6265	-.1614	4.615	46.11	14.61	2.098
#2	-.9707	.7195	5.082	46.27	14.25	2.005
#3	-2.555	-.0499	4.469	46.51	14.10	1.970
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-5-b Acquired: 3/6/2010 2:08:10 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.2331**	**106.6**	**48.93**
Stddev	.1942	.1	.71
%RSD	83.32	.0995	1.460
#1	.3457	106.5	48.18
#2	.0088	106.7	49.01
#3	.3447	106.6	49.60
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6023.9**	**120820.**	**15736.**
Stddev	15.9	550.	53.
%RSD	.26441	.45509	.33923
#1	6032.4	120800.	15781.
#2	6033.7	121380.	15677.
#3	6005.5	120280.	15751.

Sample Name: 460-10889-d-6-b Acquired: 3/6/2010 2:14:47 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**9.269**	**.8473**	**.4587**	**4.304**	**-.0454**	**522.9**
Stddev	1.933	.6145	.0564	.098	.0133	11.6
%RSD	20.85	72.52	12.29	2.271	29.26	2.213
#1	11.25	.9848	.4804	4.410	-.0396	509.5
#2	7.384	1.381	.5011	4.286	-.0360	529.9
#3	9.176	.1757	.3947	4.217	-.0606	529.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0282**	**.0072**	**.3502**	**.9140**	**-.9973**	**199.7**
Stddev	.0266	.1082	.1180	2.012	1.150	22.7
%RSD	94.20	1505.	33.70	220.1	115.3	11.36
#1	-.0214	.0414	.3133	3.186	-2.036	201.3
#2	-.0576	-.1140	.4822	.1959	-1.193	176.2
#3	-.0057	.0941	.2549	-.6402	.2376	221.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-6-b Acquired: 3/6/2010 2:14:47 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**330.2**	**.3216**	**636.6**	**.3113**	**.4556**	**.3557**
Stddev	1.9	.0348	17.0	.0262	.6800	.8855
%RSD	.5828	10.81	2.670	8.406	149.3	248.9
#1	331.1	.3320	622.5	.3013	-.3125	1.298
#2	331.6	.2828	631.7	.3409	.9811	.2297
#3	328.0	.3499	655.4	.2916	.6982	-.4600
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4175**	**.4942**	**.1066**	**2.677**	**5.148**	**.0563**
Stddev	1.142	.1173	.0968	.035	.264	.1647
%RSD	273.5	23.74	90.82	1.310	5.123	292.6
#1	-.8783	.3811	.0153	2.665	5.427	.1211
#2	.8540	.6154	.0963	2.717	5.114	-.1309
#3	1.277	.4861	.2082	2.650	4.903	.1787
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-6-b Acquired: 3/6/2010 2:14:47 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3368**	**2.300**	**-.0778**
Stddev	.2685	.199	.0843
%RSD	79.72	8.655	108.4
#1	.2848	2.260	-.1312
#2	.0981	2.124	-.1216
#3	.6275	2.516	.0194
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6286.0**	**127810.**	**16189.**
Stddev	30.1	551.	53.
%RSD	.47835	.43074	.32438
#1	6275.2	127970.	16221.
#2	6262.8	127200.	16219.
#3	6319.9	128270.	16129.

Sample Name: 460-10889-d-7-b Acquired: 3/6/2010 2:21:24 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1121.**	**1.062**	**.5892**	**85.06**	**.2260**	**10760.**
Stddev	11.	.211	.5479	1.06	.0353	40.
%RSD	1.020	19.83	92.99	1.243	15.61	.3689
#1	1134.	1.027	1.195	85.39	.2194	10720.
#2	1113.	.8712	.4440	83.87	.2641	10760.
#3	1115.	1.288	.1285	85.91	.1944	10800.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1028**	**3.594**	**2.007**	**.0020**	**849.6**	**774.0**
Stddev	.0477	.016	.199	2.024	.6	18.1
%RSD	46.42	.4471	9.906	100100.	.0650	2.334
#1	.1278	3.581	1.966	-2.227	850.0	791.2
#2	.0478	3.612	2.223	.5055	850.0	775.6
#3	.1328	3.589	1.832	1.727	849.0	755.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-7-b Acquired: 3/6/2010 2:21:24 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7010.**	**169.1**	**14940.**	**7.782**	**2.470**	**.6411**
Stddev	32.	.4	60.	.138	.454	.0392
%RSD	.4618	.2539	.4015	1.775	18.39	6.114
#1	7009.	168.8	14880.	7.934	2.732	.6848
#2	6978.	169.0	14940.	7.664	1.945	.6295
#3	7043.	169.6	15000.	7.748	2.733	.6090
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.129**	**.7763**	**2.325**	**28.68**	**217.8**	**-.0268**
Stddev	.880	.6548	.373	.35	2.2	.0739
%RSD	77.98	84.35	16.05	1.227	1.010	275.5
#1	-.1235	1.379	1.947	28.82	218.2	-.0876
#2	-1.501	.0796	2.694	28.28	215.5	.0554
#3	-1.762	.8702	2.335	28.94	219.8	-.0483
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-7-b Acquired: 3/6/2010 2:21:24 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.2155**	**97.69**	**21.17**
Stddev	.0900	.61	.29
%RSD	41.78	.6200	1.384
#1	.3166	97.01	21.16
#2	.1442	97.89	20.88
#3	.1855	98.17	21.47
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6262.7**	**124090.**	**16060.**
Stddev	36.8	400.	111.
%RSD	.58760	.32260	.68952
#1	6256.1	124330.	16126.
#2	6302.3	124310.	16122.
#3	6229.6	123630.	15932.

Sample Name: 460-10889-d-8-b Acquired: 3/6/2010 2:28:01 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3227.**	**2.834**	**5.732**	**456.4**	**.0128**	**55600.**
Stddev	9.	.984	.083	2.0	.0168	235.
%RSD	.2813	34.70	1.447	.4454	131.4	.4234
#1	3234.	2.890	5.797	457.7	-.0061	55830.
#2	3216.	1.824	5.760	457.4	.0186	55600.
#3	3229.	3.789	5.638	454.0	.0260	55360.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3457**	**3.163**	**4.273**	**26.22**	**31290.**	**6614.**
Stddev	.0091	.161	.202	2.46	88.	49.
%RSD	2.638	5.103	4.719	9.393	.2814	.7338
#1	.3413	3.255	4.496	27.30	31190.	6670.
#2	.3397	3.257	4.221	27.95	31320.	6579.
#3	.3562	2.976	4.103	23.40	31360.	6595.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-8-b Acquired: 3/6/2010 2:28:01 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**32520.**	**527.5**	**96690.**	**2.843**	**7.016**	**.0465**
Stddev	46.	1.7	402.	.100	.338	.6975
%RSD	.1412	.3300	.4153	3.529	4.823	1499.
#1	32480.	529.4	97100.	2.956	7.114	.8516
#2	32500.	526.9	96670.	2.764	7.296	-.3768
#3	32570.	526.1	96290.	2.810	6.640	-.3352
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.8177**	**-.3603**	**5.883**	**21.50**	**46.14**	**-.1200**
Stddev	.4315	.8806	.103	.15	.31	.0207
%RSD	52.77	244.4	1.756	.6753	.6745	17.24
#1	-1.110	-.5304	5.940	21.59	46.34	-.1438
#2	-1.021	.5930	5.945	21.58	45.78	-.1064
#3	-.3221	-1.143	5.764	21.33	46.29	-.1099
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-8-b Acquired: 3/6/2010 2:28:01 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3393**	**439.5**	**69.07**
Stddev	.3627	1.7	.78
%RSD	106.9	.3810	1.136
#1	.1371	441.2	69.97
#2	.1227	439.5	68.72
#3	.7580	437.9	68.53
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6006.2**	**119260.**	**15811.**
Stddev	2.1	652.	30.
%RSD	.03486	.54644	.19100
#1	6006.9	118530.	15800.
#2	6003.8	119490.	15787.
#3	6007.8	119770.	15845.

Sample Name: CCV Acquired: 3/6/2010 2:34:38 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**126200.**	**2462.**	**1258.**	**10090.**	**1016.**	**127300.**
Stddev	129.	16.	1.	63.	1.	167.
%RSD	.1020	.6598	.0999	.6258	.1266	.1314
#1	126200.	2444.	1259.	10020.	1017.	127500.
#2	126000.	2469.	1259.	10110.	1015.	127200.
#3	126300.	2475.	1257.	10140.	1016.	127400.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1239.**	**2445.**	**5027.**	**12630.**	**98280.**	**49890.**
Stddev	9.	14.	6.	12.	404.	69.
%RSD	.7044	.5788	.1249	.0960	.4113	.1391
#1	1230.	2429.	5027.	12640.	97900.	49970.
#2	1242.	2451.	5034.	12620.	98700.	49840.
#3	1247.	2456.	5021.	12620.	98250.	49870.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/6/2010 2:34:38 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**122600.**	**5203.**	**127500.**	**2452.**	**7493.**	**999.5**
Stddev	563.	49.	180.	16.	44.	5.3
%RSD	.4593	.9506	.1408	.6574	.5828	.5277
#1	122100.	5147.	127500.	2434.	7444.	993.4
#2	123300.	5240.	127300.	2456.	7511.	1003.
#3	122500.	5221.	127700.	2466.	7525.	1002.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2473.**	**2512.**	**2535.**	**2492.**	**1002.**	**2411.**
Stddev	16.	15.	2.	15.	5.	15.
%RSD	.6659	.6055	.0786	.6186	.5343	.6402
#1	2455.	2495.	2536.	2474.	996.0	2393.
#2	2478.	2522.	2535.	2497.	1004.	2418.
#3	2487.	2520.	2532.	2504.	1006.	2422.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/6/2010 2:34:38 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**961.7**	**5159.**	**9889.**
Stddev	5.8	9.	6.
%RSD	.6032	.1785	.0620
#1	955.0	5163.	9882.
#2	964.4	5148.	9891.
#3	965.6	5165.	9894.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5786.9**	**115630.**	**15325.**
Stddev	9.8	197.	24.
%RSD	.16965	.17054	.15458
#1	5796.3	115400.	15346.
#2	5776.7	115760.	15331.
#3	5787.9	115720.	15299.

Sample Name: CCB Acquired: 3/6/2010 2:41:46 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3138**	**-.0624**	**.3280**	**-.1325**	**-.0507**	**.3493**
Stddev	13.18	.8819	.5002	.0834	.0239	9.769
%RSD	4200.	1414.	152.5	62.95	47.05	2797.
#1	-14.53	.8011	-.1050	-.1547	-.0450	4.945
#2	4.826	-.0267	.8755	-.2025	-.0769	6.973
#3	10.65	-.9615	.2133	-.0402	-.0302	-10.87
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0308**	**-.0135**	**.0030**	**-2.220**	**-.9507**	**33.34**
Stddev	.0347	.1209	.0582	2.629	.9003	15.23
%RSD	112.5	893.9	1915.	118.4	94.70	45.68
#1	-.0370	-.1429	.0315	-4.722	.0067	25.35
#2	.0065	.0060	-.0639	.5203	-1.780	23.76
#3	-.0621	.0964	.0416	-2.458	-1.078	50.90
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/6/2010 2:41:46 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-4.690**	**-.0387**	**29.71**	**.1347**	**-.0438**	**.6374**
Stddev	1.054	.0329	5.30	.0168	.4108	.6628
%RSD	22.47	85.10	17.86	12.48	938.7	104.0
#1	-3.885	-.0334	24.05	.1327	-.5179	1.388
#2	-5.882	-.0087	30.51	.1190	.1788	.3910
#3	-4.302	-.0739	34.56	.1525	.2078	.1332
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.6203**	**1.734**	**.4001**	**.0281**	**2.101**	**1.199**
Stddev	.4340	.326	.0978	.0933	.334	.298
%RSD	69.96	18.81	24.44	331.5	15.92	24.88
#1	-1.113	1.848	.2893	.0045	2.461	1.537
#2	-.2947	1.987	.4742	-.0510	2.042	.9741
#3	-.4533	1.366	.4370	.1309	1.800	1.085
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/6/2010 2:41:46 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3457**	**.0502**	**.3595**
Stddev	.0367	.0536	.1376
%RSD	10.60	106.6	38.27
#1	.3699	-.0114	.3563
#2	.3637	.0855	.2235
#3	.3035	.0766	.4986
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6187.8**	**124470.**	**15805.**
Stddev	22.5	258.	21.
%RSD	.36370	.20765	.13057
#1	6209.9	124680.	15791.
#2	6188.6	124540.	15829.
#3	6164.9	124180.	15797.

Sample Name: 460-10889-d-9-b Acquired: 3/6/2010 2:48:24 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**859.1**	**2.480**	**1.792**	**464.2**	**-.0661**	**38510.**
Stddev	16.4	.831	.209	.9	.0340	648.
%RSD	1.908	33.52	11.68	.1859	51.41	1.683
#1	862.7	2.449	1.552	464.3	-.0359	38090.
#2	873.5	1.665	1.885	465.0	-.0595	39260.
#3	841.3	3.327	1.939	463.3	-.1029	38190.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3013**	**3.835**	**1.684**	**-3.469**	**25950.**	**4308.**
Stddev	.0511	.148	.182	1.798	57.	105.
%RSD	16.96	3.867	10.79	51.83	.2211	2.445
#1	.2926	3.998	1.894	-5.503	25930.	4266.
#2	.2551	3.799	1.590	-2.811	26020.	4427.
#3	.3562	3.708	1.569	-2.092	25910.	4230.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-9-b Acquired: 3/6/2010 2:48:24 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**31950.**	**1574.**	**86400.**	**1.439**	**3.687**	**.0944**
Stddev	75.	9.	1381.	.076	.556	.9223
%RSD	.2358	.5443	1.598	5.256	15.09	977.3
#1	31980.	1575.	85500.	1.378	3.125	.1711
#2	32010.	1582.	87990.	1.415	3.699	-.8639
#3	31860.	1565.	85710.	1.523	4.237	.9759
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0309**	**-.6416**	**2.487**	**4.624**	**38.54**	**.4534**
Stddev	2.473	.4642	.524	.060	.44	.1239
%RSD	8010.	72.35	21.06	1.303	1.141	27.32
#1	.9371	-.1376	2.124	4.572	38.45	.5926
#2	1.811	-.7354	3.088	4.690	39.02	.4123
#3	-2.841	-1.052	2.250	4.612	38.15	.3553
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-9-b Acquired: 3/6/2010 2:48:24 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.2429**	**358.9**	**14.59**
Stddev	.2514	6.1	.29
%RSD	103.5	1.706	1.991
#1	.1541	355.1	14.57
#2	.0479	365.9	14.31
#3	.5266	355.6	14.89
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6050.0**	**120160.**	**15657.**
Stddev	4.4	481.	209.
%RSD	.07302	.39998	1.3364
#1	6049.8	119970.	15799.
#2	6045.7	119800.	15416.
#3	6054.6	120710.	15755.

Sample Name: 460-10889-d-10-b Acquired: 3/6/2010 2:54:59 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2457.**	**2.380**	**5.309**	**442.9**	**.0338**	**55060.**
Stddev	11.	1.979	.483	1.4	.0536	56.
%RSD	.4559	83.14	9.101	.3105	158.7	.1018
#1	2453.	4.632	5.863	441.4	-.0099	55040.
#2	2447.	1.588	4.976	443.4	.0176	55020.
#3	2469.	.9198	5.088	444.0	.0935	55120.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3280**	**2.818**	**3.632**	**21.93**	**29350.**	**6497.**
Stddev	.0306	.065	.060	2.98	154.	44.
%RSD	9.328	2.306	1.651	13.59	.5235	.6748
#1	.3248	2.760	3.564	25.24	29180.	6547.
#2	.3601	2.888	3.678	21.11	29400.	6475.
#3	.2992	2.805	3.653	19.45	29470.	6468.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-10-b Acquired: 3/6/2010 2:54:59 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**31770.**	**516.1**	**95100.**	**3.026**	**6.388**	**-.3594**
Stddev	148.	2.5	109.	.162	.098	.9620
%RSD	.4643	.4797	.1147	5.353	1.537	267.7
#1	31600.	518.9	95040.	3.213	6.484	-1.074
#2	31850.	514.1	95030.	2.930	6.288	.7344
#3	31870.	515.3	95220.	2.935	6.391	-.7386
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0934**	**.4156**	**4.706**	**17.21**	**46.06**	**.0255**
Stddev	1.434	.5565	.112	.09	.31	.1925
%RSD	1535.	133.9	2.383	.5452	.6705	753.8
#1	-.5051	-.1274	4.577	17.15	45.76	.2469
#2	1.730	.9847	4.762	17.16	46.03	-.1026
#3	-.9445	.3894	4.780	17.32	46.38	-.0677
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-10-b Acquired: 3/6/2010 2:54:59 Type: Unk
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1226**	**433.5**	**54.09**
Stddev	.0514	.7	.71
%RSD	41.87	.1674	1.316
#1	.1538	433.3	54.87
#2	.0634	433.0	53.48
#3	.1507	434.4	53.92
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5974.8**	**119040.**	**15628.**
Stddev	32.3	518.	48.
%RSD	.54141	.43553	.30679
#1	6010.4	118460.	15587.
#2	5966.8	119460.	15681.
#3	5947.2	119210.	15617.

Sample Name: ICSA 371312 Acquired: 3/6/2010 3:01:34 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**515500.**	**-4.959**	**2.437**	**1.191**	**-.1961**	**518400.**
Stddev	7574.	2.120	.232	.038	.0320	3949.
%RSD	1.469	42.76	9.520	3.196	16.33	.7619
#1	513400.	-5.170	2.487	1.221	-.1987	520500.
#2	523900.	-2.740	2.640	1.148	-.2267	520700.
#3	509100.	-6.965	2.184	1.204	-.1629	513800.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.354**	**2.370**	**-.4513**	**1.630**	**190400.**	**-110.3**
Stddev	.080	.158	.0978	1.895	710.	2.4
%RSD	3.409	6.659	21.67	116.3	.3728	2.206
#1	2.271	2.304	-.3489	3.203	190700.	-107.9
#2	2.360	2.550	-.5438	2.159	191000.	-112.7
#3	2.431	2.256	-.4613	-.4734	189600.	-110.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/6/2010 3:01:34 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**492100.**	**2.327**	**83.97**	**1.541**	**-4.012**	**1.849**
Stddev	2066.	.013	1.87	.115	1.691	.777
%RSD	.4198	.5602	2.231	7.486	42.14	42.03
#1	489800.	2.314	86.10	1.548	-2.567	1.065
#2	492800.	2.326	82.60	1.652	-3.598	2.619
#3	493800.	2.340	83.21	1.422	-5.872	1.864
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.061**	**2.017**	**1.928**	**-1.187**	**4.150**	**-2.229**
Stddev	2.817	1.071	.460	.260	.424	.187
%RSD	136.7	53.09	23.88	21.92	10.22	8.368
#1	5.306	3.253	2.430	-1.058	4.292	-2.020
#2	.6252	1.409	1.830	-1.486	3.674	-2.379
#3	.2505	1.388	1.525	-1.016	4.486	-2.287
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/6/2010 3:01:34 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3093**	**-8.098**	**-2.689**
Stddev	.4303	.069	.046
%RSD	139.1	.8561	1.719
#1	.4430	-8.098	-2.637
#2	.6568	-8.167	-2.727
#3	-.1720	-8.028	-2.703
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5667.5**	**109650.**	**15345.**
Stddev	8.6	633.	153.
%RSD	.15170	.57706	.99685
#1	5671.3	109030.	15254.
#2	5657.7	109640.	15258.
#3	5673.6	110300.	15521.

Sample Name: ICSAB 371336 Acquired: 3/6/2010 3:08:31 Type: QC
Method: SW846O2102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**508100.**	**94.84**	**110.9**	**104.3**	**100.6**	**496800.**
Stddev	7668.	4.05	2.8	2.9	.9	5419.
%RSD	1.509	4.274	2.538	2.805	.8807	1.091
#1	514800.	93.57	107.7	103.2	101.5	502900.
#2	509800.	91.57	113.1	102.0	100.5	495200.
#3	499700.	99.38	111.9	107.6	99.76	492400.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**99.92**	**96.40**	**101.3**	**100.8**	**191600.**	**9868.**
Stddev	2.93	2.75	3.0	2.8	3574.	86.
%RSD	2.932	2.855	2.948	2.800	1.865	.8764
#1	98.71	95.18	98.70	102.4	189200.	9967.
#2	97.79	94.47	104.6	97.55	189900.	9819.
#3	103.3	99.55	100.7	102.5	195700.	9816.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/6/2010 3:08:31 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**499900.**	**104.6**	**10470.**	**95.96**	**92.01**	**100.1**
Stddev	8899.	3.3	95.	2.84	.86	2.6
%RSD	1.780	3.129	.9073	2.963	.9329	2.623
#1	494800.	101.6	10570.	94.60	92.49	97.59
#2	494600.	108.1	10460.	94.05	91.01	99.78
#3	510100.	104.3	10380.	99.23	92.51	102.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**101.0**	**97.08**	**104.9**	**99.00**	**102.9**	**95.43**
Stddev	3.8	1.88	3.1	3.45	2.1	2.78
%RSD	3.743	1.933	2.985	3.488	2.019	2.914
#1	99.95	96.30	102.0	97.49	102.0	94.22
#2	97.92	95.72	108.2	96.56	101.3	93.46
#3	105.2	99.22	104.6	103.0	105.2	98.61
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/6/2010 3:08:31 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**97.67**	**91.03**	**99.03**
Stddev	2.98	.86	1.95
%RSD	3.053	.9423	1.972
#1	96.99	91.95	97.69
#2	95.09	90.88	98.12
#3	100.9	90.26	101.3
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5602.3**	**108440.**	**15632.**
Stddev	116.0	2860.	109.
%RSD	2.0700	2.6376	.69550
#1	5652.1	111180.	15533.
#2	5685.1	105470.	15615.
#3	5469.8	108680.	15748.

Sample Name: CCV Acquired: 3/6/2010 3:15:30 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**125400.**	**2500.**	**1245.**	**10220.**	**1026.**	**124600.**
Stddev	389.	56.	3.	224.	2.	428.
%RSD	.3099	2.257	.2133	2.194	.2287	.3437
#1	125800.	2470.	1248.	10110.	1028.	125000.
#2	125400.	2465.	1242.	10070.	1025.	124500.
#3	125000.	2565.	1246.	10480.	1024.	124100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1257.**	**2463.**	**5019.**	**12690.**	**98110.**	**48920.**
Stddev	28.	54.	23.	34.	1536.	104.
%RSD	2.195	2.176	.4503	.2644	1.566	.2123
#1	1243.	2439.	5044.	12730.	97240.	49010.
#2	1239.	2427.	5014.	12680.	97200.	48940.
#3	1289.	2525.	5000.	12670.	99880.	48800.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/6/2010 3:15:30 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**124800.**	**5115.**	**126000.**	**2482.**	**7558.**	**1010.**
Stddev	2383.	9.	300.	54.	161.	22.
%RSD	1.910	.1681	.2380	2.189	2.127	2.203
#1	123300.	5121.	126300.	2456.	7478.	999.9
#2	123500.	5105.	126000.	2446.	7452.	994.7
#3	127500.	5118.	125700.	2545.	7743.	1036.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2507.**	**2533.**	**2512.**	**2514.**	**1008.**	**2435.**
Stddev	54.	52.	7.	56.	22.	55.
%RSD	2.160	2.047	.2757	2.223	2.222	2.239
#1	2480.	2507.	2520.	2487.	997.2	2408.
#2	2472.	2499.	2507.	2478.	992.9	2400.
#3	2570.	2593.	2510.	2579.	1034.	2498.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/6/2010 3:15:30 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**964.6**	**5056.**	**10030.**
Stddev	21.4	38.	170.
%RSD	2.218	.7553	1.700
#1	955.0	5056.	9924.
#2	949.8	5093.	9930.
#3	989.1	5017.	10220.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5789.7**	**116090.**	**15650.**
Stddev	101.4	318.	61.
%RSD	1.7509	.27407	.38793
#1	5843.8	115740.	15624.
#2	5852.5	116370.	15607.
#3	5672.7	116160.	15720.

Sample Name: CCB Acquired: 3/6/2010 3:22:39 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8.425**	**2.004**	**.4844**	**3.957**	**-.0160**	**3.602**
Stddev	9.647	1.071	.2613	2.988	.0569	15.57
%RSD	114.5	53.44	53.94	75.51	356.2	432.3
#1	8.878	1.076	.6701	.7787	.0318	20.12
#2	17.84	3.176	.1856	4.384	-.0009	1.493
#3	-1.440	1.760	.5975	6.709	-.0789	-10.81
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4363**	**.9557**	**.2439**	**-.6714**	**4.449**	**21.15**
Stddev	.3803	.5236	.3206	4.920	3.694	61.53
%RSD	87.18	54.79	131.4	732.8	83.03	290.9
#1	.0008	.3831	.5518	-1.659	3.984	4.437
#2	.6047	1.074	.2679	4.667	8.355	-30.29
#3	.7033	1.410	-.0880	-5.022	1.010	89.31
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/6/2010 3:22:39 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

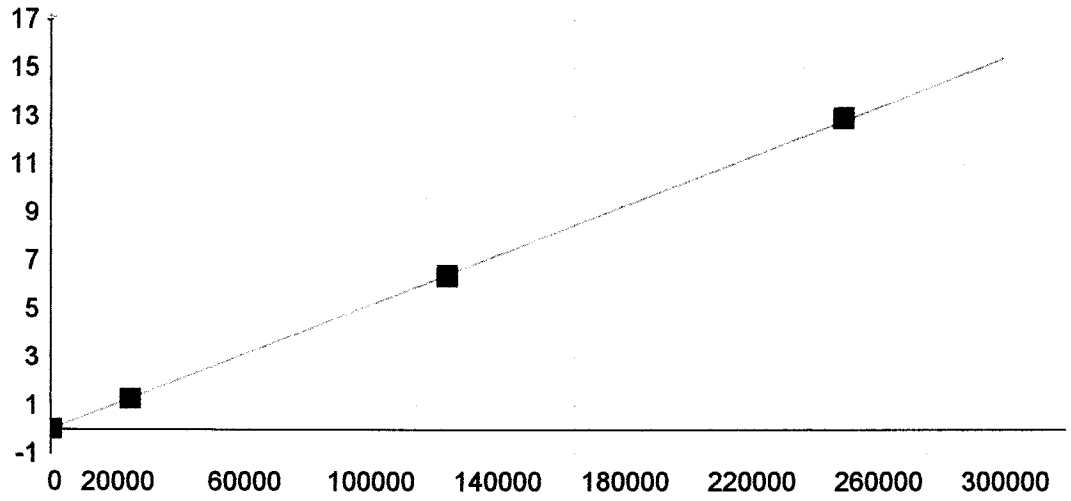
Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.737**	**.2487**	**53.93**	**1.076**	**3.872**	**1.114**
Stddev	2.099	.0067	4.49	.669	2.392	.977
%RSD	76.69	2.687	8.332	62.20	61.77	87.68
#1	.5730	.2524	49.65	.3541	1.143	.4343
#2	4.764	.2527	58.61	1.197	4.865	.6745
#3	2.874	.2410	53.52	1.676	5.606	2.234
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.5339**	**2.982**	**.4153**	**.9582**	**2.203**	**2.136**
Stddev	1.051	.563	.2438	.7062	.323	.469
%RSD	196.9	18.88	58.70	73.70	14.64	21.98
#1	-.6689	2.593	.1804	.1809	2.167	1.658
#2	1.277	2.725	.3983	1.133	1.901	2.154
#3	.9937	3.627	.6672	1.560	2.543	2.597
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/6/2010 3:22:39 Type: QC
Method: SW84602102010(v13) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.7502**	**.3895**	**.8018**
Stddev	.2238	.1682	.0918
%RSD	29.84	43.19	11.44
#1	.5012	.2712	.8353
#2	.9347	.3153	.6981
#3	.8147	.5821	.8722
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6143.9**	**122810.**	**15421.**
Stddev	33.1	148.	33.
%RSD	.53919	.12033	.21187
#1	6137.8	122670.	15457.
#2	6179.7	122800.	15392.
#3	6114.3	122960.	15415.

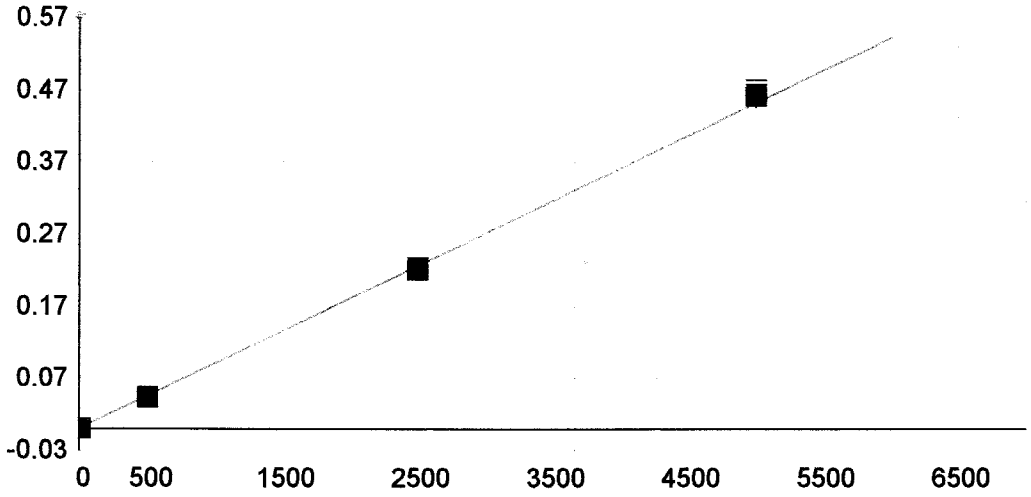


Al 396.152 { 85}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000405	Re-Slope:	1.000000
A1 (Gain):	0.000051	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999969	Status:	OK.
Std Error of Est:	0.000147		
Predicted MDL:	9.476833		
Predicted MQL:	31.589442		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00297	-.003	.000	-.00041	.000	1
DCAL1	200.00	206.17	6.17	3.09	.01018	.000	1
DCAL2	25000.	24690.	-310.	-1.24	1.2662	.003	1
DCAL3	125000.	123800.	-1200.	-.959	6.3508	.035	1
DCAL4	250000.	251500.	1500.	.601	12.902	.032	1

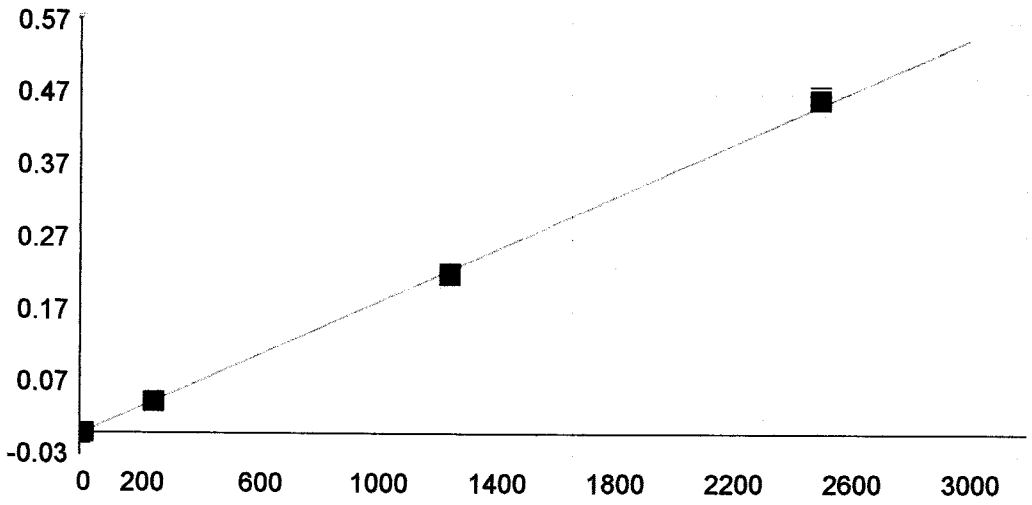


As 189.042 {478}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000098	Re-Slope:	1.000000
A1 (Gain):	0.000090	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999638	Status:	OK.
Std Error of Est:	0.000020		
Predicted MDL:	0.994276		
Predicted MQL:	3.314254		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00020	.000	.000	-.00010	.000	1
DCAL1	5.0000	5.1350	.135	2.70	.00036	.000	1
DCAL2	500.00	470.12	-29.9	-5.98	.04182	.001	1
DCAL3	2500.0	2430.9	-69.1	-2.76	.21675	.004	1
DCAL4	5000.0	5098.8	98.8	1.98	.45502	.009	1

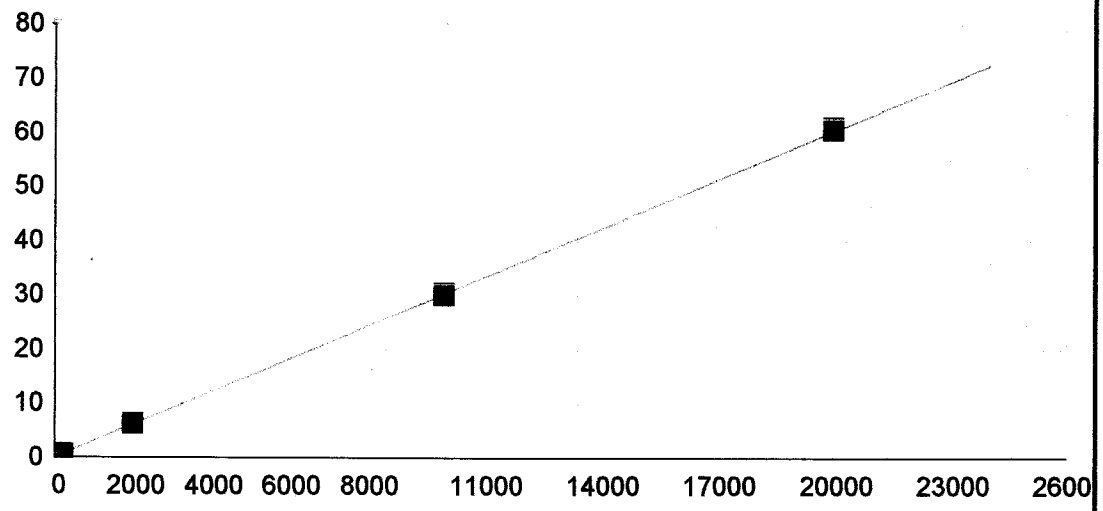


Ag 328.068 {103}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001236	Re-Slope:	1.000000
A1 (Gain):	0.000182	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999732	Status:	OK.
Std Error of Est:	0.000034		
Predicted MDL:	0.377338		
Predicted MQL:	1.257793		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00029	.000	.000	-.00124	.000	1
DCAL1	10.000	10.123	.123	1.23	.00060	.000	1
DCAL2	250.00	242.59	-7.41	-2.96	.04224	.000	1
DCAL3	1250.0	1213.2	-36.8	-2.94	.21618	.002	1
DCAL4	2500.0	2544.1	44.1	1.76	.45502	.005	1

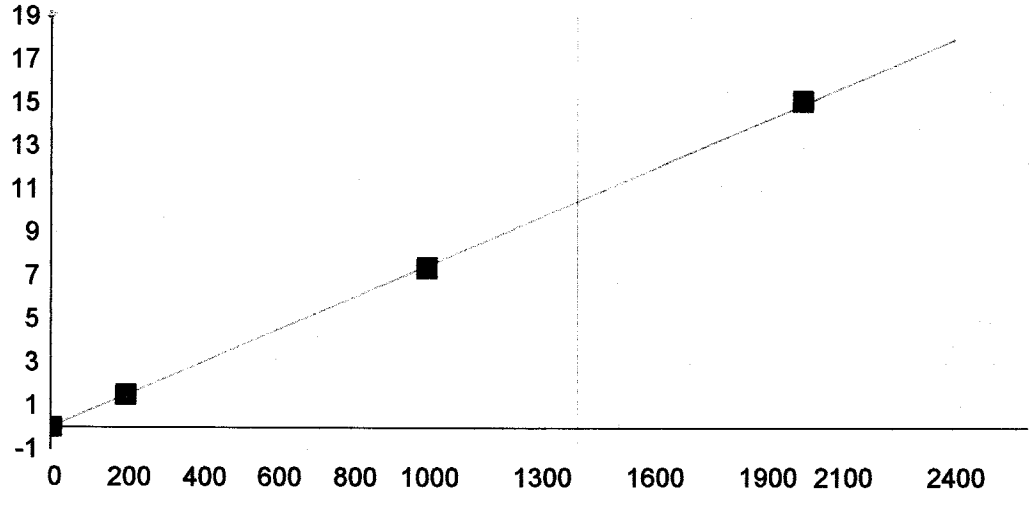


Ba 233.527 {445}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003162	Re-Slope:	1.000000
A1 (Gain):	0.003014	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999949	Status:	OK.
Std Error of Est:	0.003152		
Predicted MDL:	0.072709		
Predicted MQL:	0.242364		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01858	-.019	.000	.00311	.000	1
DCAL1	200.00	217.83	17.8	8.91	.65877	.004	1
DCAL2	2000.0	2022.5	22.5	1.12	6.0897	.139	1
DCAL3	10000.	9890.4	-110.	-1.10	29.767	.527	1
DCAL4	20000.	20069.	69.3	.347	60.400	.558	1

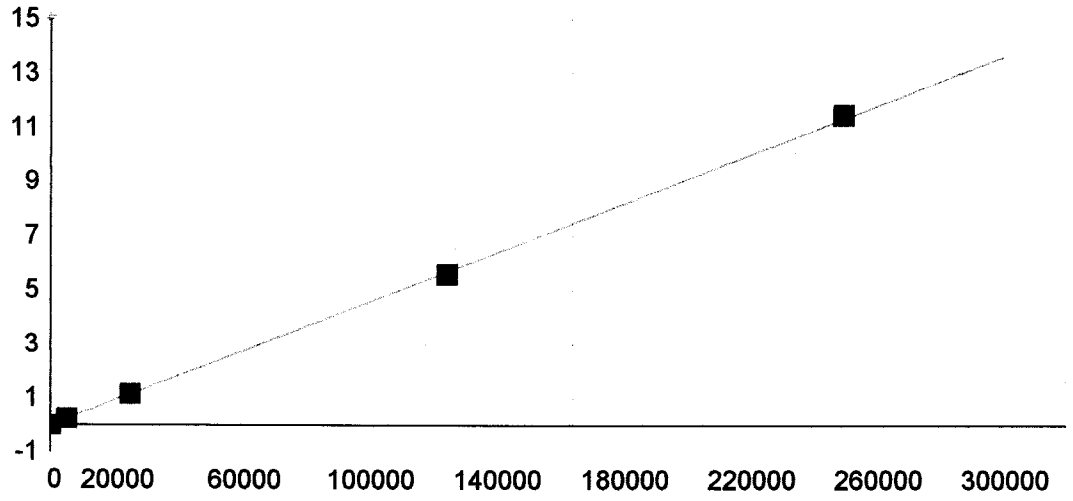


Be 313.042 {108}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001362	Re-Slope:	1.000000
A1 (Gain):	0.007475	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999933	Status:	OK.
Std Error of Est:	0.000282		
Predicted MDL:	0.042961		
Predicted MQL:	0.143204		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00000	.000	.000	-.00136	.000	1
DCAL1	2.0000	2.0223	.022	1.12	.01374	.000	1
DCAL2	200.00	198.98	-1.02	-.508	1.4816	.008	1
DCAL3	1000.0	983.56	-16.4	-1.64	7.3287	.041	1
DCAL4	2000.0	2017.4	17.4	.872	15.035	.040	1

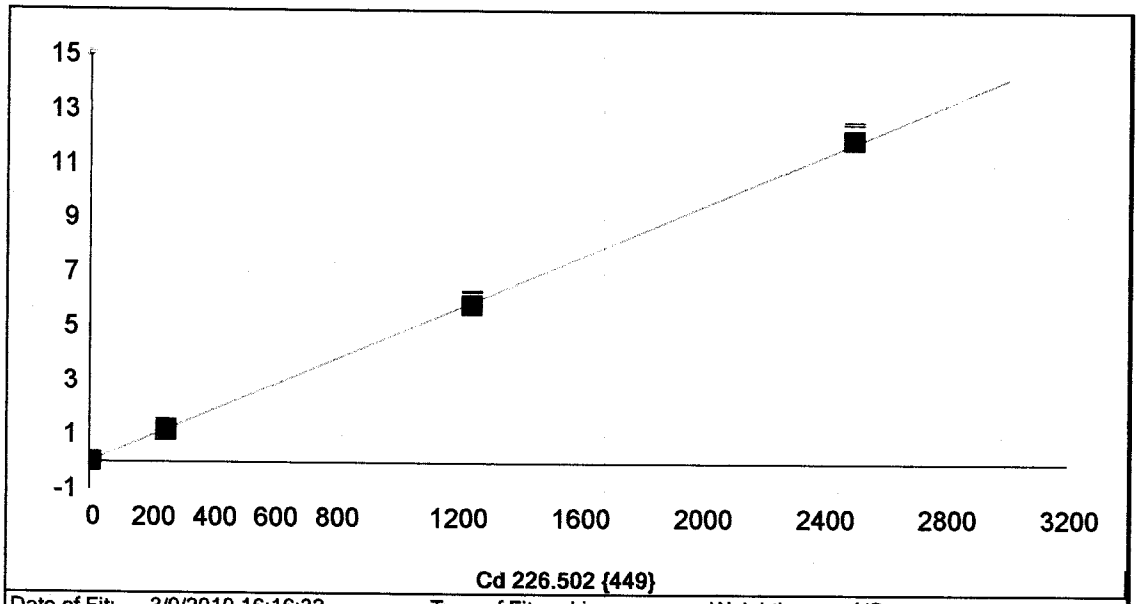


Ca 422.673 { 80}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.010050	Re-Slope:	1.000000
A1 (Gain):	0.000045	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999895	Status:	OK.
Std Error of Est:	0.001207		
Predicted MDL:	10.207603		
Predicted MQL:	34.025342		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.07022	-.070	.000	-.01005	.000	1
DCAL1	5000.0	5140.2	140.	2.80	.22323	.001	1
DCAL2	25000.	24917.	-82.8	-.331	1.1208	.007	1
DCAL3	125000.	122390.	-2610.	-2.09	5.5441	.033	1
DCAL4	250000.	252560.	2560.	1.02	11.452	.011	1

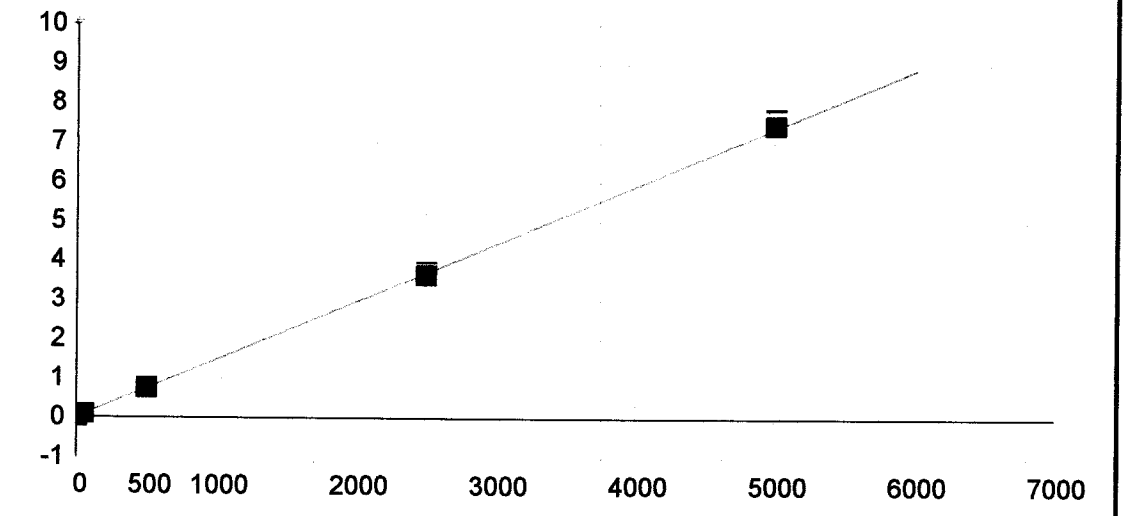


Cd 226.502 {449}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000571	Re-Slope:	1.000000
A1 (Gain):	0.004722	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999931	Status:	OK.
Std Error of Est:	0.000290		
Predicted MDL:	0.045908		
Predicted MQL:	0.153027		

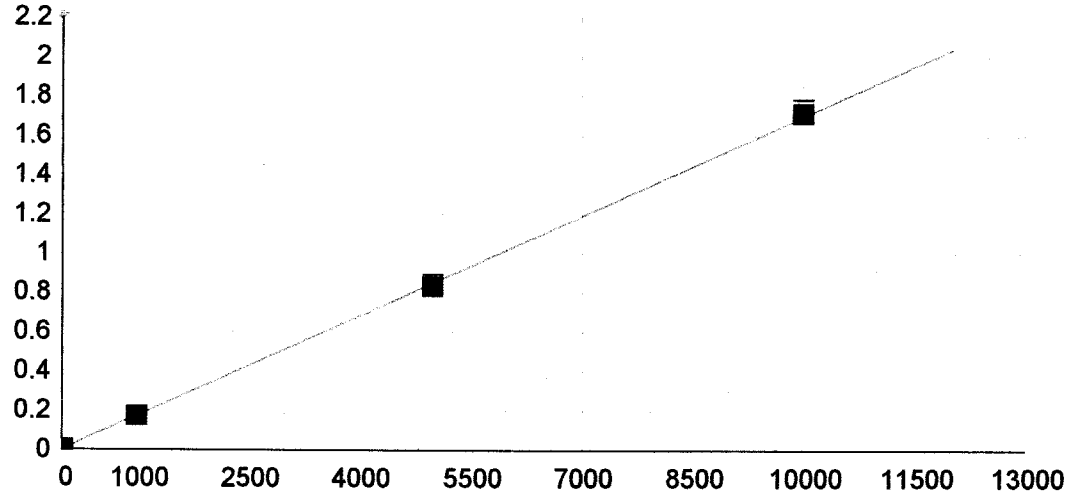
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00020	.000	.000	-.00057	.000	1
DCAL1	4.0000	4.2953	.295	7.38	.01978	.000	1
DCAL2	250.00	245.79	-4.21	-1.68	1.1688	.027	1
DCAL3	1250.0	1231.6	-18.4	-1.47	5.8586	.105	1
DCAL4	2500.0	2522.4	22.4	.894	11.997	.228	1



Co 228.616 {447}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000491		Re-Slope:	1.000000	
A1 (Gain):	0.001476		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999920		Status:	OK.	
Std Error of Est:	0.000486				
Predicted MDL:	0.139173				
Predicted MQL:	0.463911				

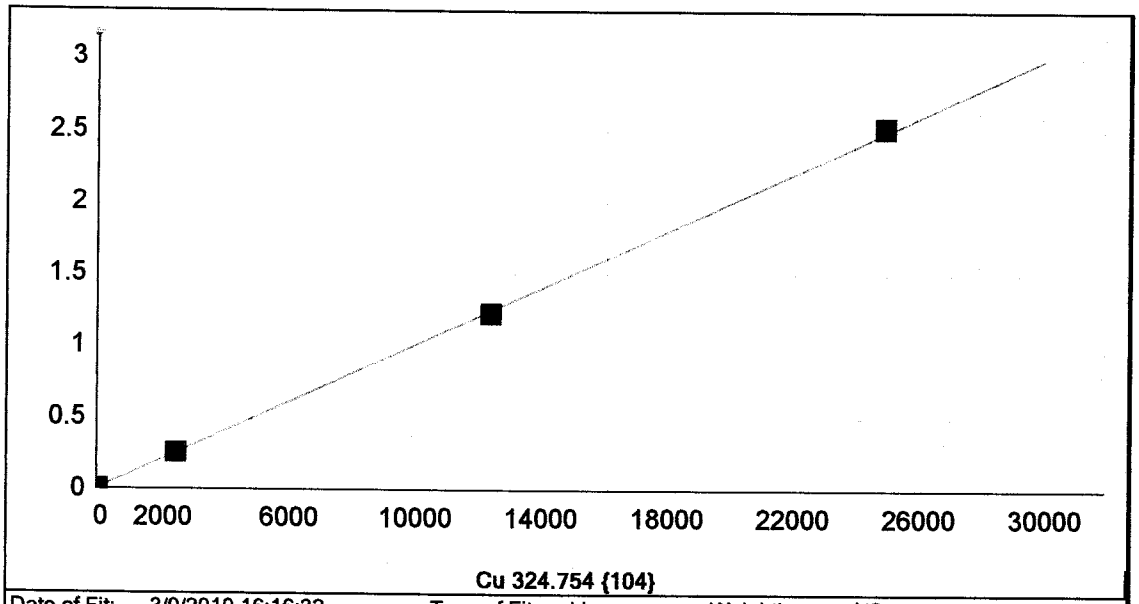
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00376	-.004	.000	-.00050	.000	1
DCAL1	50.000	54.072	4.07	8.14	.07929	.001	1
DCAL2	500.00	501.65	1.65	.331	.74392	.014	1
DCAL3	2500.0	2458.1	-41.9	-1.68	3.6475	.069	1
DCAL4	5000.0	5036.2	36.2	.724	7.4726	.149	1



Cr 267.716 {126}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000086		Re-Slope:	1.000000	
A1 (Gain):	0.000170		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999921		Status:	OK.	
Std Error of Est:	0.000035				
Predicted MDL:	0.277550				
Predicted MQL:	0.925168				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00073	-.001	.000	.00009	.000	1
DCAL1	10.000	10.802	.802	8.02	.00192	.000	1
DCAL2	1000.0	1002.4	2.38	.238	.17029	.001	1
DCAL3	5000.0	4908.3	-91.7	-1.83	.83352	.006	1
DCAL4	10000.	10088.	88.5	.885	1.7131	.021	1

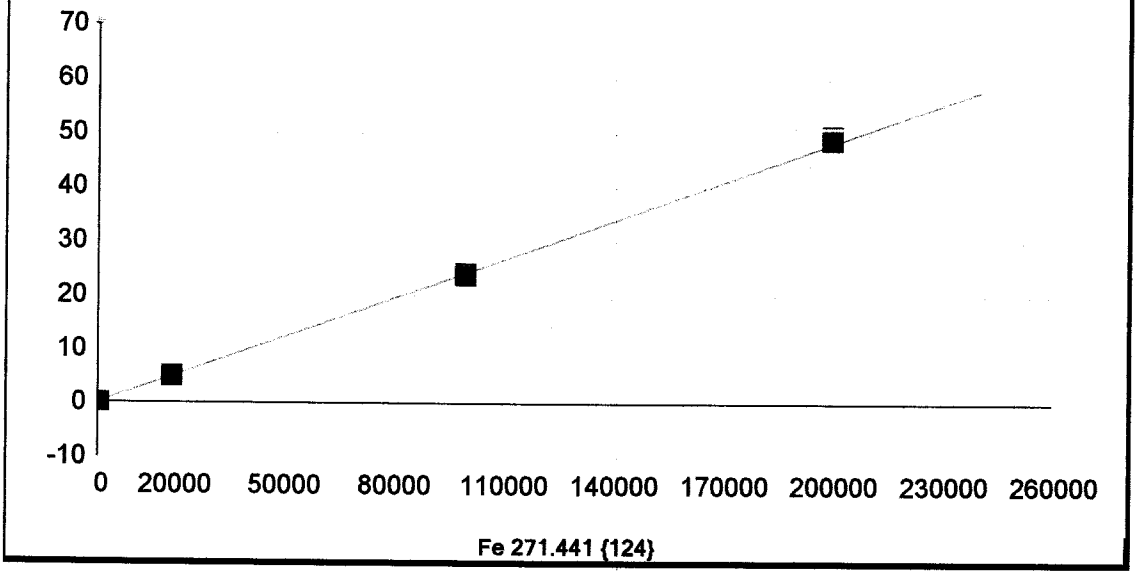


Cu 324.754 {104}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000566	Re-Slope:	1.000000
A1 (Gain):	0.000099	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999880	Status:	OK.
Std Error of Est:	0.000063		
Predicted MDL:	2.764106		
Predicted MQL:	9.213686		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00512	-.005	.000	.00057	.000	1
DCAL1	25.000	30.337	5.34	21.3	.00358	.000	1
DCAL2	2500.0	2506.1	6.12	.245	.24925	.001	1
DCAL3	12500.	12232.	-268.	-2.15	1.2143	.007	1
DCAL4	25000.	25257.	257.	1.03	2.5068	.007	1

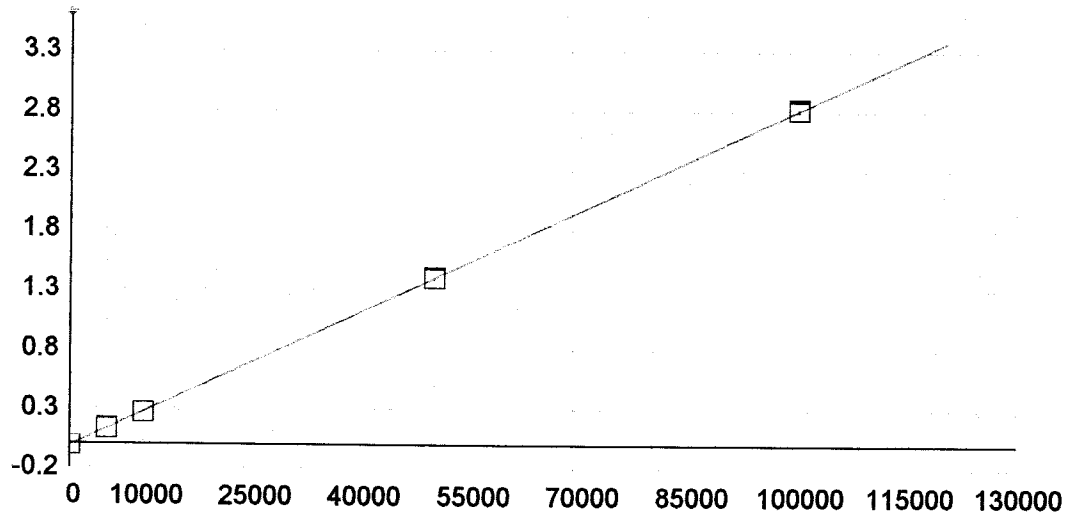


Fe 271.441 {124}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000913	Re-Slope:	1.000000
A1 (Gain):	0.000241	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999904	Status:	OK.
Std Error of Est:	0.000944		
Predicted MDL:	4.829978		
Predicted MQL:	16.099928		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01402	-.014	.000	-.00092	.001	1
DCAL1	150.00	166.08	16.1	10.7	.03986	.001	1
DCAL2	20000.	19914.	-85.5	-.428	4.8023	.074	1
DCAL3	100000.	98033.	-1970.	-1.97	23.644	.367	1
DCAL4	200000.	202040.	2040.	1.02	48.728	.876	1

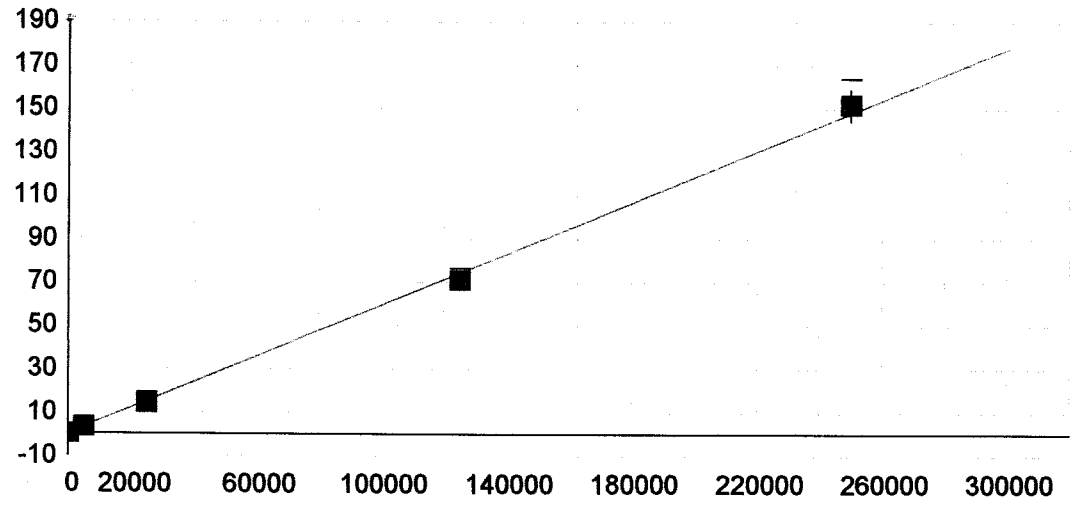


K 766.490 { 44}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.017295	Re-Slope:	1.000000
A1 (Gain):	0.000028	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999988	Status:	OK.
Std Error of Est:	0.000164		
Predicted MDL:	37.169806		
Predicted MQL:	123.899354		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.07005	-.070	.000	-.01730	.001	1
DCAL1	5000.0	5123.0	123.	2.46	.12743	.001	1
DCAL2	10000.	9902.7	-97.3	-.973	.26245	.000	1
DCAL3	50000.	49940.	-59.5	-.119	1.3935	.006	1
DCAL4	100000.	100030.	33.8	.034	2.8086	.009	1

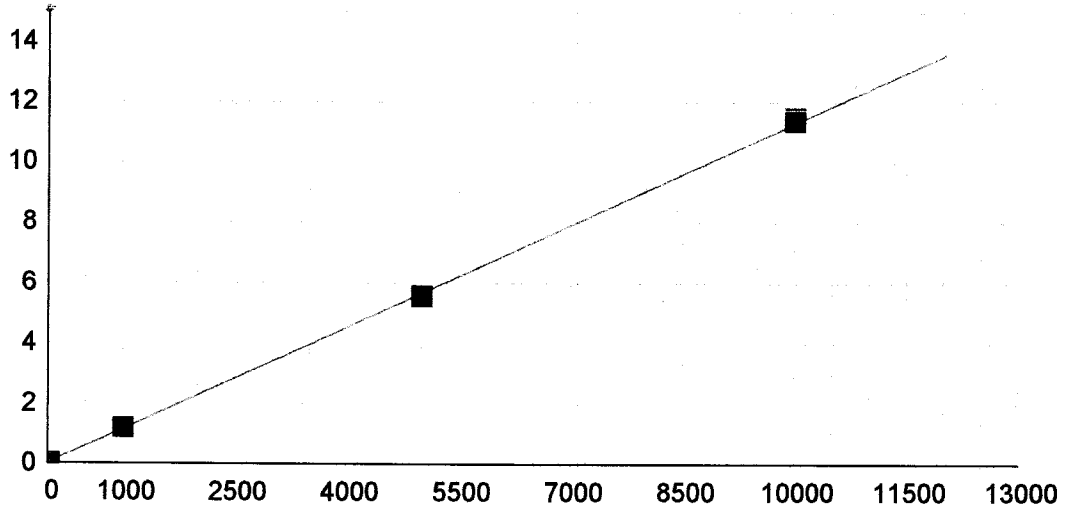


Mg 279.079 {121}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000485	Re-Slope:	1.000000
A1 (Gain):	0.000593	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999497	Status:	OK.
Std Error of Est:	0.034521		
Predicted MDL:	1.913663		
Predicted MQL:	6.378878		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.19875	.199	.000	.00060	.001	1
DCAL1	5000.0	5069.5	69.5	1.39	3.0065	.022	1
DCAL2	25000.	24106.	-894.	-3.58	14.292	.239	1
DCAL3	125000.	119700.	-5300.	-4.24	70.967	.897	1
DCAL4	250000.	256120.	6120.	2.45	151.85	7.31	1

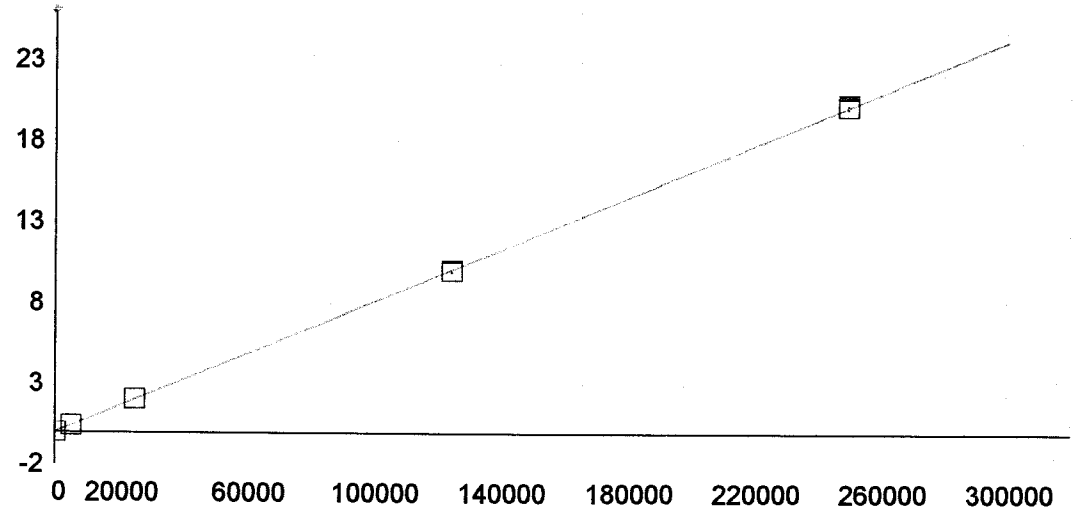


Mn 257.610 {131}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000131	Re-Slope:	1.000000
A1 (Gain):	0.001130	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999878	Status:	OK.
Std Error of Est:	0.000352		
Predicted MDL:	0.037182		
Predicted MQL:	0.123941		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00209	-.002	.000	.00013	.000	1
DCAL1	15.000	16.670	1.67	11.1	.01906	.000	1
DCAL2	1000.0	1041.3	41.3	4.13	1.1759	.007	1
DCAL3	5000.0	4906.6	-93.4	-1.87	5.5403	.016	1
DCAL4	10000.	10050.	50.4	.504	11.348	.105	1

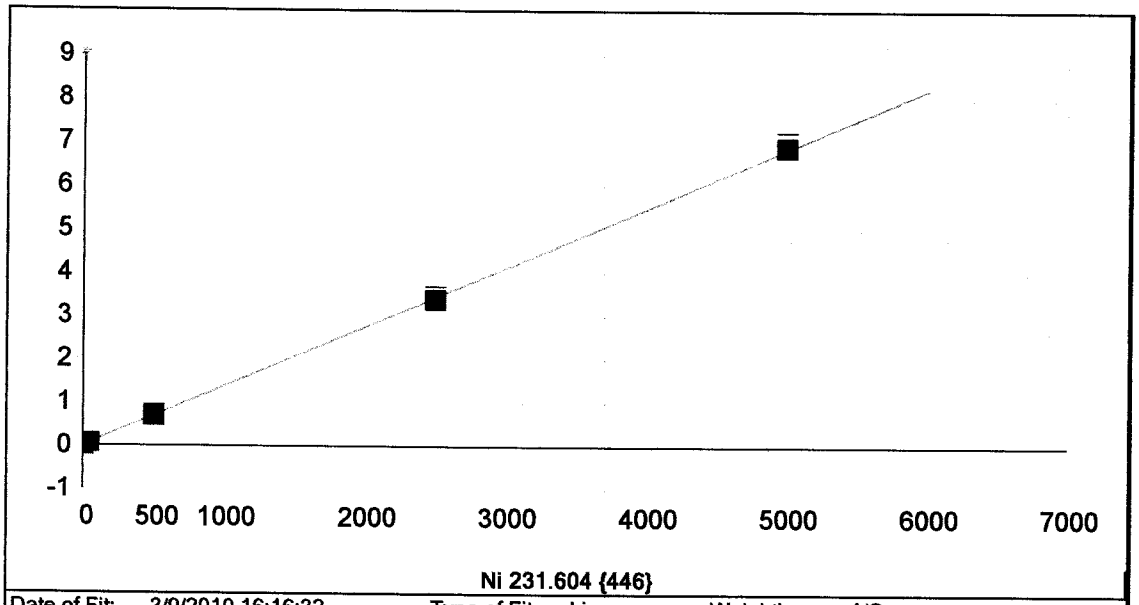


Na 589.592 { 57}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.012670	Re-Slope:	1.000000
A1 (Gain):	0.000081	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999972	Status:	OK.
Std Error of Est:	0.001112		
Predicted MDL:	10.525527		
Predicted MQL:	35.085092		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.30825	-.308	.000	-.01270	.000	1
DCAL1	5000.0	5282.5	283.	5.65	.41439	.001	1
DCAL2	25000.	25253.	253.	1.01	2.0289	.005	1
DCAL3	125000.	124290.	-712.	-.569	10.035	.047	1
DCAL4	250000.	250180.	176.	.070	20.212	.118	1

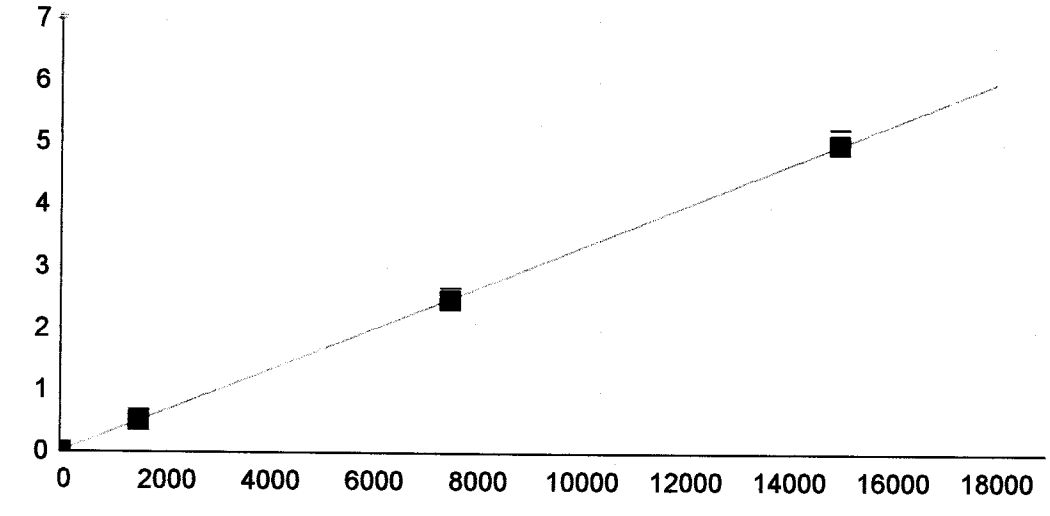


Ni 231.604 {446}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000291	Re-Slope:	1.000000
A1 (Gain):	0.001370	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999942	Status:	OK.
Std Error of Est:	0.000340		
Predicted MDL:	0.176179		
Predicted MQL:	0.587265		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00387	-.004	.000	-.00030	.000	1
DCAL1	40.000	43.851	3.85	9.63	.05977	.000	1
DCAL2	500.00	504.28	4.28	.857	.69027	.016	1
DCAL3	2500.0	2468.2	-31.8	-1.27	3.3796	.061	1
DCAL4	5000.0	5023.7	23.7	.473	6.8791	.135	1

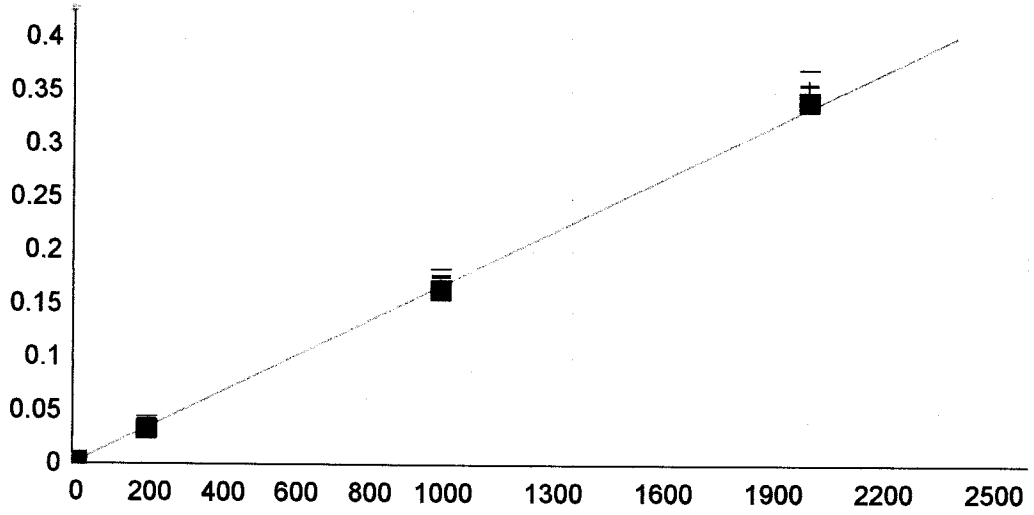


Pb 220.353 {453}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000405	Re-Slope:	1.000000
A1 (Gain):	0.000332	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	OK.
Std Error of Est:	0.000030		
Predicted MDL:	0.624996		
Predicted MQL:	2.083321		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00106	-.001	.000	.00040	.000	1
DCAL1	5.0000	6.0131	1.01	20.3	.00240	.000	1
DCAL2	1500.0	1521.6	21.6	1.44	.50617	.011	1
DCAL3	7500.0	7445.3	-54.7	-.729	2.4752	.044	1
DCAL4	15000.	15032.	32.1	.214	4.9969	.096	1

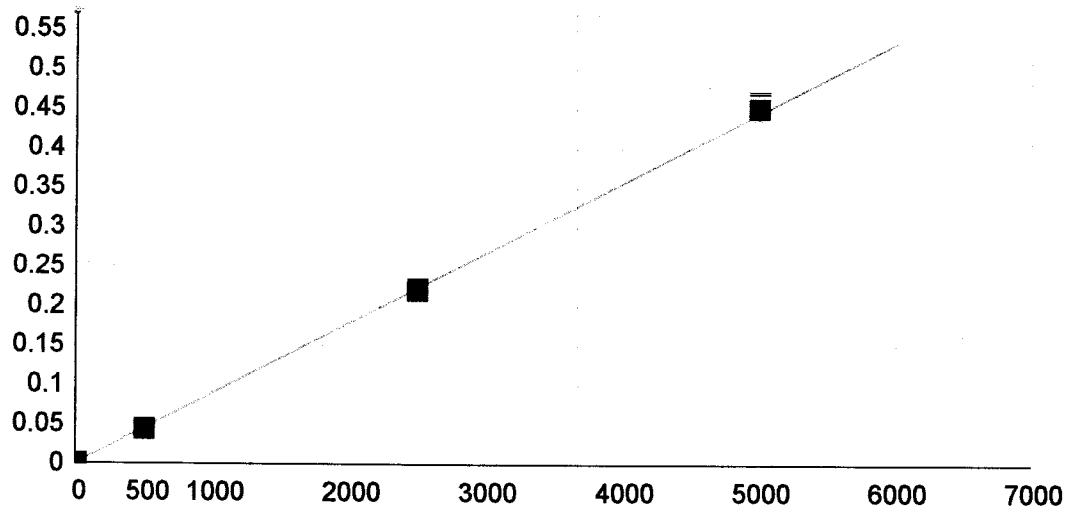


Sb 206.833 {463}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000343	Re-Slope:	1.000000
A1 (Gain):	0.000167	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999751	Status:	OK.
Std Error of Est:	0.000028		
Predicted MDL:	0.909390		
Predicted MQL:	3.031301		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00175	.002	.000	.00034	.000	1
DCAL1	10.000	8.7720	-1.23	-12.3	.00181	.000	1
DCAL2	200.00	190.86	-9.14	-4.57	.03372	.001	1
DCAL3	1000.0	975.82	-24.2	-2.42	.17080	.003	1
DCAL4	2000.0	2034.5	34.5	1.72	.35509	.007	1

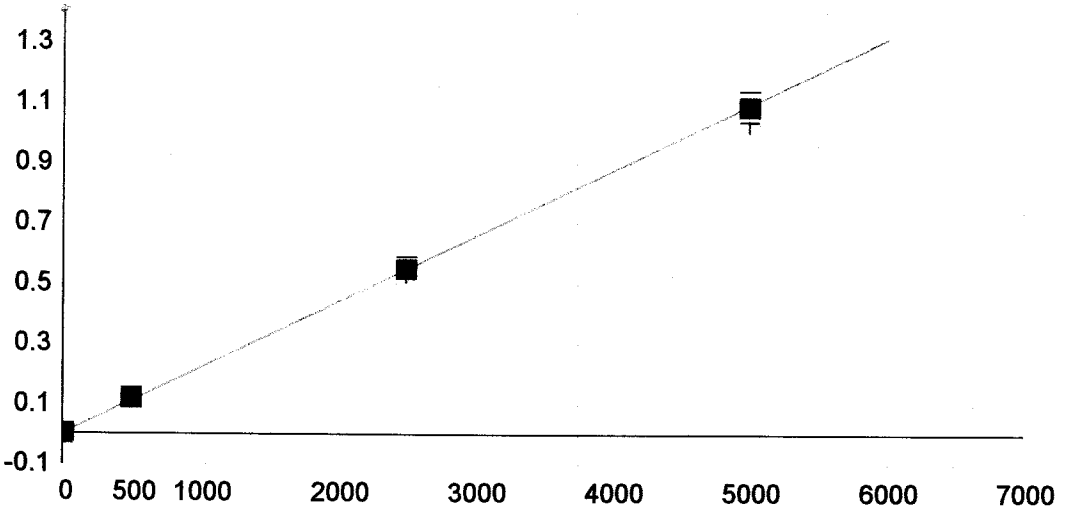


Se 196.090 {472}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000157	Re-Slope:	1.000000
A1 (Gain):	0.000089	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999811	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	1.348239		
Predicted MQL:	4.494130		

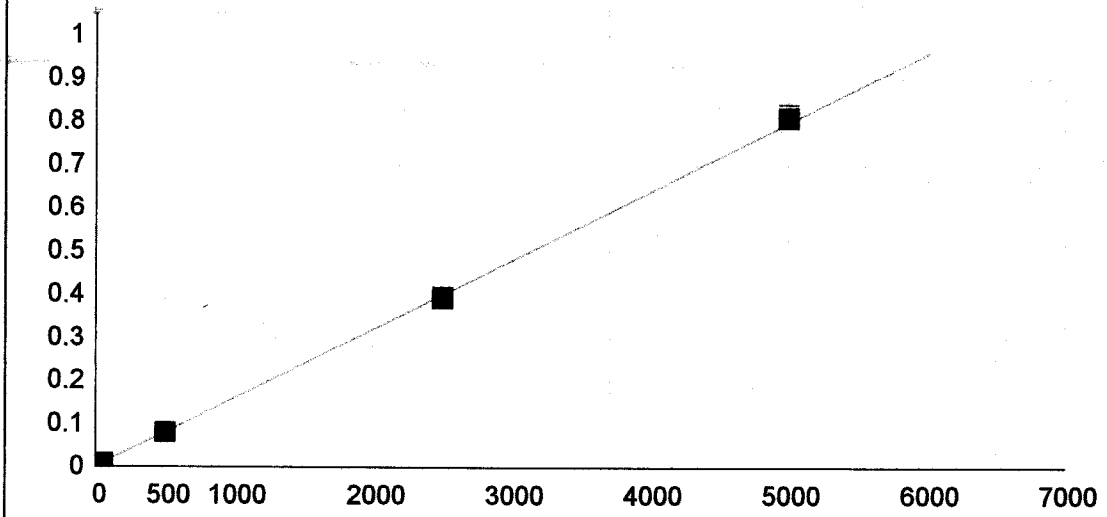
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00028	.000	.000	.00016	.000	1
DCAL1	5.0000	4.9882	-.012	-.236	.00060	.000	1
DCAL2	500.00	475.27	-24.7	-4.95	.04209	.001	1
DCAL3	2500.0	2455.5	-44.5	-1.78	.21689	.004	1
DCAL4	5000.0	5069.3	69.3	1.39	.44770	.009	1



TI 190.856 {477}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000676		Re-Slope:	1.000000	
A1 (Gain):	0.000219		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999810		Status:	OK.	
Std Error of Est:	0.000047				
Predicted MDL:	0.783091				
Predicted MQL:	2.610304				

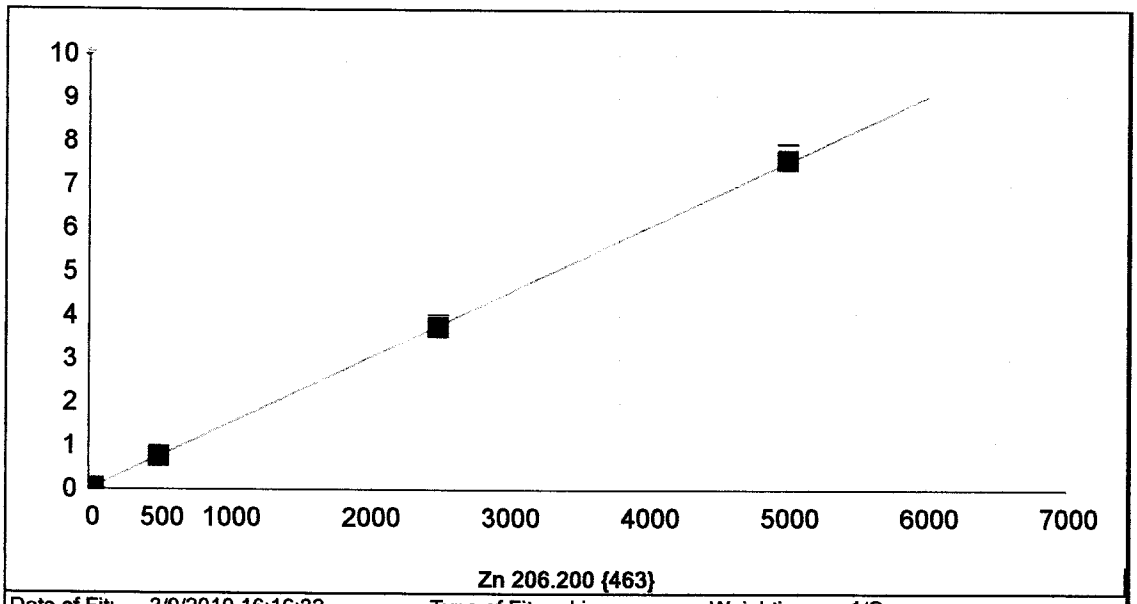
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00262	-.003	.000	-.00068	.000	1
DCAL1	10.000	12.042	2.04	20.4	.00163	.000	1
DCAL2	500.00	532.36	32.4	6.47	.10959	.002	1
DCAL3	2500.0	2497.4	-2.64	-.106	.51465	.009	1
DCAL4	5000.0	4968.4	-31.6	-.631	1.0242	.019	1



V 292.402 {115}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000011		Re-Slope:	1.000000	
A1 (Gain):	0.000160		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999882		Status:	OK.	
Std Error of Est:	0.000063				
Predicted MDL:	0.292415				
Predicted MQL:	0.974718				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00142	-.001	.000	.00001	.000	1
DCAL1	50.000	52.362	2.36	4.72	.00834	.000	1
DCAL2	500.00	495.63	-4.37	-.874	.07846	.001	1
DCAL3	2500.0	2447.2	-52.8	-2.11	.38733	.003	1
DCAL4	5000.0	5054.8	54.8	1.10	.80026	.009	1

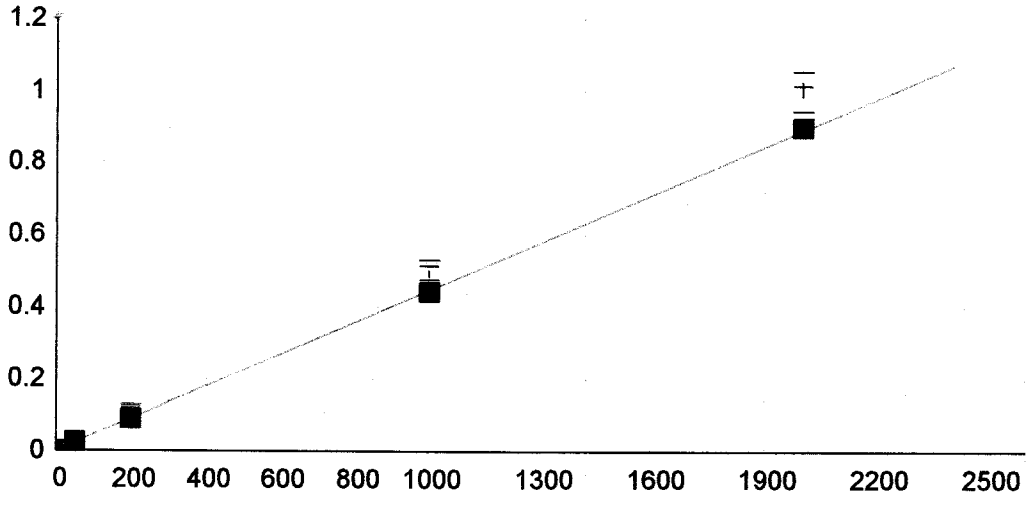


Zn 206.200 {463}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000543	Re-Slope:	1.000000
A1 (Gain):	0.001507	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999944	Status:	OK.
Std Error of Est:	0.000317		
Predicted MDL:	0.083898		
Predicted MQL:	0.279661		

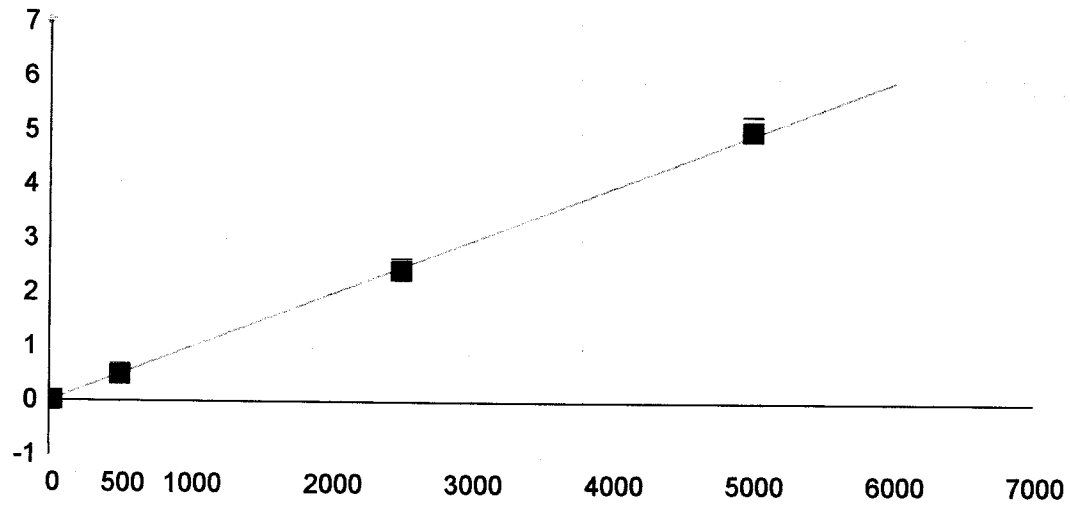
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00314	-.003	.000	.00054	.000	1
DCAL1	30.000	33.445	3.44	11.5	.05091	.000	1
DCAL2	500.00	497.89	-2.11	-.422	.74918	.017	1
DCAL3	2500.0	2471.2	-28.8	-1.15	3.7162	.069	1
DCAL4	5000.0	5027.5	27.5	.549	7.5601	.149	1



B 208.959 {461}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000665		Re-Slope:	1.000000	
A1 (Gain):	0.000445		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999949		Status:	OK.	
Std Error of Est:	0.000083				
Predicted MDL:	0.316708				
Predicted MQL:	1.055692				

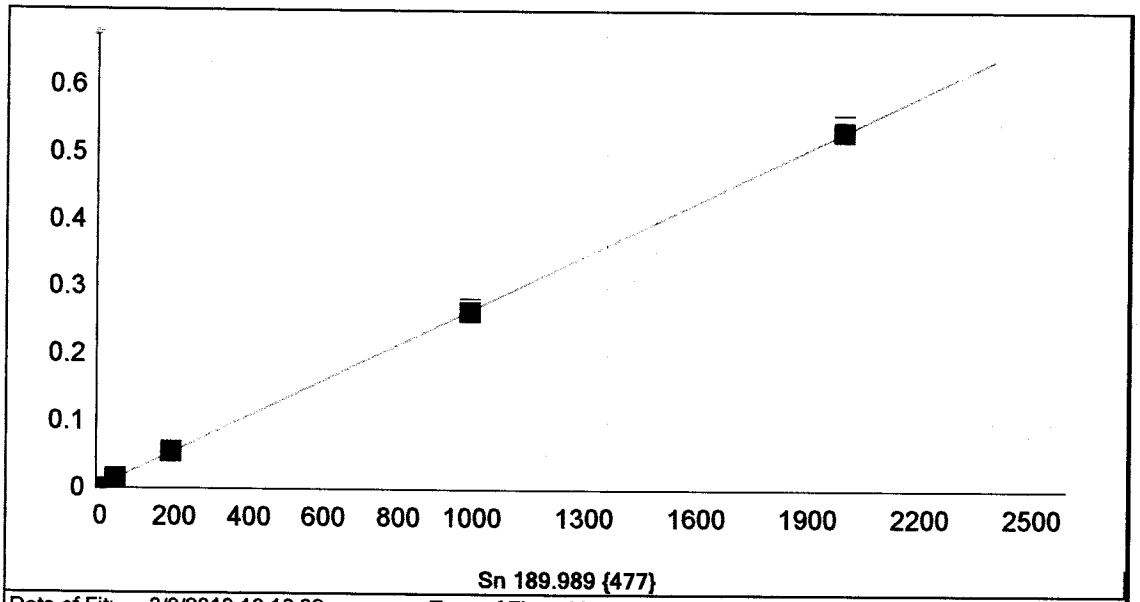
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00023	.000	.000	.00066	.000	1
DCAL1	50.000	51.126	1.13	2.25	.02384	.000	1
DCAL2	200.00	195.47	-4.53	-2.26	.09848	.002	1
DCAL3	1000.0	987.45	-12.5	-1.25	.49425	.008	1
DCAL4	2000.0	2016.1	16.1	.803	1.0061	.020	1



Mo 202.030 {467}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000112		Re-Slope:	1.000000	
A1 (Gain):	0.000990		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999838		Status:	OK.	
Std Error of Est:	0.000291				
Predicted MDL:	0.139621				
Predicted MQL:	0.465402				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00006	.000	.000	-.00011	.000	1
DCAL1	20.000	20.786	.786	3.93	.02045	.000	1
DCAL2	500.00	485.96	-14.0	-2.81	.48083	.011	1
DCAL3	2500.0	2444.5	-55.5	-2.22	2.4192	.044	1
DCAL4	5000.0	5068.7	68.7	1.37	5.0162	.099	1

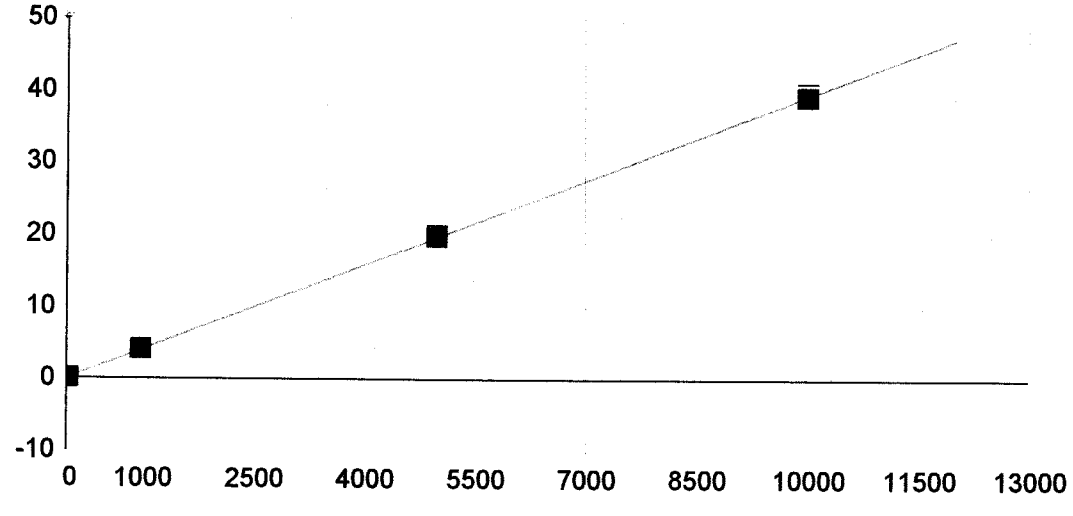


Sn 189.989 {477}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000170	Re-Slope:	1.000000
A1 (Gain):	0.000266	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999930	Status:	OK.
Std Error of Est:	0.000052		
Predicted MDL:	0.354328		
Predicted MQL:	1.181092		

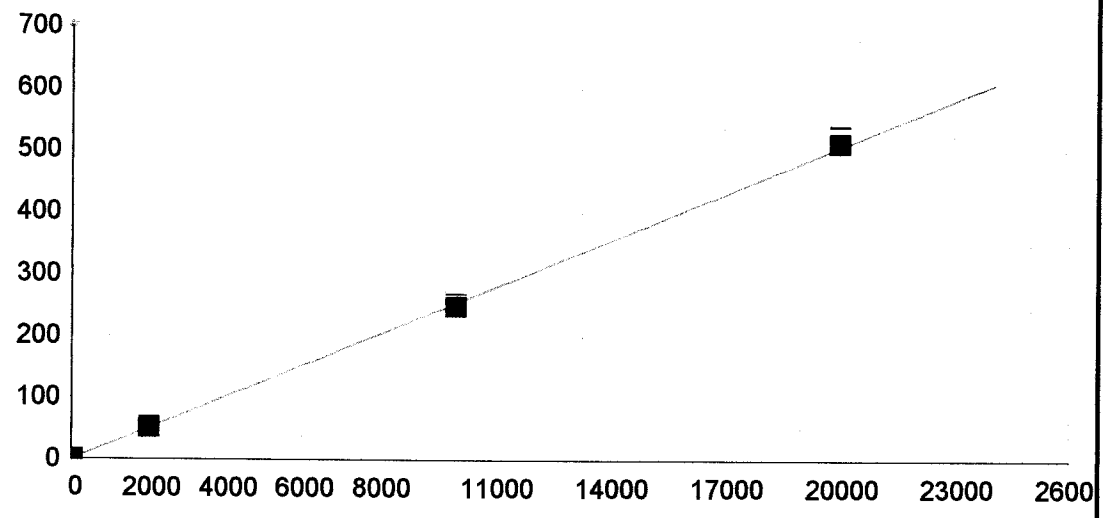
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00406	-.004	.000	.00017	.000	1
DCAL1	50.000	54.243	4.24	8.49	.01459	.000	1
DCAL2	200.00	200.65	.653	.327	.05351	.001	1
DCAL3	1000.0	990.91	-9.09	-.909	.26357	.005	1
DCAL4	2000.0	2004.2	4.20	.210	.53292	.011	1



Sr 407.771 { 83}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.002354		Re-Slope:	1.000000	
A1 (Gain):	0.003930		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999976		Status:	OK.	
Std Error of Est:	0.000627				
Predicted MDL:	0.102847				
Predicted MQL:	0.342823				

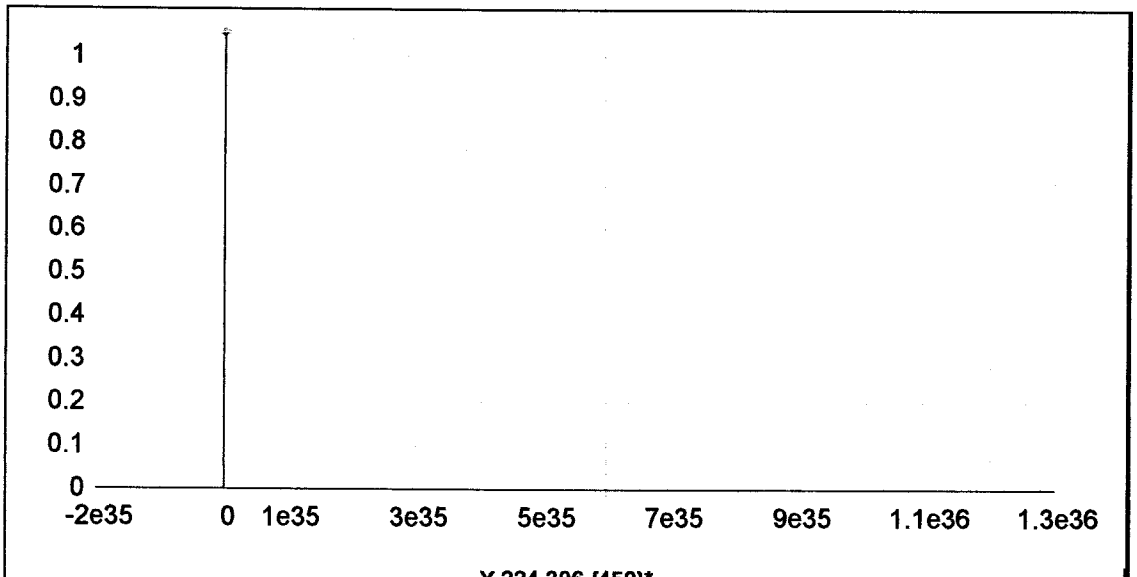
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00146	-.001	.000	-.00236	.000	1
DCAL1	20.000	21.018	1.02	5.09	.08074	.001	1
DCAL2	1000.0	1022.9	22.9	2.29	4.0200	.008	1
DCAL3	5000.0	5014.5	14.5	.289	19.716	.166	1
DCAL4	10000.	9961.6	-38.4	-.384	39.171	.552	1



Ti 334.941 {101}

Date of Fit:	3/9/2010 16:16:32	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.009756		Re-Slope:	1.000000	
A1 (Gain):	0.025307		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999877		Status:	OK.	
Std Error of Est:	0.012946				
Predicted MDL:	0.084007				
Predicted MQL:	0.280023				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00118	-.001	.000	.00973	.001	1
DCAL1	20.000	21.325	1.33	6.63	.54936	.007	1
DCAL2	2000.0	2009.6	9.63	.482	50.876	.865	1
DCAL3	10000.	9769.5	-231.	-2.31	247.29	4.45	1
DCAL4	20000.	20220.	220.	1.10	511.79	12.2	1

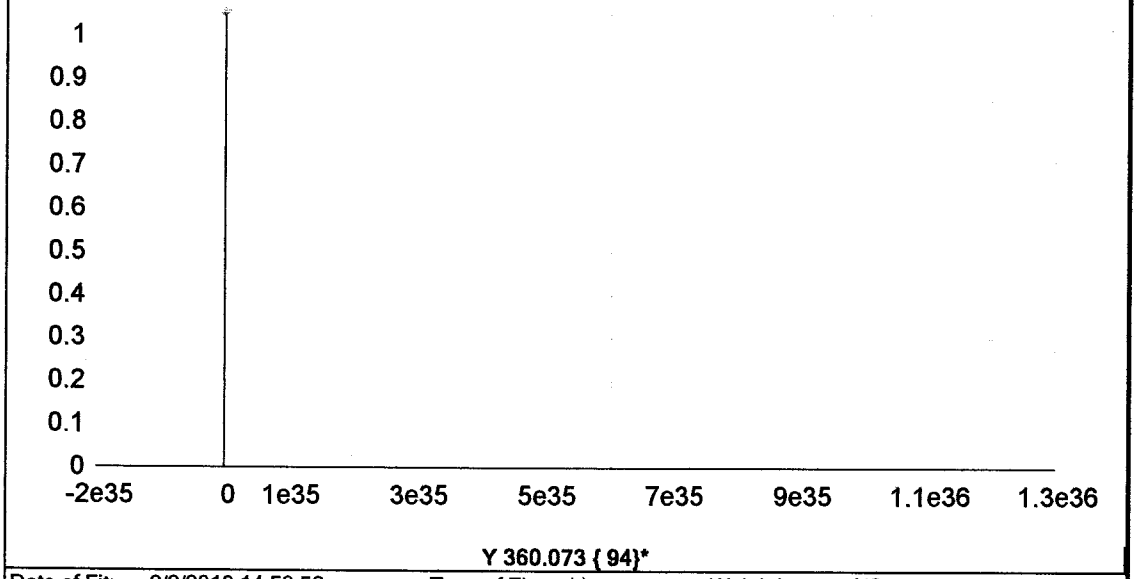


Y 224.306 {450}*

Date of Fit:	7/2/2009 13:18:43	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	183.492520		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



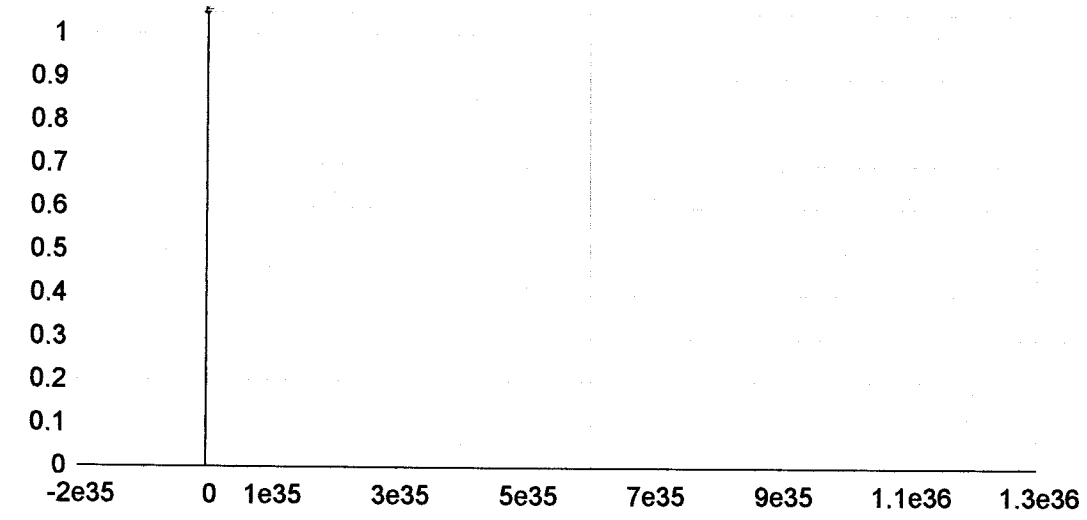
Y 360.073 { 94}*

Date of Fit:	2/2/2010 14:59:52	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		

n (Exponent):	1.000000						
Correlation:	0.000000			Status:	Warning	Zero Gain	
Std Error of Est:	0.000000						
Predicted MDL:	n/a						
Predicted MQL:	n/a						

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 371.030 { 91}*

Date of Fit:	2/5/2010 13:43:21	Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	0.000000			Re-Slope:	1.000000	
A1 (Gain):	0.000000			Y-int:	0.000000	
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	192.759705					
Predicted MDL:	n/a					
Predicted MQL:	n/a					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

Sample Name: CAL_BLK Acquired: 3/9/2010 15:42:16 Type: Cal
Method: SW846O2102010(v15) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0004**	**-.0001**	**-.0012**	**.0031**	**-.0014**	**-.0101**
Stddev	.0002	.0001	.0001	.0002	.0002	.0001
%RSD	37.19	53.90	4.745	6.066	14.09	.9016
#1	-.0002	.0000	-.0012	.0029	-.0015	-.0101
#2	-.0005	-.0001	-.0012	.0033	-.0011	-.0101
#3	-.0005	-.0001	-.0013	.0031	-.0015	-.0100

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0006**	**-.0005**	**.0001**	**.0006**	**-.0009**	**-.0173**
Stddev	.0001	.0002	.0000	.0001	.0005	.0008
%RSD	16.89	34.34	21.38	10.35	57.01	4.874
#1	-.0006	-.0006	.0001	.0005	-.0015	-.0183
#2	-.0005	-.0003	.0001	.0006	-.0005	-.0170
#3	-.0007	-.0005	.0001	.0006	-.0007	-.0167

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0006**	**.0001**	**-.0127**	**-.0003**	**.0004**	**.0003**
Stddev	.0010	.0000	.0004	.0001	.0001	.0001
%RSD	169.5	21.84	3.503	43.16	33.97	22.19
#1	-.0002	.0001	-.0124	-.0002	.0005	.0004
#2	.0017	.0001	-.0132	-.0002	.0003	.0003
#3	.0003	.0002	-.0125	-.0004	.0004	.0004

Sample Name: CAL_BLK Acquired: 3/9/2010 15:42:16 Type: Cal
Method: SW84602102010(v15) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0002**	**-.0007**	**.0000**	**.0005**	**.0007**	**-.0001**
Stddev	.0001	.0000	.0000	.0001	.0001	.0001
%RSD	60.08	5.014	82.82	20.19	12.39	59.41
#1	.0001	-.0006	.0000	.0005	.0007	-.0001
#2	.0003	-.0007	.0000	.0007	.0007	-.0001
#3	.0001	-.0007	.0000	.0004	.0006	-.0002

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	**.0002**	**-.0024**	**.0097**
Stddev	.0001	.0004	.0006
%RSD	31.98	16.13	6.077
#1	.0002	-.0022	.0091
#2	.0001	-.0028	.0100
#3	.0002	-.0021	.0101

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5234.4**	**137100.**	**18701.**
Stddev	48.7	126.	41.
%RSD	.93062	.09176	.21925
#1	5190.6	137110.	18748.
#2	5225.7	136980.	18683.
#3	5286.8	137230.	18672.

Sample Name: DCAL1 Acquired: 3/9/2010 15:48:51 Type: Cal
Method: SW84602102010(v15) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0102**	**.0004**	**.0006**	**.6588**	**.0137**	**.2232**
Stddev	.0004	.0001	.0001	.0043	.0002	.0010
%RSD	4.404	20.84	17.54	.6551	1.578	.4612
#1	.0097	.0004	.0005	.6538	.0140	.2230
#2	.0106	.0004	.0006	.6610	.0136	.2244
#3	.0102	.0003	.0007	.6615	.0136	.2224

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0198**	**.0793**	**.0019**	**.0036**	**.0399**	**.1274**
Stddev	.0001	.0006	.0000	.0002	.0005	.0007
%RSD	.3670	.8079	.7232	4.563	1.304	.5768
#1	.0199	.0787	.0019	.0036	.0393	.1276
#2	.0197	.0792	.0019	.0037	.0399	.1281
#3	.0198	.0800	.0019	.0034	.0404	.1266

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3.006**	**.0191**	**.4144**	**.0598**	**.0024**	**.0018**
Stddev	.022	.0003	.0005	.0005	.0000	.0001
%RSD	.7468	1.320	.1240	.7629	2.049	7.379
#1	2.981	.0190	.4142	.0593	.0025	.0018
#2	3.018	.0189	.4150	.0602	.0024	.0017
#3	3.021	.0193	.4140	.0599	.0024	.0020

Sample Name: DCAL1 Acquired: 3/9/2010 15:48:51 Type: Cal
Method: SW84602102010(v15) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0006**	**.0016**	**.0083**	**.0509**	**.0238**	**.0205**
Stddev	.0000	.0001	.0001	.0002	.0002	.0000
%RSD	4.209	7.642	.8424	.3802	.8137	.1935
#1	.0006	.0017	.0083	.0507	.0236	.0204
#2	.0006	.0017	.0083	.0509	.0240	.0205
#3	.0006	.0015	.0084	.0511	.0239	.0204

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	**.0146**	**.0807**	**.5494**
Stddev	.0002	.0009	.0066
%RSD	1.588	1.100	1.204
#1	.0144	.0804	.5418
#2	.0148	.0817	.5539
#3	.0146	.0801	.5524

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5315.6**	**137370.**	**19167.**
Stddev	31.0	1425.	64.
%RSD	.58404	1.0373	.33449
#1	5351.1	137940.	19240.
#2	5302.3	138420.	19138.
#3	5293.5	135740.	19122.

Sample Name: DCAL2 Acquired: 3/9/2010 15:55:27 Type: Cal
Method: SW84602102010(v15) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.266**	**.0418**	**.0422**	**6.090**	**1.482**	**1.121**
Stddev	.003	.0010	.0003	.139	.008	.007
%RSD	.2209	2.467	.6028	2.282	.5132	.6021
#1	1.269	.0429	.0420	6.241	1.490	1.128
#2	1.267	.0417	.0422	6.060	1.481	1.120
#3	1.263	.0409	.0425	5.968	1.475	1.114

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.169**	**.7439**	**.1703**	**.2492**	**4.802**	**.2625**
Stddev	.027	.0144	.0010	.0011	.074	.0004
%RSD	2.328	1.930	.6068	.4561	1.537	.1417
#1	1.198	.7596	.1696	.2503	4.884	.2626
#2	1.163	.7408	.1698	.2494	4.783	.2620
#3	1.145	.7314	.1715	.2480	4.740	.2628

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14.29**	**1.176**	**2.029**	**.6903**	**.5062**	**.0337**
Stddev	.24	.007	.005	.0164	.0111	.0009
%RSD	1.672	.5654	.2380	2.380	2.202	2.521
#1	14.56	1.172	2.033	.7081	.5185	.0345
#2	14.22	1.172	2.031	.6871	.5034	.0338
#3	14.10	1.184	2.023	.6757	.4967	.0328

Sample Name: DCAL2 Acquired: 3/9/2010 15:55:27 Type: Cal
Method: SW84602102010(v15) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0421	.1096	.0785	.7492	.0985	.4808
Stddev	.0010	.0022	.0006	.0169	.0021	.0111
%RSD	2.347	2.030	.7086	2.251	2.152	2.303
#1	.0432	.1120	.0780	.7676	.1008	.4929
#2	.0417	.1090	.0782	.7454	.0981	.4784
#3	.0414	.1077	.0791	.7345	.0966	.4712

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	.0535	4.020	50.88
Stddev	.0012	.008	.86
%RSD	2.333	.1904	1.700
#1	.0549	4.025	51.84
#2	.0532	4.023	50.61
#3	.0525	4.011	50.17

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5172.4	133850.	18815.
Stddev	83.3	781.	29.
%RSD	1.6097	.58377	.15583
#1	5081.6	134530.	18805.
#2	5190.4	134010.	18848.
#3	5245.2	133000.	18792.

Sample Name: DCAL3 Acquired: 3/9/2010 16:01:58 Type: Cal
Method: SW84602102010(v15) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6.351**	**.2168**	**.2162**	**29.77**	**7.329**	**5.544**
Stddev	.035	.0037	.0016	.53	.041	.033
%RSD	.5445	1.710	.7488	1.771	.5643	.6028
#1	6.389	.2157	.2179	29.65	7.374	5.581
#2	6.340	.2209	.2158	30.34	7.318	5.535
#3	6.323	.2137	.2148	29.31	7.294	5.516

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5.859**	**3.647**	**.8335**	**1.214**	**23.64**	**1.394**
Stddev	.105	.069	.0057	.007	.37	.006
%RSD	1.794	1.896	.6856	.5533	1.550	.4465
#1	5.835	3.636	.8396	1.222	23.68	1.399
#2	5.974	3.722	.8328	1.212	23.99	1.394
#3	5.767	3.585	.8282	1.209	23.26	1.387

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**70.97**	**5.540**	**10.04**	**3.380**	**2.475**	**.1708**
Stddev	.90	.016	.05	.061	.044	.0029
%RSD	1.264	.2925	.4690	1.803	1.795	1.711
#1	71.30	5.558	10.08	3.365	2.468	.1699
#2	71.65	5.535	10.03	3.447	2.523	.1741
#3	69.95	5.527	9.990	3.328	2.435	.1684

Sample Name: DCAL3 Acquired: 3/9/2010 16:01:58 Type: Cal
Method: SW84602102010(v15) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2169	.5147	.3873	3.716	.4942	2.419
Stddev	.0040	.0087	.0032	.069	.0081	.044
%RSD	1.855	1.700	.8154	1.863	1.636	1.821
#1	.2159	.5128	.3903	3.703	.4927	2.410
#2	.2213	.5242	.3876	3.791	.5030	2.467
#3	.2134	.5070	.3840	3.655	.4871	2.380

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	.2636	19.72	247.3
Stddev	.0048	.17	4.4
%RSD	1.833	.8400	1.798
#1	.2625	19.77	247.4
#2	.2689	19.53	251.7
#3	.2594	19.84	242.8

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4856.4	128430.	18644.
Stddev	67.2	604.	58.
%RSD	1.3844	.47065	.31127
#1	4860.8	127800.	18578.
#2	4787.1	128490.	18669.
#3	4921.3	129010.	18686.

Sample Name: DCAL4 Acquired: 3/9/2010 16:09:03 Type: Cal
Method: SW84602102010(v15) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12.90**	**.4550**	**.4550**	**60.40**	**15.03**	**11.45**
Stddev	.03	.0088	.0051	.56	.04	.01
%RSD	.2474	1.942	1.121	.9237	.2652	.0947
#1	12.94	.4558	.4609	60.89	15.08	11.46
#2	12.88	.4458	.4521	59.79	15.01	11.44
#3	12.89	.4635	.4521	60.52	15.01	11.45

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12.00**	**7.473**	**1.713**	**2.507**	**48.73**	**2.809**
Stddev	.23	.149	.021	.007	.88	.009
%RSD	1.901	1.997	1.225	.2789	1.799	.3032
#1	12.01	7.465	1.737	2.515	48.94	2.818
#2	11.76	7.327	1.705	2.501	47.77	2.802
#3	12.22	7.625	1.697	2.504	49.48	2.805

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**151.8**	**11.35**	**20.21**	**6.879**	**4.997**	**.3551**
Stddev	7.3	.10	.12	.135	.096	.0069
%RSD	4.817	.9241	.5822	1.967	1.912	1.946
#1	159.7	11.47	20.20	6.883	4.997	.3549
#2	145.2	11.31	20.34	6.742	4.901	.3483
#3	150.6	11.27	20.10	7.013	5.092	.3621

Sample Name: DCAL4 Acquired: 3/9/2010 16:09:03 Type: Cal
Method: SW84602102010(v15) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.4477	1.024	.8003	7.560	1.006	5.016
Stddev	.0090	.019	.0092	.149	.020	.100
%RSD	2.000	1.895	1.155	1.972	2.002	1.983
#1	.4481	1.023	.8109	7.562	1.005	5.015
#2	.4385	1.006	.7949	7.410	.9865	4.917
#3	.4564	1.044	.7950	7.708	1.027	5.116

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	.5329	39.17	511.8
Stddev	.0106	.55	12.2
%RSD	1.992	1.409	2.390
#1	.5327	38.55	516.7
#2	.5224	39.61	497.9
#3	.5436	39.34	520.8

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4488.6	120430.	18362.
Stddev	70.4	1046.	68.
%RSD	1.5685	.86818	.36913
#1	4490.1	119230.	18415.
#2	4558.3	120930.	18384.
#3	4417.5	121140.	18285.

Sample Name: ICV Acquired: 3/9/2010 16:16:38 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123600.**	**2505.**	**1224.**	**10230.**	**995.7**	**124100.**
Stddev	146.	25.	5.	108.	.9	163.
%RSD	.1178	.9936	.3946	1.053	.0892	.1311
#1	123700.	2532.	1223.	10350.	996.6	124300.
#2	123400.	2483.	1229.	10150.	994.9	124000.
#3	123600.	2499.	1219.	10190.	995.5	124000.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1252.**	**2512.**	**4924.**	**12430.**	**100600.**	**49750.**
Stddev	12.	19.	39.	7.	1153.	28.
%RSD	.9906	.7736	.7824	.0529	1.146	.0569
#1	1266.	2532.	4933.	12430.	101900.	49740.
#2	1242.	2494.	4957.	12420.	99700.	49780.
#3	1249.	2508.	4881.	12420.	100200.	49730.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 3/9/2010 16:16:38 Type: QC
Method: SW846021020l0(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**122900.**	**4997.**	**124900.**	**2539.**	**7583.**	**1007.**
Stddev	1775.	22.	157.	26.	70.	10.
%RSD	1.445	.4427	.1256	1.042	.9264	1.032
#1	124900.	4987.	125000.	2569.	7661.	1019.
#2	121600.	5022.	124700.	2518.	7524.	998.5
#3	122100.	4981.	125000.	2530.	7564.	1004.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2517.**	**2556.**	**2467.**	**2536.**	**1026.**	**2459.**
Stddev	23.	23.	11.	24.	9.	25.
%RSD	.9047	.8872	.4425	.9328	.8896	1.020
#1	2542.	2582.	2470.	2562.	1036.	2487.
#2	2498.	2538.	2477.	2516.	1020.	2440.
#3	2511.	2549.	2456.	2530.	1021.	2450.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 3/9/2010 16:16:38 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1003.**	**5126.**	**10040.**
Stddev	11.	31.	144.
%RSD	1.133	.5970	1.429
#1	1016.	5126.	10210.
#2	995.1	5156.	9960.
#3	998.0	5095.	9959.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4811.2**	**128700.**	**18687.**
Stddev	52.3	657.	15.
%RSD	1.0867	.51057	.07960
#1	4751.3	128660.	18689.
#2	4847.6	128060.	18672.
#3	4834.8	129370.	18701.

Sample Name: CCB Acquired: 3/9/2010 16:23:46 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8.522**	**.5902**	**.0521**	**.6310**	**.0695**	**8.628**
Stddev	5.756	.9029	.0992	.2894	.0284	11.74
%RSD	67.55	153.0	190.5	45.86	40.91	136.1
#1	5.901	1.629	.0353	.9423	.0920	-.7636
#2	15.12	.1469	.1585	.5804	.0791	4.853
#3	4.543	-.0053	-.0376	.3702	.0375	21.79
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0846**	**.2562**	**.4354**	**1.112**	**9.404**	**-29.29**
Stddev	.0539	.0786	.1739	1.215	2.496	28.72
%RSD	63.66	30.67	39.94	109.2	26.54	98.07
#1	.1462	.1992	.2496	-.0864	11.41	-23.22
#2	.0612	.3459	.4623	1.080	10.19	-60.56
#3	.0464	.2236	.5942	2.343	6.608	-4.082
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/9/2010 16:23:46 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**9.723**	**.5592**	**65.84**	**.1232**	**.5457**	**.6116**
Stddev	2.712	.0364	6.82	.1450	.8244	.7730
%RSD	27.89	6.510	10.36	117.8	151.1	126.4
#1	12.34	.5863	61.08	.2891	.7908	1.491
#2	9.900	.5736	62.78	.0210	-.3734	.3036
#3	6.927	.5179	73.66	.0594	1.220	.0402
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.513**	**2.580**	**.4966**	**.1170**	**3.791**	**2.339**
Stddev	.453	.588	.1491	.0867	.331	.535
%RSD	29.91	22.78	30.01	74.06	8.729	22.90
#1	2.012	2.615	.4997	.2050	4.064	2.954
#2	1.401	3.149	.6441	.0317	3.887	2.082
#3	1.127	1.975	.3461	.1144	3.423	1.980
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/9/2010 16:23:46 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1977**	**.4153**	**1.662**
Stddev	.2317	.0555	.107
%RSD	117.2	13.35	6.407
#1	.1618	.3576	1.725
#2	-.0139	.4681	1.721
#3	.4453	.4203	1.539
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5281.3**	**138150.**	**18966.**
Stddev	57.6	608.	55.
%RSD	1.0902	.44033	.28780
#1	5235.7	137560.	18907.
#2	5262.2	138120.	18976.
#3	5346.0	138780.	19014.

Sample Name: ICSA 371312 Acquired: 3/9/2010 16:30:23 Type: QC
Method: SW846O2102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**499900.**	**-2.878**	**.4685**	**1.074**	**-.0872**	**496800.**
Stddev	4462.	1.115	.2493	.074	.0535	5639.
%RSD	.8927	38.74	53.22	6.853	61.31	1.135
#1	502000.	-2.125	.6863	1.151	-.0818	503300.
#2	502800.	-2.350	.1965	1.068	-.1432	492700.
#3	494700.	-4.159	.5226	1.004	-.0367	494600.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.4327**	**2.227**	**-.9916**	**6.455**	**188200.**	**-212.4**
Stddev	.1431	.183	.0172	2.876	330.	34.6
%RSD	33.06	8.209	1.736	44.56	.1754	16.32
#1	-.3680	2.420	-.9901	3.366	188300.	-242.2
#2	-.5967	2.056	-1.010	9.057	187800.	-174.4
#3	-.3334	2.207	-.9752	6.942	188500.	-220.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/9/2010 16:30:23 Type: QC
Method: SW846O2102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**477600.**	**-2.963**	**151.3**	**1.457**	**-1.772**	**1.563**
Stddev	5420.	.067	2.1	.202	.787	1.767
%RSD	1.135	2.262	1.413	13.90	44.43	113.1
#1	478100.	-2.946	148.8	1.373	-2.668	3.340
#2	471900.	-2.906	152.4	1.687	-1.194	1.541
#3	482700.	-3.036	152.6	1.310	-1.453	-.1932
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.1951**	**2.169**	**2.488**	**-1.507**	**6.653**	**-1.799**
Stddev	1.057	.974	.568	.230	.471	.153
%RSD	541.9	44.90	22.84	15.26	7.074	8.521
#1	-.4815	2.695	1.837	-1.633	7.189	-1.931
#2	-1.079	1.045	2.744	-1.647	6.305	-1.631
#3	.9758	2.766	2.883	-1.242	6.466	-1.835
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/9/2010 16:30:23 Type: QC
Method: SW846O2102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.1768**	**-7.450**	**-1.157**
Stddev	.2748	.177	.089
%RSD	155.4	2.380	7.664
#1	.0776	-7.640	-1.220
#2	-.4682	-7.421	-1.056
#3	-.1398	-7.289	-1.196
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4760.3**	**120170.**	**18547.**
Stddev	19.4	410.	52.
%RSD	.40738	.34130	.28193
#1	4755.0	120240.	18510.
#2	4781.8	120540.	18607.
#3	4744.1	119730.	18524.

Sample Name: ICSAB 371336 Acquired: 3/9/2010 16:37:18 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**492700.**	**94.88**	**103.1**	**99.96**	**95.73**	**490500.**
Stddev	3902.	2.68	.1	1.59	.43	1336.
%RSD	.7919	2.819	.1087	1.592	.4454	.2724
#1	490100.	97.75	103.3	99.95	96.21	491800.
#2	490900.	94.41	103.0	101.6	95.56	490600.
#3	497200.	92.46	103.1	98.37	95.41	489100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**93.04**	**95.13**	**96.16**	**95.27**	**188600.**	**10100.**
Stddev	1.34	1.31	.32	4.59	2548.	19.
%RSD	1.436	1.376	.3350	4.818	1.351	.1846
#1	93.31	95.51	96.48	100.3	189700.	10120.
#2	94.22	96.21	96.17	91.37	190400.	10100.
#3	91.59	93.68	95.84	94.11	185600.	10080.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/9/2010 16:37:18 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**476300.**	**95.69**	**10400.**	**94.59**	**91.35**	**94.86**
Stddev	6052.	.23	47.	1.39	1.33	.87
%RSD	1.271	.2416	.4516	1.467	1.455	.9131
#1	476300.	95.47	10450.	95.17	89.88	94.16
#2	482300.	95.67	10390.	95.59	92.46	95.83
#3	470200.	95.93	10360.	93.00	91.71	94.59
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**96.68**	**95.52**	**100.7**	**92.65**	**102.0**	**93.17**
Stddev	2.94	1.19	.1	1.87	1.5	1.38
%RSD	3.046	1.244	.0816	2.014	1.487	1.484
#1	98.28	96.89	100.6	92.98	102.6	93.58
#2	98.47	94.93	100.7	94.32	103.2	94.31
#3	93.28	94.74	100.7	90.64	100.3	91.63
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/9/2010 16:37:18 Type: QC
Method: SW846O2102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**96.81**	**93.40**	**96.35**
Stddev	1.67	.35	1.46
%RSD	1.719	.3762	1.521
#1	96.74	93.80	97.02
#2	98.51	93.22	97.35
#3	95.18	93.17	94.66
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4788.8**	**121830.**	**18604.**
Stddev	59.0	325.	27.
%RSD	1.2329	.26700	.14401
#1	4765.6	121950.	18573.
#2	4744.9	122090.	18619.
#3	4856.0	121470.	18619.

Sample Name: INT-10 Acquired: 3/9/2010 16:44:14 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**291.9**	**2.433**	**-1.354**	**11.00**	**2.468**	**116.4**
Stddev	8.8	2.052	.084	.63	.143	10.9
%RSD	3.011	84.31	6.234	5.753	5.814	9.348
#1	287.2	.0707	-1.286	10.30	2.624	120.0
#2	302.0	3.766	-1.448	11.53	2.438	125.0
#3	286.4	3.464	-1.327	11.17	2.342	104.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2236**	F **10920.**	F **10290.**	**-28.16**	**218.7**	**-32.39**
Stddev	.0473	398.	106.	1.58	1.8	30.02
%RSD	21.14	3.647	1.033	5.615	.8046	92.70
#1	-.2721	11380.	10230.	-28.23	216.8	-3.310
#2	-.2211	10630.	10410.	-29.71	220.3	-63.27
#3	-.1776	10770.	10220.	-26.55	219.0	-30.58
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		5000.	10000.			
Low Limit		-50.00	-20.00			

Sample Name: INT-10 Acquired: 3/9/2010 16:44:14 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**100.3**	F **10210.**	**54.98**	F **11080.**	**-8.568**	**6.109**
Stddev	3.6	36.	3.51	455.	.690	5.099
%RSD	3.573	.3508	6.393	4.105	8.047	83.47
#1	104.0	10170.	50.96	11600.	-9.363	11.75
#2	96.80	10240.	57.50	10770.	-8.215	1.818
#3	100.2	10220.	56.47	10860.	-8.127	4.763
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit		10000.		5000.		
Low Limit		-50.00		-50.00		

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-3.450**	**-1.289**	F **5034.**	**4.000**	**4.014**	F **5257.**
Stddev	.576	6.209	17.	.363	.848	208.
%RSD	16.69	481.5	.3400	9.079	21.13	3.965
#1	-2.791	-8.097	5054.	3.619	4.756	5495.
#2	-3.853	4.062	5024.	4.342	4.197	5111.
#3	-3.708	.1661	5025.	4.039	3.089	5163.
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Fail
High Limit			5000.			5000.
Low Limit			-50.00			-50.00

Sample Name: INT-10 Acquired: 3/9/2010 16:44:14 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	F **11050.**	F **10180.**	**10590.**
Stddev	436.	55.	352.
%RSD	3.943	.5385	3.319
#1	11550.	10120.	10990.
#2	10750.	10190.	10410.
#3	10850.	10230.	10370.
Check ?	Chk Fail	Chk Fail	Chk Pass
High Limit	2000.	10000.	
Low Limit	-50.00	-50.00	
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4932.7**	**136170.**	**18863.**
Stddev	134.7	226.	45.
%RSD	2.7306	.16576	.23893
#1	4778.4	136400.	18876.
#2	5026.7	135940.	18813.
#3	4992.9	136170.	18900.

Sample Name: mb 460-31540/1-a Acquired: 3/9/2010 16:51:19 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**25.85**	**.1716**	**.2290**	**-.1389**	**-.0307**	**45.93**
Stddev	6.65	.2060	.2190	.0136	.0807	1.61
%RSD	25.73	120.1	95.62	9.770	262.7	3.497
#1	25.27	.3846	.4363	-.1544	-.0421	45.78
#2	19.51	.1567	-.0001	-.1331	.0550	44.41
#3	32.77	-.0266	.2509	-.1292	-.1051	47.61
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0118**	**1.624**	**2.486**	**1.983**	**20.99**	**-41.33**
Stddev	.0196	.466	.189	2.429	5.37	13.04
%RSD	165.9	28.69	7.615	122.5	25.60	31.56
#1	.0291	2.128	2.657	4.443	16.82	-46.09
#2	.0159	1.537	2.283	1.921	27.05	-51.33
#3	-.0095	1.208	2.518	-.4135	19.10	-26.58
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-31540/1-a Acquired: 3/9/2010 16:51:19 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**51.36**	**2.704**	**29.40**	**1.355**	**-.6014**	**.3822**
Stddev	.60	.099	9.88	.553	.0764	.8879
%RSD	1.161	3.669	33.62	40.84	12.70	232.3
#1	51.04	2.593	17.99	1.980	-.6850	-.6113
#2	51.00	2.734	35.34	1.162	-.5353	.6597
#3	52.05	2.785	34.86	.9245	-.5838	1.098
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.024**	**.8486**	**1.403**	**2.359**	**2.079**	**3.265**
Stddev	.987	.2085	.047	.049	.134	.817
%RSD	96.38	24.57	3.383	2.078	6.444	25.03
#1	.1490	.9800	1.376	2.390	2.065	4.181
#2	.8296	.9576	1.457	2.302	1.952	3.004
#3	2.095	.6082	1.375	2.384	2.219	2.611
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-31540/1-a Acquired: 3/9/2010 16:51:19 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**2.632**	**2.026**	**2.988**
Stddev	.521	.164	.137
%RSD	19.79	8.078	4.577
#1	3.083	1.902	2.874
#2	2.751	1.964	2.951
#3	2.062	2.211	3.140
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5226.1**	**139920.**	**19031.**
Stddev	22.9	172.	22.
%RSD	.43835	.12297	.11629
#1	5204.4	139910.	19055.
#2	5223.9	140100.	19028.
#3	5250.1	139750.	19011.

Sample Name: lcs 460-31540/2-a Acquired: 3/9/2010 16:57:55 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2084.**	**2038.**	**48.72**	**2104.**	**50.26**	**20150.**
Stddev	24.	12.	.54	12.	.45	163.
%RSD	1.138	.5785	1.100	.5727	.8986	.8063
#1	2092.	2050.	48.38	2117.	50.45	20240.
#2	2103.	2026.	48.46	2093.	50.59	20260.
#3	2057.	2037.	49.34	2102.	49.75	19970.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**51.56**	**516.7**	**204.6**	**254.7**	**1100.**	**20760.**
Stddev	.27	2.6	1.5	2.4	3.	185.
%RSD	.5255	.5115	.7199	.9417	.2996	.8901
#1	51.86	517.8	202.9	257.2	1103.	20840.
#2	51.34	513.7	205.2	254.7	1101.	20890.
#3	51.48	518.7	205.6	252.4	1097.	20550.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-31540/2-a Acquired: 3/9/2010 16:57:55 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**20880.**	**536.9**	**20580.**	**530.8**	**532.7**	**501.2**
Stddev	88.	3.1	183.	3.9	3.4	2.8
%RSD	.4200	.5749	.8888	.7393	.6322	.5590
#1	20980.	533.4	20690.	535.4	536.6	504.2
#2	20840.	539.2	20680.	528.4	530.4	498.6
#3	20820.	538.1	20370.	528.7	531.2	500.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2067.**	**2279.**	**508.7**	**516.7**	**513.4**	**527.0**
Stddev	16.	13.	3.1	3.2	3.5	3.3
%RSD	.7788	.5852	.6047	.6232	.6742	.6301
#1	2084.	2293.	505.2	520.4	517.4	530.6
#2	2052.	2267.	510.7	514.3	511.0	524.2
#3	2065.	2276.	510.3	515.4	511.8	526.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-31540/2-a Acquired: 3/9/2010 16:57:55 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**553.7**	**500.7**	**542.5**
Stddev	3.7	5.4	2.3
%RSD	.6748	1.077	.4203
#1	558.0	503.1	545.1
#2	550.8	504.5	541.7
#3	552.5	494.6	540.7
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5203.6**	**136700.**	**19256.**
Stddev	27.9	630.	44.
%RSD	.53710	.46099	.23076
#1	5171.6	137410.	19205.
#2	5215.9	136220.	19276.
#3	5223.3	136470.	19286.

Sample Name: 460-11019-d-1-b du Acquired: 3/9/2010 17:04:25 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-5.699**	**1.001**	**-.4289**	**24.69**	**-.0318**	**18100.**
Stddev	10.27	.951	.1535	.17	.0370	32.
%RSD	180.2	95.02	35.79	.6890	116.5	.1773
#1	-14.68	1.857	-.5928	24.83	-.0681	18080.
#2	-7.915	-.0226	-.4054	24.73	.0059	18140.
#3	5.501	1.167	-.2885	24.50	-.0332	18090.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0059**	**.1200**	**.6503**	**33.83**	**1707.**	**2118.**
Stddev	.0197	.1415	.3700	1.85	11.	15.
%RSD	335.6	117.9	56.90	5.477	.6326	.7064
#1	.0165	.1936	.5920	35.14	1703.	2102.
#2	-.0203	.2096	.3129	31.71	1719.	2119.
#3	-.0137	-.0431	1.046	34.63	1699.	2132.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11019-d-1-b du Acquired: 3/9/2010 17:04:25 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4270.**	**26.96**	**76220.**	**5.491**	**7.314**	**.7036**
Stddev	25.	.07	133.	.136	.349	1.003
%RSD	.5842	.2741	.1746	2.473	4.777	142.5
#1	4249.	26.88	76070.	5.633	7.579	.5766
#2	4297.	26.99	76320.	5.478	7.446	1.764
#3	4264.	27.02	76270.	5.363	6.918	-.2295
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.266**	**1.425**	**.3612**	**20.31**	**26.46**	**1.060**
Stddev	.333	.403	.3207	.19	.34	.176
%RSD	26.32	28.30	88.79	.9322	1.281	16.64
#1	1.378	.9931	.1660	20.42	26.42	1.259
#2	.8908	1.489	.7313	20.43	26.81	.9966
#3	1.528	1.792	.1862	20.10	26.14	.9240
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11019-d-1-b du Acquired: 3/9/2010 17:04:25 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.4847**	**114.9**	**.5956**
Stddev	.2121	.3	.0873
%RSD	43.76	.2367	14.66
#1	.4282	114.6	.4962
#2	.7194	115.1	.6602
#3	.3066	114.9	.6303
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5143.1**	**134490.**	**19119.**
Stddev	13.7	240.	26.
%RSD	.26693	.17810	.13601
#1	5154.6	134250.	19149.
#2	5127.9	134720.	19106.
#3	5146.7	134510.	19103.

Sample Name: 460-11019-d-1-a Acquired: 3/9/2010 17:10:59 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-4.941**	**1.156**	**-.0150**	**24.53**	**-.0344**	**18220.**
Stddev	3.598	.713	.1932	.39	.0180	61.
%RSD	72.83	61.67	1288.	1.599	52.32	.3345
#1	-4.348	1.836	.0948	24.65	-.0551	18150.
#2	-1.676	.4140	.0983	24.10	-.0223	18250.
#3	-8.799	1.219	-.2381	24.86	-.0258	18260.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0363**	**-.0864**	**.2129**	**42.24**	**1749.**	**2150.**
Stddev	.0139	.0539	.1003	4.30	25.	42.
%RSD	38.47	62.43	47.08	10.17	1.453	1.949
#1	-.0258	-.1361	.3028	43.09	1747.	2112.
#2	-.0521	-.0940	.2313	37.58	1725.	2143.
#3	-.0308	-.0291	.1048	46.04	1776.	2195.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11019-d-1-a Acquired: 3/9/2010 17:10:59 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4321.**	**27.51**	**78620.**	**5.375**	**6.952**	**.0600**
Stddev	76.	.78	300.	.042	.132	.8276
%RSD	1.759	2.825	.3819	.7773	1.894	1378.
#1	4311.	27.08	78390.	5.417	6.848	.5494
#2	4250.	27.03	78960.	5.334	7.100	.5262
#3	4401.	28.40	78520.	5.374	6.909	-.8955
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3442**	**1.007**	**.0794**	**20.11**	**25.99**	**.5622**
Stddev	1.970	.513	.0926	.37	.34	.1548
%RSD	572.4	50.90	116.6	1.837	1.296	27.53
#1	2.548	.7520	-.0271	20.22	26.21	.7300
#2	-1.247	.6719	.1241	19.70	25.60	.5316
#3	-.2687	1.597	.1412	20.42	26.16	.4250
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11019-d-1-a Acquired: 3/9/2010 17:10:59 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.2954**	**119.5**	**.3363**
Stddev	.1116	.5	.0221
%RSD	37.77	.4430	6.565
#1	.3524	119.0	.3325
#2	.1669	120.1	.3163
#3	.3670	119.5	.3600
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5159.7**	**132170.**	**18769.**
Stddev	48.1	2574.	100.
%RSD	.93240	1.9478	.53351
#1	5137.8	133370.	18770.
#2	5214.9	133920.	18668.
#3	5126.5	129210.	18868.

Sample Name: sd 460-11019-d-1-a@5 Acquired: 3/9/2010 17:17:33 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-4.079**	**-.3483**	**-.0864**	**4.873**	**-.0555**	**3638.**
Stddev	4.127	.5611	.1535	.053	.0186	4.
%RSD	101.2	161.1	177.7	1.090	33.44	.1176
#1	.4161	-.4767	-.2456	4.922	-.0597	3642.
#2	-7.697	-.8340	-.0743	4.881	-.0716	3634.
#3	-4.957	.2660	.0607	4.817	-.0352	3637.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0127**	**.1083**	**.0184**	**8.945**	**349.3**	**404.0**
Stddev	.0238	.0302	.1829	3.089	1.0	26.9
%RSD	186.7	27.83	992.4	34.54	.2769	6.655
#1	-.0006	.0884	.1976	10.18	348.6	373.3
#2	-.0402	.0935	-.1680	11.23	348.9	415.8
#3	.0025	.1430	.0257	5.429	350.4	423.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-11019-d-1-a@5 Acquired: 3/9/2010 17:17:33 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**872.1**	**5.381**	**15450.**	**1.138**	**.8959**	**.9644**
Stddev	1.5	.054	12.	.163	.4736	.4614
%RSD	.1765	1.002	.0807	14.35	52.87	47.84
#1	872.5	5.360	15470.	1.054	.4577	.4787
#2	873.3	5.341	15450.	1.034	1.398	1.397
#3	870.3	5.442	15440.	1.326	.8316	1.018
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.633**	**.2474**	**.2158**	**4.042**	**5.894**	**.2013**
Stddev	.415	.4476	.3264	.062	.202	.0364
%RSD	25.43	181.0	151.3	1.534	3.430	18.08
#1	1.790	-.1358	.3092	4.091	5.850	.2430
#2	1.162	.1385	.4853	4.062	6.114	.1851
#3	1.947	.7394	-.1472	3.972	5.717	.1759
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-11019-d-1-a@5 Acquired: 3/9/2010 17:17:33 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.5606**	**23.04**	**.0120**
Stddev	.1819	.10	.0214
%RSD	32.44	.4477	178.1
#1	.3644	23.10	.0360
#2	.7236	22.92	-.0052
#3	.5939	23.11	.0053
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5250.2**	**138070.**	**19128.**
Stddev	5.6	329.	36.
%RSD	.10642	.23802	.19018
#1	5244.0	137940.	19086.
#2	5251.6	138440.	19152.
#3	5254.9	137820.	19146.

Sample Name: 460-11019-d-1-c ms Acquired: 3/9/2010 17:24:09 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2111.**	**2086.**	**49.13**	**2134.**	**51.42**	**39300.**
Stddev	2.	18.	.46	17.	.02	64.
%RSD	.1035	.8695	.9402	.7961	.0481	.1620
#1	2110.	2076.	49.31	2124.	51.43	39230.
#2	2109.	2107.	48.61	2154.	51.40	39300.
#3	2113.	2074.	49.47	2125.	51.44	39360.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**51.57**	**520.5**	**205.9**	**298.6**	**2782.**	**23410.**
Stddev	.49	3.9	1.8	2.9	4.	153.
%RSD	.9479	.7481	.8684	.9646	.1402	.6525
#1	51.28	517.6	206.3	295.5	2779.	23250.
#2	52.14	524.9	204.0	299.1	2780.	23420.
#3	51.30	519.1	207.5	301.2	2786.	23560.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11019-d-1-c ms Acquired: 3/9/2010 17:24:09 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**25130.**	**560.1**	**99310.**	**536.0**	**534.8**	**509.5**
Stddev	33.	4.0	518.	4.5	4.7	3.2
%RSD	.1300	.7070	.5218	.8480	.8830	.6235
#1	25090.	560.9	98860.	533.0	530.6	507.3
#2	25160.	555.7	99190.	541.2	539.9	513.1
#3	25140.	563.5	99880.	533.7	534.0	508.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2085.**	**2228.**	**512.6**	**542.2**	**546.4**	**531.5**
Stddev	17.	16.	4.3	4.9	3.5	4.2
%RSD	.7964	.7332	.8331	.9000	.6383	.7916
#1	2074.	2217.	513.4	538.6	543.8	528.4
#2	2104.	2247.	508.0	547.7	550.4	536.3
#3	2078.	2219.	516.5	540.3	545.1	529.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11019-d-1-c ms Acquired: 3/9/2010 17:24:09 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**560.2**	**633.1**	**547.1**
Stddev	5.5	1.8	.8
%RSD	.9808	.2781	.1381
#1	556.0	631.1	546.2
#2	566.4	633.9	547.6
#3	558.1	634.4	547.4
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5011.9**	**132140.**	**18562.**
Stddev	31.6	404.	109.
%RSD	.63106	.30592	.58535
#1	5033.7	132290.	18666.
#2	4975.7	132440.	18570.
#3	5026.5	131680.	18449.

Sample Name: 460-11028-a-10-b Acquired: 3/9/2010 17:30:39 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-12.86**	**.8291**	**.0032**	**.2487**	**.0034**	**61.66**
Stddev	1.87	.2478	.1791	.0511	.0401	6.37
%RSD	14.58	29.88	5644.	20.55	1196.	10.33
#1	-11.48	.7252	.2095	.3072	-.0072	59.58
#2	-12.10	.6503	-.0879	.2128	.0477	56.59
#3	-14.99	1.112	-.1121	.2260	-.0304	68.81
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0234**	**.1407**	**.2026**	**-.1433**	**1.376**	**7.411**
Stddev	.0046	.0912	.3030	1.967	5.456	28.00
%RSD	19.47	64.78	149.5	1372.	396.5	377.8
#1	-.0282	.2460	.4837	.8101	6.625	30.56
#2	-.0191	.0895	.2425	1.165	1.769	-23.71
#3	-.0230	.0867	-.1183	-2.405	-4.266	15.39
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-10-b Acquired: 3/9/2010 17:30:39 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.304**	**.0409**	**80.42**	**.1004**	**-.2248**	**.8243**
Stddev	1.247	.0119	12.53	.0425	.6344	.4797
%RSD	54.13	29.17	15.58	42.39	282.2	58.19
#1	1.125	.0288	85.08	.1140	.1679	1.313
#2	2.178	.0412	66.23	.0527	.1144	.3541
#3	3.610	.0527	89.96	.1344	-.9567	.8059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.044**	**1.393**	**.4259**	**7.958**	**3.566**	**.5118**
Stddev	1.187	.378	.1365	.021	.341	.1316
%RSD	113.7	27.10	32.05	.2667	9.557	25.71
#1	-.2324	1.605	.5810	7.970	3.958	.6575
#2	2.115	1.617	.3240	7.934	3.338	.4017
#3	1.248	.9571	.3727	7.971	3.402	.4761
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-10-b Acquired: 3/9/2010 17:30:39 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.4195**	**.0074**	**.0248**
Stddev	.6028	.0510	.0388
%RSD	143.7	692.7	156.7
#1	.8518	-.0470	-.0197
#2	.6757	.0542	.0420
#3	-.2691	.0149	.0519
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5324.4**	**139850.**	**19241.**
Stddev	9.6	729.	60.
%RSD	.18009	.52150	.31237
#1	5315.2	139090.	19310.
#2	5334.4	139920.	19202.
#3	5323.7	140550.	19211.

Sample Name: CCV Acquired: 3/9/2010 17:37:15 Type: QC
Method: SW846O2102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123500.**	**2521.**	**1232.**	**10310.**	**1007.**	**125800.**
Stddev	699.	8.	21.	32.	6.	688.
%RSD	.5662	.3056	1.732	.3132	.5846	.5467
#1	123800.	2515.	1257.	10270.	1011.	126300.
#2	124000.	2530.	1221.	10330.	1010.	126000.
#3	122700.	2519.	1219.	10330.	1000.	125000.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1262.**	**2542.**	**5009.**	**12500.**	**100600.**	**48960.**
Stddev	4.	20.	110.	68.	289.	297.
%RSD	.2781	.7839	2.198	.5461	.2869	.6060
#1	1258.	2519.	5136.	12540.	100900.	49110.
#2	1265.	2551.	4950.	12540.	100300.	49160.
#3	1264.	2556.	4940.	12420.	100500.	48620.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/9/2010 17:37:15 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123700.**	**5118.**	**124200.**	**2550.**	**7618.**	**1016.**
Stddev	484.	85.	697.	6.	30.	4.
%RSD	.3913	1.664	.5614	.2549	.3953	.3984
#1	123300.	5204.	124300.	2542.	7583.	1011.
#2	123600.	5034.	124800.	2555.	7634.	1017.
#3	124200.	5115.	123400.	2552.	7636.	1019.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2528.**	**2571.**	**2485.**	**2545.**	**1027.**	**2470.**
Stddev	8.	8.	46.	10.	5.	8.
%RSD	.3015	.3034	1.844	.3858	.4592	.3364
#1	2519.	2562.	2538.	2534.	1022.	2460.
#2	2531.	2576.	2458.	2551.	1030.	2475.
#3	2534.	2576.	2459.	2551.	1030.	2475.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/9/2010 17:37:15 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1002.**	**5072.**	**10070.**
Stddev	2.	29.	51.
%RSD	.1885	.5622	.5106
#1	1000.	5051.	10090.
#2	1004.	5104.	10010.
#3	1003.	5059.	10110.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4808.2**	**127380.**	**18777.**
Stddev	12.6	1676.	85.
%RSD	.26303	1.3158	.45438
#1	4822.7	125440.	18781.
#2	4801.9	128330.	18690.
#3	4799.9	128360.	18860.

Sample Name: CCB Acquired: 3/9/2010 17:44:23 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7.992**	**.5771**	**-.0064**	**1.985**	**.0160**	**8.911**
Stddev	4.795	.1839	.1497	.731	.0176	13.27
%RSD	60.00	31.88	2341.	36.82	110.0	149.0
#1	9.292	.3939	-.1163	1.729	.0360	5.955
#2	2.681	.7618	-.0670	1.417	.0092	23.41
#3	12.00	.5755	.1641	2.810	.0028	-2.636
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2398**	**.5463**	**.6829**	**.6930**	**8.912**	**-5.484**
Stddev	.0846	.3577	.0584	3.289	3.055	23.71
%RSD	35.29	65.47	8.557	474.6	34.28	432.4
#1	.2386	.4567	.6361	-2.910	8.131	-21.29
#2	.1558	.2420	.6642	1.455	12.28	-16.94
#3	.3251	.9402	.7484	3.534	6.323	21.78
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/9/2010 17:44:23 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11.43**	**.6406**	**44.91**	**.3818**	**1.212**	**.5834**
Stddev	1.73	.1160	9.57	.1794	.291	.6112
%RSD	15.18	18.11	21.30	46.99	24.03	104.8
#1	9.430	.5241	34.23	.2339	1.201	.0728
#2	12.53	.6416	52.70	.3303	1.509	1.261
#3	12.33	.7561	47.79	.5814	.9265	.4169
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.445**	**2.907**	**.3893**	**.4285**	**2.180**	**1.837**
Stddev	1.193	1.237	.1285	.1314	.196	.291
%RSD	48.78	42.55	33.00	30.66	9.003	15.87
#1	1.258	3.153	.4288	.3796	2.389	2.120
#2	3.644	4.003	.4933	.3286	2.000	1.853
#3	2.433	1.566	.2457	.5773	2.150	1.538
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/9/2010 17:44:23 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3644**	**.2849**	**1.704**
Stddev	.2536	.0254	.111
%RSD	69.58	8.914	6.486
#1	.3354	.3026	1.576
#2	.6313	.2558	1.765
#3	.1266	.2964	1.771
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5271.2**	**139320.**	**18900.**
Stddev	3.9	120.	8.
%RSD	.07375	.08634	.04455
#1	5274.3	139300.	18890.
#2	5266.8	139440.	18904.
#3	5272.5	139200.	18905.

Sample Name: 460-11019-a-3-a Acquired: 3/9/2010 17:50:59 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.796**	**1.280**	**.2419**	**25.27**	**-.0006**	**18500.**
Stddev	11.72	.273	.1404	.09	.0324	42.
%RSD	652.4	21.30	58.05	.3748	5331.	.2288
#1	-3.135	1.381	.0821	25.38	.0294	18460.
#2	15.17	.9712	.2977	25.20	-.0350	18490.
#3	-6.650	1.487	.3458	25.24	.0038	18540.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0463**	**.1823**	**.4855**	**26.87**	**1514.**	**2110.**
Stddev	.0548	.0597	.1939	1.74	7.	25.
%RSD	118.5	32.76	39.95	6.474	.4676	1.172
#1	.1027	.1151	.2911	26.25	1511.	2116.
#2	.0429	.2028	.4864	25.53	1522.	2083.
#3	-.0068	.2292	.6789	28.83	1509.	2131.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11019-a-3-a Acquired: 3/9/2010 17:50:59 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4560.**	**24.07**	**77540.**	**69.39**	**5.000**	**.5452**
Stddev	10.	.03	154.	.06	.496	.3005
%RSD	.2136	.1089	.1980	.0864	9.909	55.12
#1	4549.	24.08	77400.	69.39	5.556	.4251
#2	4565.	24.09	77520.	69.33	4.606	.3233
#3	4566.	24.04	77710.	69.45	4.839	.8872
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.272**	**.8261**	**.2864**	**13.01**	**13.94**	**.4776**
Stddev	.611	.3920	.2582	.07	.24	.0519
%RSD	48.01	47.46	90.15	.5011	1.713	10.86
#1	1.917	1.257	.5524	13.08	13.69	.4222
#2	.7019	.7314	.0368	12.98	14.17	.5250
#3	1.198	.4901	.2699	12.96	13.96	.4855
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11019-a-3-a Acquired: 3/9/2010 17:50:59 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.4147**	**119.7**	**.8941**
Stddev	.0914	.2	.0838
%RSD	22.05	.2066	9.372
#1	.3276	119.8	.8608
#2	.4065	119.4	.8321
#3	.5099	119.9	.9895
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5241.8**	**135050.**	**19212.**
Stddev	10.6	191.	75.
%RSD	.20164	.14176	.39017
#1	5248.1	134950.	19284.
#2	5247.7	134940.	19217.
#3	5229.6	135270.	19134.

Sample Name: 460-11019-c-4-a Acquired: 3/9/2010 17:57:34 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.571**	**4.191**	**.1283**	**32.31**	**-.0163**	**18340.**
Stddev	1.991	1.020	.1985	.29	.0268	36.
%RSD	55.75	24.33	154.6	.8848	164.3	.1981
#1	5.843	3.438	.3538	32.63	-.0391	18360.
#2	2.127	3.783	.0514	32.21	.0133	18300.
#3	2.744	5.351	-.0202	32.09	-.0232	18360.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0137**	**.3636**	**.5476**	**5.850**	**5578.**	**2124.**
Stddev	.0195	.0670	.1060	3.247	25.	17.
%RSD	142.1	18.44	19.36	55.51	.4509	.8072
#1	-.0361	.3655	.4720	9.557	5605.	2115.
#2	-.0008	.2957	.6688	3.511	5555.	2144.
#3	-.0042	.4297	.5019	4.481	5575.	2114.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11019-c-4-a Acquired: 3/9/2010 17:57:34 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4353.**	**305.5**	**79520.**	**.4983**	**2.913**	**.2092**
Stddev	14.	.6	214.	.0943	.375	1.148
%RSD	.3221	.2105	.2685	18.92	12.88	548.6
#1	4369.	306.1	79710.	.6053	2.726	-1.115
#2	4345.	304.9	79290.	.4272	3.344	.9103
#3	4345.	305.5	79560.	.4625	2.668	.8328
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.5553**	**.0426**	**.3803**	**19.33**	**30.47**	**.3610**
Stddev	.5284	.5047	.1481	.15	.33	.0500
%RSD	95.16	1184.	38.95	.7807	1.068	13.85
#1	-.0532	.6244	.2228	19.50	30.85	.3955
#2	.8983	-.2778	.5168	19.20	30.31	.3838
#3	.8207	-.2187	.4013	19.31	30.26	.3036
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11019-c-4-a Acquired: 3/9/2010 17:57:34 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3670**	**117.5**	**.6001**
Stddev	.2459	.2	.0461
%RSD	67.00	.2018	7.676
#1	.6114	117.4	.5497
#2	.3699	117.3	.6401
#3	.1197	117.7	.6104
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5175.5**	**135240.**	**19007.**
Stddev	24.5	88.	79.
%RSD	.47341	.06539	.41456
#1	5148.2	135140.	18934.
#2	5182.6	135310.	19090.
#3	5195.6	135280.	18997.

Sample Name: 460-11019-a-5-a Acquired: 3/9/2010 18:04:09 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2524**	**3.581**	**-.3219**	**29.35**	**-.0449**	**17850.**
Stddev	10.71	.301	.0257	.10	.0350	93.
%RSD	4243.	8.406	7.978	.3248	77.92	.5220
#1	-7.595	3.631	-.3263	29.45	-.0063	17740.
#2	-5.195	3.854	-.2943	29.32	-.0540	17890.
#3	12.03	3.258	-.3451	29.27	-.0744	17910.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0265**	**.2115**	**.0958**	**2.589**	**4240.**	**2054.**
Stddev	.0210	.1861	.0844	1.579	16.	32.
%RSD	78.96	87.98	88.08	60.98	.3708	1.565
#1	.0496	.3907	.1068	.9612	4257.	2019.
#2	.0086	.0193	.1742	2.692	4236.	2082.
#3	.0214	.2245	.0065	4.113	4226.	2062.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11019-a-5-a Acquired: 3/9/2010 18:04:09 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4250.**	**258.1**	**77870.**	**.2336**	**.7540**	**-.1096**
Stddev	6.	.8	385.	.1129	.7116	.0265
%RSD	.1436	.3240	.4941	48.31	94.37	24.18
#1	4257.	257.1	77440.	.3489	.1025	-.0790
#2	4246.	258.8	78040.	.2287	.6462	-.1247
#3	4246.	258.4	78150.	.1233	1.513	-.1251
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.221**	**-.1149**	**.2143**	**5.699**	**29.60**	**.3623**
Stddev	1.576	.4578	.1664	.039	.06	.1783
%RSD	129.0	398.4	77.62	.6753	.2031	49.23
#1	-2.825	.1792	.4064	5.699	29.67	.3528
#2	.3257	.1184	.1172	5.660	29.59	.1889
#3	-1.165	-.6423	.1194	5.737	29.55	.5451
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11019-a-5-a Acquired: 3/9/2010 18:04:09 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1590**	**113.7**	**.3931**
Stddev	.2125	.7	.0305
%RSD	133.7	.5989	7.758
#1	.0724	112.9	.4249
#2	.0034	114.0	.3903
#3	.4012	114.1	.3641
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5224.1**	**135530.**	**19076.**
Stddev	27.6	157.	49.
%RSD	.52926	.11594	.25433
#1	5193.3	135450.	19129.
#2	5232.3	135440.	19034.
#3	5246.7	135720.	19065.

Sample Name: 460-11019-a-6-a Acquired: 3/9/2010 18:10:42 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**16.78**	**5.219**	**-.0869**	**29.84**	**.0001**	**17260.**
Stddev	13.53	.812	.2222	.40	.0506	160.
%RSD	80.63	15.55	255.7	1.354	38620.	.9259
#1	2.381	6.103	-.1760	29.63	-.0035	17150.
#2	18.73	5.045	-.2507	29.58	.0525	17180.
#3	29.23	4.508	.1660	30.30	-.0486	17440.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0065**	**.5892**	**.0145**	**3.326**	**9772.**	**1941.**
Stddev	.0323	.1048	.0841	1.314	122.	54.
%RSD	497.2	17.79	578.5	39.51	1.250	2.765
#1	-.0423	.7101	-.0539	3.184	9704.	1958.
#2	.0021	.5347	-.0110	4.705	9699.	1881.
#3	.0206	.5229	.1085	2.089	9913.	1985.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11019-a-6-a Acquired: 3/9/2010 18:10:42 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4374.**	**278.2**	**92040.**	**.3703**	**1.392**	**-.3990**
Stddev	51.	1.0	727.	.0975	.365	.0639
%RSD	1.169	.3553	.7901	26.33	26.21	16.01
#1	4346.	277.8	91530.	.3508	1.003	-.3375
#2	4344.	277.5	91720.	.2840	1.445	-.3946
#3	4433.	279.3	92880.	.4760	1.727	-.4650
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0445**	**.0364**	**.4427**	**6.579**	**30.77**	**.4195**
Stddev	.8428	.5304	.2812	.121	.31	.0941
%RSD	1895.	1457.	63.53	1.843	1.009	22.43
#1	-.7614	.0963	.5490	6.548	30.54	.4500
#2	.9199	.5343	.6553	6.477	30.65	.4945
#3	-.0250	-.5214	.1238	6.713	31.13	.3139
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11019-a-6-a Acquired: 3/9/2010 18:10:42 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.0623**	**107.4**	**.2705**
Stddev	.2674	1.0	.0305
%RSD	428.9	.9118	11.27
#1	.2440	106.8	.2715
#2	-.2486	106.8	.3005
#3	-.1824	108.5	.2395
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5148.4**	**133800.**	**18977.**
Stddev	56.1	299.	131.
%RSD	1.0889	.22363	.68824
#1	5180.9	133890.	19061.
#2	5180.6	134040.	19043.
#3	5083.6	133460.	18827.

Sample Name: 460-10889-d-11-b Acquired: 3/9/2010 18:17:17 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**17340.**	**2.823**	**5.117**	**286.1**	**.5046**	**40770.**
Stddev	279.	.738	.268	2.9	.0025	576.
%RSD	1.610	26.14	5.235	1.005	.4956	1.413
#1	17400.	2.642	4.847	282.8	.5042	40900.
#2	17580.	2.193	5.122	288.1	.5023	41280.
#3	17030.	3.635	5.383	287.5	.5073	40140.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0134**	**9.276**	**18.51**	**25.84**	**23500.**	**8178.**
Stddev	.0207	.149	.20	.93	245.	85.
%RSD	154.7	1.603	1.083	3.590	1.043	1.037
#1	.0098	9.105	18.50	25.98	23230.	8146.
#2	-.0199	9.345	18.31	24.85	23570.	8274.
#3	-.0301	9.377	18.71	26.69	23700.	8113.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-11-b Acquired: 3/9/2010 18:17:17 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**21210.**	**78.67**	**142600.**	**22.94**	**15.30**	**-.1344**
Stddev	197.	.89	2473.	.30	.43	.9195
%RSD	.9265	1.130	1.734	1.306	2.832	684.0
#1	20990.	77.73	143600.	22.61	15.63	.4539
#2	21280.	78.79	144500.	23.05	15.46	-1.194
#3	21370.	79.49	139800.	23.18	14.81	.3368
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.5562**	**.8487**	**30.11**	**30.64**	**28.19**	**.1354**
Stddev	1.120	.2336	.23	.35	.18	.0402
%RSD	201.4	27.53	.7522	1.134	.6430	29.65
#1	1.841	1.093	29.93	30.24	28.26	.1462
#2	-.2152	.8268	30.03	30.79	27.99	.0910
#3	.0430	.6268	30.36	30.89	28.33	.1691
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-11-b Acquired: 3/9/2010 18:17:17 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1441**	**323.2**	**253.5**
Stddev	.0261	4.5	2.2
%RSD	18.11	1.397	.8741
#1	.1635	323.3	251.0
#2	.1144	327.6	254.3
#3	.1544	318.6	255.2
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5231.0**	**136070.**	**19479.**
Stddev	30.3	949.	240.
%RSD	.57945	.69756	1.2304
#1	5261.7	137160.	19427.
#2	5201.1	135440.	19269.
#3	5230.2	135610.	19740.

Sample Name: 460-10889-d-12-b Acquired: 3/9/2010 18:24:00 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1294.**	**13.23**	**3.387**	**615.4**	**.0023**	**67250.**
Stddev	2.	.90	.056	1.1	.0108	103.
%RSD	.1490	6.778	1.642	.1730	465.2	.1526
#1	1293.	14.11	3.359	614.8	.0145	67290.
#2	1297.	13.28	3.451	616.6	-.0062	67130.
#3	1293.	12.32	3.350	614.8	-.0013	67320.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.1251**	**3.102**	**1.467**	**1.379**	**28410.**	**14740.**
Stddev	.0516	.222	.069	2.450	76.	76.
%RSD	41.26	7.152	4.669	177.6	.2663	.5128
#1	-.0838	3.021	1.498	.2617	28330.	14790.
#2	-.1086	2.932	1.388	-.3124	28410.	14780.
#3	-.1830	3.353	1.514	4.188	28490.	14660.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-12-b Acquired: 3/9/2010 18:24:00 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**24990.**	**932.9**	**203900.**	**3.111**	**3.080**	**.6099**
Stddev	60.	2.8	2112.	.096	.244	.8471
%RSD	.2413	.2961	1.036	3.077	7.912	138.9
#1	24920.	934.6	203900.	3.077	2.799	.0260
#2	25020.	934.4	201700.	3.037	3.219	.2223
#3	25040.	929.7	206000.	3.219	3.223	1.582
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0134**	**-1.834**	**2.423**	**11.43**	**35.42**	**.3141**
Stddev	.4991	.885	.268	.03	.21	.1241
%RSD	3716.	48.25	11.04	.2650	.5900	39.50
#1	-.5628	-1.831	2.732	11.46	35.19	.3557
#2	.3028	-.9507	2.260	11.40	35.61	.4120
#3	.3003	-2.721	2.278	11.43	35.45	.1746
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-12-b Acquired: 3/9/2010 18:24:00 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.204**	**694.6**	**23.06**
Stddev	.083	.6	.81
%RSD	6.890	.0834	3.497
#1	1.134	695.3	23.98
#2	1.296	694.4	22.48
#3	1.182	694.2	22.71
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5081.4**	**130520.**	**19001.**
Stddev	11.7	504.	80.
%RSD	.23084	.38645	.42364
#1	5094.9	130220.	18986.
#2	5075.6	130240.	19087.
#3	5073.7	131110.	18928.

Sample Name: 460-10889-d-13-b Acquired: 3/9/2010 18:30:44 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1564.**	**1.430**	**1.895**	**483.7**	**-.0805**	**96060.**
Stddev	7.	.854	.097	6.7	.0068	365.
%RSD	.4489	59.72	5.107	1.381	8.456	.3800
#1	1559.	1.993	1.953	490.7	-.0740	95670.
#2	1572.	.4474	1.783	482.9	-.0799	96390.
#3	1560.	1.849	1.949	477.4	-.0876	96120.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0849**	**.4859**	**2.104**	**.6113**	**11380.**	**23790.**
Stddev	.0371	.0258	.154	1.667	121.	38.
%RSD	43.72	5.309	7.297	272.7	1.064	.1577
#1	-.0542	.4568	1.927	-.0712	11500.	23810.
#2	-.1261	.4951	2.178	-.6059	11360.	23800.
#3	-.0743	.5058	2.206	2.511	11260.	23740.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-13-b Acquired: 3/9/2010 18:30:44 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**16340.**	**627.6**	**219000.**	**1.750**	**2.748**	**.1542**
Stddev	184.	4.4	696.	.270	.627	.2909
%RSD	1.124	.7011	.3176	15.41	22.82	188.6
#1	16530.	631.7	218500.	1.988	2.048	.0177
#2	16330.	628.0	219800.	1.804	2.940	.4883
#3	16170.	623.0	218700.	1.457	3.258	-.0433
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.8110**	**-.6656**	**2.699**	**7.790**	**39.63**	**-.1916**
Stddev	1.146	.5949	.348	.062	.60	.1826
%RSD	141.3	89.39	12.89	.7928	1.521	95.33
#1	2.113	-1.065	2.838	7.787	39.57	-.3385
#2	.3667	-.9500	2.303	7.853	40.26	-.2491
#3	-.0467	.0182	2.957	7.730	39.06	.0129
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-13-b Acquired: 3/9/2010 18:30:44 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.0464**	**973.1**	**22.86**
Stddev	.3746	1.0	.44
%RSD	807.3	.1012	1.934
#1	.3564	973.0	23.36
#2	-.1113	974.2	22.56
#3	-.3844	972.2	22.65
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5046.8**	**130690.**	**18910.**
Stddev	55.3	857.	88.
%RSD	1.0954	.65540	.46472
#1	4989.4	129850.	18978.
#2	5051.4	130640.	18811.
#3	5099.7	131560.	18941.

Sample Name: 460-10889-d-14-b Acquired: 3/9/2010 18:37:26 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1001.**	**1.831**	**.6409**	**57.66**	**.0104**	**15410.**
Stddev	13.	1.467	.1926	.48	.0163	106.
%RSD	1.326	80.11	30.05	.8365	157.5	.6907
#1	998.4	2.015	.5570	58.02	-.0075	15310.
#2	989.1	3.197	.5045	57.11	.0142	15410.
#3	1015.	.2809	.8612	57.85	.0245	15520.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0275**	**2.295**	**1.861**	**20.58**	**1457.**	**1636.**
Stddev	.0556	.054	.147	4.54	16.	25.
%RSD	202.1	2.364	7.884	22.06	1.127	1.537
#1	-.0909	2.234	1.728	15.35	1467.	1665.
#2	.0132	2.316	2.019	22.82	1438.	1626.
#3	-.0048	2.337	1.837	23.56	1466.	1618.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-14-b Acquired: 3/9/2010 18:37:26 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12960.**	**329.4**	**58720.**	**1.438**	**2.055**	**-.0574**
Stddev	119.	3.8	316.	.049	.369	.1153
%RSD	.9160	1.143	.5385	3.433	17.96	200.7
#1	13050.	326.9	58410.	1.422	1.952	.0643
#2	12830.	327.6	58720.	1.398	1.748	-.0718
#3	13010.	333.7	59040.	1.493	2.464	-.1649
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.028**	**.4181**	**8.023**	**6.234**	**21.56**	**3.634**
Stddev	1.102	.3620	.044	.073	.23	.081
%RSD	107.2	86.57	.5532	1.164	1.064	2.217
#1	-.2398	.3659	8.071	6.222	21.76	3.714
#2	1.572	.0851	8.016	6.168	21.31	3.553
#3	1.752	.8033	7.983	6.311	21.60	3.637
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-14-b Acquired: 3/9/2010 18:37:26 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.0131**	**125.3**	**22.89**
Stddev	.0471	.8	1.12
%RSD	361.2	.6212	4.870
#1	.0065	124.6	22.94
#2	.0212	125.3	23.98
#3	-.0668	126.1	21.75
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5344.8**	**135350.**	**19319.**
Stddev	36.0	847.	185.
%RSD	.67364	.62545	.95699
#1	5305.5	136200.	19469.
#2	5376.2	135340.	19375.
#3	5352.8	134510.	19112.

Sample Name: 460-10889-d-15-b Acquired: 3/9/2010 18:44:01 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1562.**	**-.0410**	**1.145**	**159.3**	**.2209**	**35640.**
Stddev	8.	.3008	.198	.8	.0180	147.
%RSD	.5019	734.6	17.26	.4721	8.127	.4131
#1	1571.	.0759	1.199	160.0	.2249	35710.
#2	1559.	.1839	1.310	159.3	.2366	35750.
#3	1557.	-.3827	.9261	158.5	.2013	35480.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0225**	**1.588**	**2.921**	**-1.320**	**3561.**	**4437.**
Stddev	.0474	.116	.247	1.351	14.	20.
%RSD	210.4	7.292	8.466	102.3	.4061	.4554
#1	-.0211	1.721	3.156	.2398	3573.	4416.
#2	.0729	1.526	2.944	-2.103	3565.	4437.
#3	.0158	1.516	2.663	-2.098	3545.	4457.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-15-b Acquired: 3/9/2010 18:44:01 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18590.**	**18.30**	**33220.**	**2.762**	**4.341**	**.3586**
Stddev	80.	.06	65.	.094	.189	.1722
%RSD	.4323	.3182	.1947	3.395	4.343	48.01
#1	18640.	18.31	33250.	2.745	4.183	.5573
#2	18630.	18.36	33260.	2.864	4.291	.2646
#3	18500.	18.25	33140.	2.679	4.550	.2539
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4505**	**-.1671**	**2.980**	**9.334**	**22.57**	**-.1322**
Stddev	.4065	.2739	.062	.138	.48	.1084
%RSD	90.23	163.9	2.078	1.482	2.147	82.01
#1	.8764	-.1526	2.922	9.373	23.04	-.0083
#2	.4082	.0993	2.972	9.449	22.60	-.1787
#3	.0668	-.4479	3.046	9.180	22.08	-.2096
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-15-b Acquired: 3/9/2010 18:44:01 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.0233**	**262.1**	**35.16**
Stddev	.3774	.6	.46
%RSD	1617.	.2370	1.313
#1	.4107	262.0	34.98
#2	-.2059	262.7	35.68
#3	-.2747	261.5	34.81
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5235.9**	**135120.**	**19108.**
Stddev	12.8	279.	34.
%RSD	.24381	.20637	.17850
#1	5229.2	135010.	19128.
#2	5228.0	134910.	19068.
#3	5250.7	135430.	19127.

Sample Name: 460-10889-d-16-b Acquired: 3/9/2010 18:50:35 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1343.**	**13.94**	**2.925**	**462.9**	**-.0115**	**36930.**
Stddev	68.	.47	.369	2.0	.0237	1739.
%RSD	5.058	3.338	12.60	.4337	205.8	4.708
#1	1421.	13.51	3.160	460.6	.0148	38940.
#2	1300.	14.44	3.115	463.9	-.0182	36060.
#3	1308.	13.87	2.500	464.3	-.0312	35800.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.3794**	**13.06**	**.3297**	**1.128**	**84760.**	**4204.**
Stddev	.0164	.10	.3076	1.888	306.	169.
%RSD	4.314	.7642	93.28	167.4	.3606	4.009
#1	-.3638	13.04	.6836	1.764	84410.	4398.
#2	-.3964	12.97	.1272	2.616	84870.	4116.
#3	-.3779	13.17	.1783	-.9958	84990.	4097.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-16-b Acquired: 3/9/2010 18:50:35 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**31000.**	**2407.**	**72030.**	**1.477**	**2.482**	**-1.801**
Stddev	94.	39.	3114.	.118	.442	1.136
%RSD	.3021	1.606	4.324	7.982	17.81	63.10
#1	30900.	2366.	75620.	1.356	2.095	-.5101
#2	31020.	2410.	70460.	1.484	2.388	-2.650
#3	31080.	2443.	70020.	1.592	2.964	-2.243
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3139**	**-3.397**	**3.749**	**5.378**	**150.2**	**5.647**
Stddev	.8939	.399	.247	.063	.8	.171
%RSD	284.8	11.75	6.594	1.165	.5478	3.035
#1	-.6466	-3.344	3.563	5.390	149.3	5.572
#2	1.122	-3.820	4.029	5.310	150.6	5.526
#3	.4666	-3.026	3.653	5.434	150.8	5.843
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-16-b Acquired: 3/9/2010 18:50:35 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3549**	**316.2**	**27.54**
Stddev	.2777	14.7	1.58
%RSD	78.25	4.652	5.747
#1	.4171	333.1	26.22
#2	.0514	308.8	27.11
#3	.5963	306.6	29.30
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5121.5**	**135160.**	**19130.**
Stddev	8.8	1669.	621.
%RSD	.17179	1.2349	3.2478
#1	5119.2	137000.	18418.
#2	5114.1	134750.	19412.
#3	5131.3	133740.	19560.

Sample Name: CCV Acquired: 3/9/2010 18:57:20 Type: QC
Method: SW846O2102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**124300.**	**2483.**	**1233.**	**10140.**	**1014.**	**126500.**
Stddev	26.	13.	3.	52.	1.	136.
%RSD	.0210	.5267	.2285	.5132	.1441	.1074
#1	124300.	2497.	1236.	10190.	1013.	126500.
#2	124300.	2481.	1231.	10140.	1014.	126400.
#3	124400.	2471.	1231.	10080.	1016.	126600.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1242.**	**2513.**	**5072.**	**12580.**	**98950.**	**49140.**
Stddev	7.	7.	32.	22.	224.	61.
%RSD	.5796	.2831	.6363	.1746	.2268	.1246
#1	1249.	2521.	5109.	12570.	99200.	49120.
#2	1242.	2508.	5057.	12570.	98770.	49080.
#3	1235.	2509.	5050.	12610.	98870.	49200.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/9/2010 18:57:20 Type: QC
Method: SW846O2102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**122800.**	**5173.**	**125000.**	**2495.**	**7482.**	**999.2**
Stddev	941.	25.	52.	16.	33.	5.1
%RSD	.7659	.4909	.0414	.6318	.4414	.5138
#1	123800.	5201.	125000.	2511.	7515.	1004.
#2	121900.	5154.	124900.	2495.	7482.	998.8
#3	122700.	5163.	125000.	2479.	7449.	994.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2483.**	**2525.**	**2494.**	**2495.**	**1004.**	**2422.**
Stddev	13.	11.	12.	14.	4.	12.
%RSD	.5386	.4220	.4609	.5477	.3505	.4831
#1	2498.	2536.	2507.	2509.	1008.	2434.
#2	2480.	2525.	2489.	2495.	1004.	2422.
#3	2472.	2514.	2486.	2482.	1001.	2411.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/9/2010 18:57:20 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**977.1**	**5120.**	**9900.**
Stddev	6.4	8.	32.
%RSD	.6595	.1466	.3252
#1	983.4	5122.	9911.
#2	977.3	5127.	9926.
#3	970.5	5112.	9864.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4924.4**	**127950.**	**18894.**
Stddev	6.0	459.	26.
%RSD	.12144	.35887	.13528
#1	4918.5	127480.	18868.
#2	4924.4	127960.	18894.
#3	4930.4	128400.	18920.

Sample Name: CCB Acquired: 3/9/2010 19:04:27 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5.523**	**.5717**	**.2506**	**2.300**	**.0422**	**8.957**
Stddev	4.909	.8021	.0338	.710	.0308	2.015
%RSD	88.89	140.3	13.49	30.86	72.97	22.49
#1	-.1153	.6904	.2873	2.078	.0217	10.17
#2	8.852	-.2831	.2207	1.728	.0776	10.07
#3	7.833	1.308	.2437	3.094	.0273	6.631
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2741**	**.5565**	**.6938**	**.7323**	**12.73**	**-3.420**
Stddev	.0884	.2964	.1685	2.312	3.80	12.45
%RSD	32.26	53.26	24.28	315.6	29.86	364.1
#1	.2355	.5346	.6306	3.401	9.026	5.852
#2	.2115	.2718	.5660	-.6227	12.55	1.461
#3	.3753	.8633	.8847	-.5817	16.62	-17.57
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/9/2010 19:04:27 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**13.48**	**.8096**	**59.71**	**.5591**	**1.665**	**1.643**
Stddev	5.12	.1900	13.01	.2213	1.228	1.060
%RSD	37.96	23.47	21.79	39.58	73.78	64.51
#1	9.044	.6538	74.16	.3455	1.204	2.504
#2	12.32	.7537	48.93	.5444	.7331	.4594
#3	19.08	1.021	56.04	.7874	3.056	1.964
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.056**	**2.180**	**.4196**	**.4607**	**1.695**	**1.729**
Stddev	.531	.598	.3192	.1453	.248	.071
%RSD	50.24	27.41	76.08	31.54	14.65	4.113
#1	1.053	2.652	.3501	.4323	1.981	1.786
#2	.5270	1.508	.1408	.3317	1.569	1.649
#3	1.588	2.380	.7677	.6181	1.535	1.752
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/9/2010 19:04:27 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1945**	**.4948**	**1.789**
Stddev	.2382	.1139	.168
%RSD	122.5	23.03	9.377
#1	.1731	.5131	1.662
#2	-.0323	.3728	1.725
#3	.4426	.5985	1.979
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5322.5**	**138200.**	**18922.**
Stddev	17.3	435.	18.
%RSD	.32578	.31465	.09546
#1	5302.4	138010.	18902.
#2	5332.4	137900.	18925.
#3	5332.6	138700.	18938.

Sample Name: 460-10889-d-17-b Acquired: 3/9/2010 19:11:04 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1033.**	**4.611**	**.9867**	**139.5**	**.0146**	**28740.**
Stddev	18.	.596	.1107	3.3	.0321	103.
%RSD	1.722	12.92	11.22	2.391	219.6	.3570
#1	1035.	4.756	.9655	142.7	-.0017	28690.
#2	1015.	3.956	.8882	136.0	.0516	28680.
#3	1050.	5.121	1.106	139.8	-.0061	28860.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0137**	**.4856**	**1.996**	**15.87**	**43040.**	**2029.**
Stddev	.0561	.1826	.129	1.66	705.	14.
%RSD	409.8	37.61	6.472	10.47	1.639	.7133
#1	.0689	.6893	2.122	14.48	43790.	2013.
#2	-.0433	.4310	1.864	17.71	42390.	2039.
#3	.0154	.3364	2.001	15.41	42920.	2036.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-17-b Acquired: 3/9/2010 19:11:04 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**30000.**	**351.7**	**35240.**	**1.441**	**11.29**	**.3398**
Stddev	490.	1.3	113.	.117	.72	.4687
%RSD	1.634	.3831	.3197	8.130	6.387	137.9
#1	30520.	351.6	35180.	1.402	11.91	-.0849
#2	29540.	353.1	35170.	1.348	11.45	.2617
#3	29940.	350.4	35370.	1.572	10.50	.8426
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.5669**	**-.5565**	**3.308**	**11.15**	**88.12**	**1.158**
Stddev	1.580	.6271	.199	.30	2.11	.184
%RSD	278.7	112.7	6.001	2.709	2.396	15.91
#1	.9470	-1.132	3.183	11.47	90.27	1.298
#2	1.922	.1119	3.537	10.87	86.05	.9493
#3	-1.169	-.6497	3.205	11.10	88.04	1.226
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-17-b Acquired: 3/9/2010 19:11:04 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.9701**	**179.3**	**29.79**
Stddev	.2713	.5	.90
%RSD	27.97	.2882	3.032
#1	1.109	179.0	30.65
#2	1.144	179.0	28.85
#3	.6575	179.9	29.89
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5265.4**	**138010.**	**19373.**
Stddev	86.0	438.	21.
%RSD	1.6339	.31740	.10874
#1	5176.5	137900.	19383.
#2	5348.2	137650.	19387.
#3	5271.6	138500.	19349.

Sample Name: 460-11031-f-1-a Acquired: 3/9/2010 19:17:39 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**57.76**	**19.45**	**.0457**	**60.59**	**-.0222**	**51540.**
Stddev	14.69	.65	.2725	.20	.0321	13.
%RSD	25.44	3.344	597.0	.3254	144.9	.0251
#1	50.67	20.14	-.2665	60.39	-.0071	51560.
#2	74.66	18.85	.1670	60.79	-.0591	51540.
#3	47.96	19.37	.2365	60.59	-.0004	51540.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0722**	**-.1607**	**1.374**	**12.45**	**101.6**	**5421.**
Stddev	.0096	.0785	.132	1.19	2.1	14.
%RSD	13.34	48.82	9.605	9.557	2.114	.2672
#1	.0774	-.1271	1.526	11.74	101.1	5410.
#2	.0781	-.1047	1.314	13.82	99.67	5416.
#3	.0611	-.2504	1.284	11.78	103.9	5438.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11031-f-1-a Acquired: 3/9/2010 19:17:39 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12870.**	**10.58**	**109500.**	**2.378**	**4.871**	**1.957**
Stddev	68.	.07	58.	.072	.586	.584
%RSD	.5298	.7063	.0529	3.047	12.02	29.84
#1	12790.	10.50	109500.	2.363	4.236	1.478
#2	12920.	10.60	109500.	2.315	5.391	1.784
#3	12890.	10.64	109600.	2.458	4.985	2.607
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.797**	**-.0274**	**7.044**	**27.24**	**130.6**	**60.01**
Stddev	.756	1.098	.076	.13	.8	.19
%RSD	27.04	4010.	1.082	.4810	.6021	.3178
#1	2.677	.2266	7.038	27.10	129.8	59.79
#2	2.109	-1.230	7.123	27.26	131.3	60.11
#3	3.607	.9214	6.971	27.35	130.6	60.12
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11031-f-1-a Acquired: 3/9/2010 19:17:39 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3018**	**318.6**	**1.089**
Stddev	.1194	.2	.022
%RSD	39.54	.0750	2.042
#1	.2869	318.7	1.107
#2	.1907	318.4	1.096
#3	.4280	318.9	1.064
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5118.4**	**132280.**	**18832.**
Stddev	21.2	239.	51.
%RSD	.41420	.18071	.26833
#1	5141.6	132490.	18874.
#2	5099.9	132340.	18776.
#3	5113.8	132020.	18846.

Sample Name: mb 460-31527/1-a@2 Acquired: 3/9/2010 19:24:14 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.462**	**-.8036**	**.0584**	**-.1375**	**-.0601**	**32.03**
Stddev	10.86	.7688	.0878	.0690	.0396	2.16
%RSD	243.4	95.67	150.3	50.15	65.91	6.730
#1	16.47	-.1416	.0226	-.1575	-.0542	30.92
#2	1.584	-.6224	.1585	-.1942	-.1024	34.51
#3	-4.670	-1.647	-.0058	-.0607	-.0238	30.65
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0187**	**-.0264**	**.2973**	**-.6850**	**19.75**	**25.97**
Stddev	.0340	.0590	.1238	1.271	3.98	24.17
%RSD	181.9	223.9	41.65	185.5	20.16	93.06
#1	-.0437	-.0934	.2227	-1.906	24.06	8.433
#2	.0200	-.0034	.4403	.6304	16.20	53.55
#3	-.0324	.0177	.2290	-.7798	19.00	15.94
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-31527/1-a@2 Acquired: 3/9/2010 19:24:14 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1641**	**.0994**	**72.95**	**.1529**	**-.3249**	**.2238**
Stddev	1.113	.0331	3.77	.1633	.3100	.3057
%RSD	678.4	33.28	5.169	106.8	95.41	136.6
#1	-.7980	.1147	72.82	.2731	-.1964	.2893
#2	1.383	.0614	69.24	.2186	-.6785	-.1094
#3	-.0929	.1221	76.78	-.0330	-.0998	.4913
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.526**	**.0851**	**.1279**	**2.544**	**.9747**	**.2941**
Stddev	.122	.2729	.3702	.112	.1481	.0336
%RSD	7.994	320.5	289.4	4.413	15.20	11.41
#1	1.501	.2449	-.2941	2.569	1.140	.2596
#2	1.659	.2404	.3976	2.642	.8530	.2962
#3	1.418	-.2299	.2802	2.422	.9315	.3266
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-31527/1-a@2 Acquired: 3/9/2010 19:24:14 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**6.421**	**.0199**	**.1212**
Stddev	.279	.1041	.0514
%RSD	4.345	522.2	42.45
#1	6.456	-.0945	.1592
#2	6.681	.0454	.0626
#3	6.126	.1090	.1417
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5273.5**	**138450.**	**19003.**
Stddev	37.0	118.	26.
%RSD	.70253	.08536	.13578
#1	5245.8	138420.	18988.
#2	5259.2	138580.	18989.
#3	5315.6	138350.	19033.

Sample Name: lcssrm 460-31527/2-a Acquired: 3/9/2010 19:30:50 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**51500.**	**498.3**	**143.6**	**1012.**	**404.2**	**51730.**
Stddev	112.	3.7	.2	6.	.5	73.
%RSD	.2176	.7468	.1200	.5561	.1221	.1402
#1	51370.	500.5	143.7	1015.	403.8	51690.
#2	51570.	500.4	143.4	1016.	404.7	51820.
#3	51560.	494.0	143.5	1005.	404.1	51690.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**326.9**	**517.6**	**1363.**	**922.1**	**86440.**	**20480.**
Stddev	1.6	1.5	2.	1.3	46.	29.
%RSD	.4961	.2829	.1328	.1355	.0529	.1424
#1	328.0	518.1	1361.	921.0	86430.	20510.
#2	327.8	518.7	1363.	921.9	86390.	20450.
#3	325.1	515.9	1365.	923.5	86480.	20480.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-31527/2-a Acquired: 3/9/2010 19:30:50 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18970.**	**3073.**	**5314.**	**781.1**	**448.2**	**252.0**
Stddev	14.	17.	19.	5.0	2.6	1.6
%RSD	.0725	.5545	.3534	.6394	.5752	.6242
#1	18980.	3084.	5294.	784.1	450.4	252.2
#2	18960.	3053.	5331.	783.8	448.8	253.5
#3	18970.	3080.	5317.	775.3	445.3	250.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1437.**	**691.1**	**587.4**	**3112.**	**738.2**	**263.7**
Stddev	7.	2.9	2.2	15.	3.1	1.3
%RSD	.4795	.4158	.3820	.4780	.4178	.5033
#1	1442.	692.4	585.7	3121.	739.0	264.5
#2	1441.	693.0	586.6	3119.	740.9	264.5
#3	1429.	687.8	590.0	3095.	734.8	262.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-31527/2-a Acquired: 3/9/2010 19:30:50 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**510.7**	**1258.**	**2297.**
Stddev	3.1	3.	3.
%RSD	.5978	.2056	.1403
#1	513.1	1256.	2300.
#2	511.8	1259.	2294.
#3	507.3	1261.	2296.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5445.5**	**140370.**	**20181.**
Stddev	7.9	342.	84.
%RSD	.14465	.24348	.41591
#1	5442.4	140760.	20278.
#2	5439.6	140210.	20134.
#3	5454.4	140130.	20132.

Sample Name: 460-11028-a-2-c du@4 Acquired: 3/9/2010 19:37:28 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**22380.**	**111.7**	**2.300**	**29.92**	**2.631**	**1578.**
Stddev	63.	1.1	.443	.14	.026	6.
%RSD	.2829	.9717	19.24	.4844	.9753	.3815
#1	22360.	112.9	1.801	30.02	2.611	1581.
#2	22450.	111.0	2.642	29.99	2.622	1582.
#3	22320.	111.1	2.458	29.76	2.660	1571.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.4666**	**2.450**	**610.8**	**9.092**	**105500.**	**14800.**
Stddev	.0828	.023	15.9	3.490	872.	44.
%RSD	17.74	.9485	2.604	38.39	.8262	.2965
#1	-.5608	2.439	629.1	11.82	106400.	14790.
#2	-.4337	2.477	601.8	10.30	105300.	14840.
#3	-.4053	2.435	601.4	5.158	104700.	14760.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-2-c du@4 Acquired: 3/9/2010 19:37:28 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5524.**	**71.34**	**348.4**	**7.301**	**21.59**	**5.311**
Stddev	48.	1.64	9.9	.196	.33	.501
%RSD	.8629	2.300	2.841	2.682	1.529	9.431
#1	5575.	73.23	354.6	7.528	21.92	5.628
#2	5514.	70.38	336.9	7.190	21.60	5.572
#3	5482.	70.39	353.5	7.187	21.26	4.734
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6.552**	**2.915**	**278.6**	**53.88**	**138.1**	**8.683**
Stddev	1.208	.368	7.0	.24	1.1	.111
%RSD	18.43	12.61	2.520	.4449	.7937	1.281
#1	7.567	2.545	286.7	54.02	138.8	8.810
#2	5.216	2.919	274.3	54.01	138.7	8.603
#3	6.873	3.280	274.7	53.60	136.9	8.637
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-2-c du@4 Acquired: 3/9/2010 19:37:28 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**2.443**	**11.54**	**523.4**
Stddev	.228	.06	4.9
%RSD	9.342	.5025	.9454
#1	2.347	11.60	528.7
#2	2.278	11.55	522.6
#3	2.703	11.48	518.9
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5259.4**	**137280.**	**19251.**
Stddev	32.0	2856.	64.
%RSD	.60904	2.0801	.33264
#1	5236.5	133990.	19254.
#2	5245.8	138830.	19186.
#3	5296.0	139030.	19314.

Sample Name: 460-11028-a-2-b@4 Acquired: 3/9/2010 19:44:02 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**22920.**	**107.4**	**2.097**	**30.84**	**2.705**	**1967.**
Stddev	1291.	1.7	.325	.37	.177	111.
%RSD	5.632	1.565	15.48	1.199	6.528	5.663
#1	23230.	108.2	2.429	30.97	2.674	1985.
#2	24020.	108.6	2.080	31.13	2.894	2069.
#3	21500.	105.5	1.781	30.42	2.545	1848.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.3593**	**3.022**	**582.0**	**13.31**	**103100.**	**14840.**
Stddev	.0823	.086	8.6	2.72	540.	860.
%RSD	22.91	2.844	1.474	20.47	.5238	5.792
#1	-.2745	3.031	572.6	15.74	102600.	15120.
#2	-.3646	3.103	584.2	10.36	103600.	15530.
#3	-.4389	2.932	589.3	13.81	103000.	13880.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-2-b@4 Acquired: 3/9/2010 19:44:02 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5689.**	**80.51**	**397.6**	**8.239**	**22.16**	**4.891**
Stddev	31.	1.30	20.7	.081	.36	.331
%RSD	.5401	1.614	5.216	.9792	1.628	6.772
#1	5659.	79.17	403.9	8.328	21.84	4.515
#2	5720.	80.58	414.5	8.219	22.10	5.016
#3	5690.	81.77	374.4	8.170	22.55	5.141
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6.559**	**.9394**	**263.9**	**53.99**	**136.7**	**7.939**
Stddev	1.474	.5379	3.0	.39	1.4	.039
%RSD	22.47	57.26	1.139	.7301	1.039	.4879
#1	6.744	.4618	260.8	54.14	136.9	7.980
#2	5.001	1.522	264.0	54.28	137.9	7.932
#3	7.932	.8342	266.8	53.54	135.1	7.904
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-2-b@4 Acquired: 3/9/2010 19:44:02 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**2.176**	**13.61**	**538.6**
Stddev	.303	.79	3.4
%RSD	13.91	5.822	.6236
#1	1.915	13.76	535.6
#2	2.508	14.32	542.3
#3	2.106	12.75	538.0
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5392.1**	**139470.**	**19550.**
Stddev	34.9	1523.	704.
%RSD	.64702	1.0919	3.6019
#1	5398.2	141100.	19421.
#2	5354.6	139240.	18919.
#3	5423.6	138080.	20309.

Sample Name: sd 460-11028-a-2-b@2 Acquired: 3/9/2010 19:50:37 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4561.**	**20.77**	**.5460**	**5.902**	**.5046**	**402.1**
Stddev	14.	.64	.4261	.122	.0511	1.1
%RSD	.3167	3.104	78.04	2.069	10.12	.2734
#1	4545.	20.07	.1146	5.998	.4478	402.7
#2	4562.	21.34	.9666	5.942	.5193	400.9
#3	4574.	20.90	.5566	5.764	.5468	402.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0273**	**.7201**	**116.1**	**4.506**	**20400.**	**2960.**
Stddev	.0160	.0544	.3	.247	107.	28.
%RSD	58.74	7.557	.2636	5.478	.5224	.9556
#1	-.0204	.7825	116.1	4.449	20440.	2932.
#2	-.0159	.6951	116.4	4.776	20480.	2959.
#3	-.0456	.6826	115.8	4.293	20280.	2989.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-11028-a-2-b@2 Acquired: 3/9/2010 19:50:37 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1137.**	**15.97**	**84.01**	**1.535**	**4.172**	**.9799**
Stddev	7.	.02	11.93	.071	.572	.4641
%RSD	.6060	.1321	14.20	4.644	13.71	47.36
#1	1139.	15.99	91.81	1.617	3.518	.7143
#2	1142.	15.97	70.28	1.504	4.420	.7096
#3	1129.	15.95	89.95	1.485	4.579	1.516
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.7495**	**.1764**	**52.80**	**10.77**	**27.36**	**1.564**
Stddev	1.047	.0447	.22	.17	.24	.052
%RSD	139.6	25.31	.4077	1.587	.8941	3.332
#1	1.948	.2232	52.80	10.93	27.63	1.604
#2	.0188	.1343	53.01	10.77	27.14	1.584
#3	.2813	.1716	52.58	10.59	27.32	1.505
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-11028-a-2-b@2 Acquired: 3/9/2010 19:50:37 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.5780**	**2.728**	**104.9**
Stddev	.1475	.051	.7
%RSD	25.52	1.869	.6515
#1	.7156	2.710	105.3
#2	.4223	2.689	105.3
#3	.5961	2.786	104.1
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5398.1**	**138260.**	**19002.**
Stddev	38.5	388.	67.
%RSD	.71375	.28086	.35011
#1	5383.9	138590.	19075.
#2	5368.7	137830.	18945.
#3	5441.7	138370.	18987.

Sample Name: 460-11028-a-2-d ms@4 Acquired: 3/9/2010 19:57:12 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**27930.**	**1041.**	**24.77**	**1025.**	**26.95**	**10960.**
Stddev	38.	10.	.21	8.	.05	26.
%RSD	.1369	.9555	.8361	.7899	.1883	.2392
#1	27890.	1039.	24.79	1022.	26.89	10930.
#2	27970.	1052.	24.96	1034.	26.98	10980.
#3	27920.	1033.	24.55	1018.	26.97	10970.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**23.59**	**248.9**	**676.3**	**135.9**	**104400.**	**26500.**
Stddev	.23	2.0	2.2	.9	831.	37.
%RSD	.9915	.8086	.3187	.6795	.7953	.1409
#1	23.52	248.0	678.2	136.5	104300.	26530.
#2	23.85	251.2	676.8	134.8	105300.	26500.
#3	23.39	247.4	674.0	136.4	103700.	26460.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-2-d ms@4 Acquired: 3/9/2010 19:57:12 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**15870.**	**326.7**	**10220.**	**255.1**	**274.7**	**156.2**
Stddev	118.	.2	6.	2.5	3.0	.9
%RSD	.7456	.0675	.0607	.9727	1.087	.5935
#1	15840.	326.9	10220.	254.6	274.0	156.0
#2	16000.	326.5	10230.	257.8	278.0	157.2
#3	15770.	326.5	10220.	252.9	272.1	155.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**952.4**	**1050.**	**512.5**	**299.5**	**387.9**	**251.2**
Stddev	7.7	10.	1.0	2.7	3.9	2.3
%RSD	.8126	.9624	.2035	.8877	1.010	.9236
#1	949.8	1047.	513.3	298.5	386.7	250.7
#2	961.1	1062.	513.0	302.5	392.3	253.7
#3	946.3	1043.	511.3	297.5	384.8	249.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-2-d ms@4 Acquired: 3/9/2010 19:57:12 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**252.1**	**251.6**	**732.7**
Stddev	1.6	.3	6.2
%RSD	.6501	.1234	.8396
#1	252.0	251.5	732.1
#2	253.7	251.9	739.2
#3	250.5	251.3	726.9
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5317.0**	**137490.**	**19335.**
Stddev	31.6	259.	38.
%RSD	.59378	.18854	.19804
#1	5321.0	137270.	19368.
#2	5283.6	137770.	19293.
#3	5346.4	137430.	19345.

Sample Name: ICSA 371312 Acquired: 3/9/2010 20:03:43 Type: QC
Method: SW846O2102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**506700.**	**-3.447**	**-.2247**	**1.245**	**-.1282**	**508800.**
Stddev	4344.	.857	.3217	.044	.0279	3849.
%RSD	.8572	24.88	143.2	3.577	21.76	.7565
#1	509500.	-2.582	.0095	1.281	-.0961	508600.
#2	509000.	-4.297	-.0921	1.195	-.1460	512700.
#3	501700.	-3.460	-.5915	1.259	-.1425	505000.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2009**	**2.170**	**-1.225**	**.5913**	**185600.**	**-221.2**
Stddev	.1133	.076	.118	4.695	659.	23.8
%RSD	56.40	3.501	9.629	794.1	.3552	10.75
#1	-.2346	2.193	-1.124	1.698	186300.	-193.7
#2	-.2935	2.085	-1.355	-4.559	185100.	-235.3
#3	-.0746	2.231	-1.196	4.635	185300.	-234.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/9/2010 20:03:43 Type: QC
Method: SW846O2102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**471500.**	**-3.346**	**73.09**	**1.149**	**-2.261**	**3.250**
Stddev	2332.	.051	2.39	.032	.712	.350
%RSD	.4945	1.511	3.266	2.815	31.50	10.77
#1	472800.	-3.375	70.48	1.163	-1.886	3.476
#2	468800.	-3.287	75.16	1.171	-1.815	2.847
#3	472900.	-3.374	73.64	1.112	-3.083	3.428
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.336**	**.9446**	**2.118**	**-2.432**	**4.291**	**-2.045**
Stddev	3.935	.6326	.318	.087	.265	.288
%RSD	294.4	66.97	15.01	3.596	6.178	14.07
#1	-2.866	.3441	1.751	-2.400	4.497	-2.272
#2	1.941	1.605	2.284	-2.531	3.992	-2.143
#3	4.933	.8845	2.318	-2.365	4.384	-1.721
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/9/2010 20:03:43 Type: QC
Method: SW846O2102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.7053**	**-7.980**	**-1.467**
Stddev	.6049	.071	.013
%RSD	85.77	.8862	.8956
#1	1.219	-7.953	-1.458
#2	.8586	-8.061	-1.482
#3	.0384	-7.928	-1.462
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4892.8**	**120890.**	**18687.**
Stddev	16.3	121.	51.
%RSD	.33221	.10020	.27046
#1	4882.0	120830.	18718.
#2	4911.5	121030.	18629.
#3	4885.0	120820.	18716.

Sample Name: ICSAB 371336 Acquired: 3/9/2010 20:10:40 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**490600.**	**92.09**	**103.5**	**97.38**	**95.19**	**491200.**
Stddev	4388.	.92	3.3	.56	.34	2918.
%RSD	.8943	1.002	3.169	.5766	.3563	.5940
#1	495100.	92.31	107.2	97.30	95.58	493000.
#2	490400.	91.08	101.5	96.86	95.03	487800.
#3	486400.	92.88	101.6	97.98	94.97	492800.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**91.03**	**93.69**	**98.84**	**94.30**	**182900.**	**9882.**
Stddev	.87	.49	3.93	2.56	1629.	20.
%RSD	.9526	.5241	3.977	2.711	.8904	.2072
#1	90.10	93.33	103.4	97.21	184500.	9886.
#2	91.19	93.49	96.43	92.45	181300.	9900.
#3	91.81	94.25	96.71	93.22	182900.	9859.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/9/2010 20:10:40 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**462100.**	**96.84**	**10260.**	**91.44**	**88.45**	**92.42**
Stddev	3716.	3.58	40.	.51	.71	.78
%RSD	.8043	3.698	.3906	.5544	.7993	.8394
#1	466200.	101.0	10310.	90.90	87.85	92.59
#2	460900.	94.56	10230.	91.50	88.27	91.58
#3	459100.	94.99	10260.	91.91	89.23	93.10
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**93.51**	**93.11**	**101.1**	**88.64**	**97.93**	**90.14**
Stddev	1.16	.71	4.0	.92	.53	.45
%RSD	1.237	.7586	3.928	1.033	.5422	.5013
#1	92.25	92.51	105.7	87.79	97.61	89.67
#2	93.78	92.95	98.47	88.52	97.63	90.18
#3	94.51	93.89	99.19	89.61	98.54	90.57
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/9/2010 20:10:40 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**93.60**	**91.57**	**94.29**
Stddev	.10	.20	.89
%RSD	.1045	.2158	.9444
#1	93.50	91.79	95.23
#2	93.61	91.42	93.46
#3	93.70	91.48	94.18
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4894.0**	**120580.**	**18625.**
Stddev	13.6	3339.	43.
%RSD	.27734	2.7689	.22828
#1	4908.8	116730.	18578.
#2	4891.3	122360.	18659.
#3	4882.0	122640.	18638.

Sample Name: CCV Acquired: 3/9/2010 20:17:37 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**121700.**	**2457.**	**1226.**	**10030.**	**988.6**	**123500.**
Stddev	1397.	40.	74.	160.	11.8	1497.
%RSD	1.148	1.632	6.061	1.596	1.195	1.212
#1	122600.	2466.	1309.	10040.	996.4	124400.
#2	122500.	2493.	1166.	10180.	994.4	124300.
#3	120100.	2414.	1201.	9864.	975.0	121800.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1230.**	**2497.**	**5021.**	**12270.**	**97150.**	**48220.**
Stddev	20.	41.	325.	150.	1921.	779.
%RSD	1.641	1.655	6.475	1.222	1.977	1.616
#1	1232.	2486.	5387.	12370.	99120.	48710.
#2	1249.	2543.	4765.	12340.	97040.	48640.
#3	1209.	2463.	4912.	12100.	95280.	47320.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/9/2010 20:17:37 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**119800.**	**5070.**	**122500.**	**2463.**	**7404.**	**987.5**
Stddev	2178.	113.	1903.	42.	119.	18.1
%RSD	1.818	2.222	1.553	1.695	1.613	1.833
#1	118100.	5200.	123900.	2474.	7412.	984.0
#2	122200.	5004.	123400.	2498.	7520.	1007.
#3	119100.	5007.	120400.	2417.	7281.	971.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2465.**	**2493.**	**2469.**	**2471.**	**994.0**	**2394.**
Stddev	43.	37.	156.	42.	15.3	40.
%RSD	1.725	1.489	6.316	1.691	1.538	1.654
#1	2470.	2500.	2644.	2476.	994.4	2397.
#2	2504.	2527.	2345.	2509.	1009.	2431.
#3	2420.	2453.	2418.	2426.	978.5	2353.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/9/2010 20:17:37 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**965.4**	**5034.**	**9700.**
Stddev	18.4	22.	261.
%RSD	1.904	.4347	2.692
#1	970.1	5027.	9529.
#2	981.0	5058.	10000.
#3	945.2	5016.	9571.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4993.3**	**128970.**	**19073.**
Stddev	54.5	5850.	125.
%RSD	1.0913	4.5360	.65537
#1	4988.9	122520.	18986.
#2	4941.1	133940.	19017.
#3	5049.8	130460.	19216.

Sample Name: CCB Acquired: 3/9/2010 20:24:47 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**29.06**	**1.049**	**.6071**	**3.336**	**.1925**	**45.96**
Stddev	3.52	.212	.1655	.637	.0213	3.24
%RSD	12.11	20.21	27.27	19.11	11.09	7.039
#1	25.34	1.250	.7331	4.064	.2169	42.98
#2	29.50	.8276	.4196	3.065	.1773	45.50
#3	32.34	1.070	.6685	2.879	.1832	49.40
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4014**	**.9414**	**1.851**	**4.093**	**41.64**	**-24.39**
Stddev	.0593	.1607	.694	1.819	4.43	12.30
%RSD	14.78	17.07	37.51	44.44	10.63	50.45
#1	.4623	1.106	1.125	3.608	36.56	-29.48
#2	.3981	.9329	2.509	6.105	44.72	-10.35
#3	.3438	.7851	1.920	2.566	43.63	-33.33
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/9/2010 20:24:47 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**61.44**	**1.988**	**81.18**	**.7866**	**2.566**	**.5422**
Stddev	9.09	.255	4.39	.1685	.716	1.018
%RSD	14.79	12.83	5.412	21.43	27.88	187.8
#1	51.75	1.700	78.02	.9631	3.372	.4723
#2	62.78	2.078	86.20	.7693	2.005	-.4391
#3	69.78	2.186	79.32	.6273	2.322	1.593
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.843**	**2.690**	**.8889**	**.7314**	**2.031**	**1.888**
Stddev	.161	.155	.3733	.1893	.168	.432
%RSD	5.655	5.765	42.00	25.88	8.277	22.88
#1	2.990	2.626	.5250	.9210	2.058	2.361
#2	2.868	2.576	.8706	.7308	2.183	1.790
#3	2.672	2.866	1.271	.5424	1.851	1.514
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/9/2010 20:24:47 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.5889**	**1.077**	**3.905**
Stddev	.0183	.239	.454
%RSD	3.115	22.22	11.63
#1	.5794	.8691	3.433
#2	.5772	1.023	3.943
#3	.6100	1.338	4.338
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5324.0**	**137200.**	**18758.**
Stddev	20.9	404.	111.
%RSD	.39223	.29444	.59273
#1	5339.8	136830.	18722.
#2	5331.9	137140.	18883.
#3	5300.4	137630.	18670.

Sample Name: PS 460-11028-a-2-b@4 Acquired: 3/9/2010 20:31:25 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**24780.**	**1788.**	**43.03**	**1777.**	**45.51**	**19130.**
Stddev	76.	20.	.53	20.	.12	43.
%RSD	.3082	1.140	1.242	1.101	.2552	.2261
#1	24690.	1771.	42.96	1762.	45.38	19080.
#2	24840.	1782.	42.54	1770.	45.61	19150.
#3	24800.	1810.	43.60	1799.	45.54	19150.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**42.06**	**436.7**	**753.4**	**230.5**	**103700.**	**32610.**
Stddev	.48	5.2	2.4	1.4	581.	30.
%RSD	1.149	1.188	.3217	.6080	.5600	.0921
#1	41.71	432.7	754.4	230.0	103200.	32570.
#2	41.87	434.8	755.1	229.5	103600.	32630.
#3	42.61	442.5	750.6	232.1	104300.	32620.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: PS 460-11028-a-2-b@4 Acquired: 3/9/2010 20:31:25 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**22760.**	**536.0**	**17850.**	**443.4**	**457.8**	**401.4**
Stddev	136.	.6	13.	4.5	4.3	7.1
%RSD	.5967	.1104	.0710	1.005	.9322	1.780
#1	22640.	535.6	17860.	440.1	454.2	394.6
#2	22730.	536.7	17840.	441.6	456.7	400.7
#3	22910.	535.7	17860.	448.4	462.5	408.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1694.**	**1837.**	**699.7**	**479.3**	**556.5**	**443.2**
Stddev	17.	17.	1.3	4.9	5.4	5.0
%RSD	1.009	.9395	.1830	1.032	.9742	1.125
#1	1682.	1822.	700.6	475.7	552.2	439.7
#2	1687.	1833.	700.3	477.4	554.8	441.0
#3	1714.	1856.	698.3	485.0	562.6	448.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: PS 460-11028-a-2-b@4 Acquired: 3/9/2010 20:31:25 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**454.9**	**441.7**	**991.6**
Stddev	4.4	.3	5.1
%RSD	.9610	.0719	.5139
#1	452.1	441.5	987.4
#2	452.7	442.1	990.1
#3	459.9	441.6	997.3
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5300.3**	**135840.**	**19174.**
Stddev	27.2	155.	99.
%RSD	.51409	.11442	.51620
#1	5318.9	135710.	19149.
#2	5312.9	135800.	19090.
#3	5269.0	136010.	19283.

Sample Name: 460-11024-d-1-a@4 Acquired: 3/9/2010 20:37:56 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**41990.**	**13.53**	**4.932**	**618.1**	**2.426**	**23410.**
Stddev	76.	.10	.216	4.2	.032	22.
%RSD	.1802	.7588	4.381	.6737	1.325	.0950
#1	41980.	13.61	4.687	622.7	2.462	23420.
#2	41920.	13.42	5.096	617.1	2.417	23380.
#3	42070.	13.57	5.013	614.6	2.400	23420.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.505**	**33.19**	**79.83**	**206.1**	**69000.**	**6812.**
Stddev	.013	.18	.44	.4	249.	33.
%RSD	.8474	.5456	.5499	.2093	.3614	.4772
#1	1.520	33.31	80.33	206.6	69230.	6793.
#2	1.498	33.26	79.66	205.7	69030.	6794.
#3	1.498	32.98	79.50	206.1	68730.	6850.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11024-d-1-a@4 Acquired: 3/9/2010 20:37:56 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**16460.**	**1584.**	**1169.**	**78.42**	**1345.**	**4.022**
Stddev	57.	5.	8.	.71	9.	.695
%RSD	.3469	.2981	.6772	.9003	.6408	17.27
#1	16510.	1588.	1168.	79.10	1354.	4.677
#2	16470.	1586.	1178.	78.49	1346.	4.095
#3	16390.	1579.	1162.	77.69	1336.	3.294
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.806**	**3.218**	**119.7**	**696.5**	**65.32**	**2.002**
Stddev	1.528	.271	.5	4.8	.47	.123
%RSD	84.61	8.427	.4080	.6829	.7238	6.129
#1	3.367	3.379	120.1	701.5	65.84	2.142
#2	.3134	2.905	119.9	695.8	65.20	1.946
#3	1.737	3.371	119.2	692.1	64.91	1.916
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11024-d-1-a@4 Acquired: 3/9/2010 20:37:56 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**27.15**	**112.2**	**1982.**
Stddev	.55	.3	8.
%RSD	2.027	.2356	.3896
#1	27.62	111.9	1988.
#2	26.55	112.3	1985.
#3	27.30	112.4	1973.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5481.5**	**138190.**	**19557.**
Stddev	13.1	281.	74.
%RSD	.23894	.20321	.37610
#1	5466.5	137860.	19524.
#2	5487.0	138380.	19641.
#3	5490.9	138320.	19505.

Sample Name: 460-11028-a-1-d@4 Acquired: 3/9/2010 20:44:31 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19650.**	**108.4**	**1.744**	**21.57**	**2.375**	**5100.**
Stddev	1.	.8	.303	.02	.034	12.
%RSD	.0064	.7744	17.38	.0975	1.428	.2347
#1	19650.	109.1	1.990	21.55	2.414	5087.
#2	19660.	108.5	1.406	21.59	2.352	5110.
#3	19650.	107.5	1.835	21.58	2.358	5102.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.4580**	**1.279**	**604.7**	**11.02**	**96100.**	**14880.**
Stddev	.1454	.068	3.4	1.55	390.	53.
%RSD	31.75	5.297	.5627	14.07	.4058	.3576
#1	-.5458	1.231	608.6	9.309	96460.	14820.
#2	-.2901	1.356	603.2	12.33	95690.	14930.
#3	-.5380	1.249	602.3	11.41	96160.	14880.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-1-d@4 Acquired: 3/9/2010 20:44:31 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5727.**	**32.89**	**273.2**	**5.207**	**17.55**	**6.221**
Stddev	14.	.09	9.6	.127	.69	.310
%RSD	.2438	.2696	3.521	2.446	3.922	4.981
#1	5740.	32.99	273.9	5.330	18.18	6.141
#2	5712.	32.83	263.3	5.075	17.66	5.959
#3	5729.	32.84	282.5	5.215	16.82	6.563
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6.951**	**1.543**	**245.5**	**51.22**	**138.7**	**9.263**
Stddev	.878	.231	.6	.04	.2	.083
%RSD	12.63	14.95	.2449	.0803	.1524	.8989
#1	7.455	1.293	246.2	51.21	138.6	9.306
#2	5.937	1.747	245.4	51.26	138.7	9.167
#3	7.461	1.589	245.0	51.18	139.0	9.316
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-1-d@4 Acquired: 3/9/2010 20:44:31 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**2.454**	**15.53**	**483.9**
Stddev	.088	.07	2.0
%RSD	3.569	.4806	.4077
#1	2.458	15.48	486.1
#2	2.539	15.49	482.2
#3	2.364	15.62	483.5
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5315.9**	**136970.**	**18879.**
Stddev	13.9	511.	81.
%RSD	.26220	.37283	.43079
#1	5302.0	136720.	18846.
#2	5315.9	136620.	18819.
#3	5329.8	137550.	18971.

Sample Name: 460-11028-a-3-b@4 Acquired: 3/9/2010 20:51:06 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**91650.**	**22.28**	**.8055**	**398.4**	**4.892**	**4716.**
Stddev	70.	.87	.1461	4.1	.011	18.
%RSD	.0760	3.915	18.14	1.028	.2152	.3751
#1	91700.	22.13	.6832	401.9	4.897	4697.
#2	91680.	23.22	.9672	393.9	4.899	4717.
#3	91570.	21.49	.7660	399.3	4.880	4733.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2491**	**39.81**	**95.70**	**54.35**	**91570.**	**4535.**
Stddev	.0477	.11	.20	1.73	379.	13.
%RSD	19.13	.2820	.2068	3.175	.4136	.2929
#1	-.2190	39.89	95.53	53.52	91990.	4529.
#2	-.3040	39.68	95.92	56.34	91240.	4550.
#3	-.2243	39.85	95.65	53.20	91490.	4525.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-3-b@4 Acquired: 3/9/2010 20:51:06 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7800.**	**1353.**	**860.4**	**54.19**	**44.58**	**-1.165**
Stddev	27.	3.	6.4	.55	.88	.223
%RSD	.3453	.2405	.7460	1.017	1.983	19.11
#1	7831.	1354.	864.5	54.72	45.30	-1.239
#2	7780.	1356.	863.8	53.62	43.59	-1.342
#3	7790.	1350.	853.0	54.23	44.84	-.9152
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.129**	**2.090**	**161.3**	**131.1**	**20.84**	**1.844**
Stddev	1.840	.485	.4	1.1	.06	.112
%RSD	86.41	23.21	.2355	.8695	.2923	6.045
#1	.2099	2.650	161.0	132.2	20.78	1.972
#2	2.299	1.789	161.7	130.0	20.86	1.776
#3	3.877	1.831	161.3	131.1	20.90	1.783
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-3-b@4 Acquired: 3/9/2010 20:51:06 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.4869**	**44.42**	**1571.**
Stddev	.0804	.17	6.
%RSD	16.51	.3899	.3902
#1	.5662	44.54	1578.
#2	.4054	44.51	1566.
#3	.4890	44.23	1569.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5814.6**	**144310.**	**20544.**
Stddev	24.3	128.	34.
%RSD	.41827	.08900	.16371
#1	5790.5	144330.	20509.
#2	5839.1	144170.	20576.
#3	5814.2	144420.	20548.

Sample Name: 460-11028-a-4-b@4 Acquired: 3/9/2010 20:57:39 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**102200.**	**32.30**	**2.097**	**294.0**	**3.643**	**3337.**
Stddev	145.	.66	.309	1.6	.029	8.
%RSD	.1422	2.031	14.72	.5309	.7986	.2248
#1	102100.	31.55	2.106	295.0	3.674	3329.
#2	102400.	32.66	1.784	294.6	3.638	3344.
#3	102200.	32.70	2.401	292.2	3.617	3336.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.4667**	**31.08**	**122.5**	**68.55**	**125300.**	**5600.**
Stddev	.0303	.12	.3	.54	140.	44.
%RSD	6.486	.3994	.2663	.7823	.1116	.7872
#1	-.4674	30.95	122.2	69.12	125100.	5574.
#2	-.4966	31.11	122.4	68.05	125400.	5576.
#3	-.4361	31.19	122.8	68.47	125300.	5651.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-4-b@4 Acquired: 3/9/2010 20:57:39 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**9865.**	**831.0**	**751.1**	**60.09**	**46.64**	**-.8212**
Stddev	16.	.6	7.8	.13	1.08	1.507
%RSD	.1662	.0766	1.041	.2225	2.322	183.5
#1	9851.	830.9	755.1	60.24	46.43	-.6886
#2	9883.	831.7	756.1	60.03	45.68	.6146
#3	9861.	830.5	742.1	59.99	47.81	-2.390
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.457**	**3.673**	**209.6**	**132.3**	**26.62**	**2.262**
Stddev	1.462	.169	.2	.4	.21	.061
%RSD	59.50	4.594	.0914	.2895	.8004	2.682
#1	.7691	3.571	209.6	132.4	26.40	2.285
#2	3.300	3.868	209.5	132.7	26.83	2.308
#3	3.303	3.580	209.8	131.9	26.63	2.194
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-4-b@4 Acquired: 3/9/2010 20:57:39 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.7047**	**46.19**	**2297.**
Stddev	.3332	.16	3.
%RSD	47.29	.3428	.1243
#1	-.9171	46.26	2294.
#2	-.3207	46.30	2299.
#3	-.8764	46.01	2297.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5437.0**	**138430.**	**19513.**
Stddev	10.3	209.	57.
%RSD	.18987	.15110	.29076
#1	5447.7	138660.	19518.
#2	5427.1	138410.	19455.
#3	5436.2	138240.	19568.

Sample Name: 460-11028-a-5-b@4 Acquired: 3/9/2010 21:04:13 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**59850.**	**14.12**	**2.667**	**702.1**	**7.323**	**14930.**
Stddev	221.	.24	.261	4.2	.021	29.
%RSD	.3696	1.722	9.779	.5988	.2932	.1943
#1	59900.	14.00	2.593	705.2	7.299	14930.
#2	60040.	14.40	2.956	703.8	7.332	14960.
#3	59610.	13.96	2.450	697.3	7.339	14900.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0654**	**59.13**	**127.8**	**104.3**	**158600.**	**12310.**
Stddev	.0276	.34	.7	3.0	811.	58.
%RSD	42.15	.5686	.5450	2.915	.5111	.4743
#1	-.0867	59.37	128.2	104.7	159200.	12300.
#2	-.0343	59.28	127.0	107.1	159000.	12380.
#3	-.0751	58.75	128.3	101.0	157700.	12260.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-5-b@4 Acquired: 3/9/2010 21:04:13 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**13530.**	**4733.**	**1660.**	**76.41**	**123.7**	**-.9837**
Stddev	66.	33.	3.	.75	.4	.4732
%RSD	.4876	.6994	.1512	.9775	.3475	48.11
#1	13580.	4719.	1662.	77.18	124.0	-.8907
#2	13540.	4709.	1660.	76.38	123.9	-1.497
#3	13450.	4771.	1657.	75.69	123.2	-.5639
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.6100**	**-1.229**	**119.0**	**196.6**	**47.35**	**.3247**
Stddev	.7475	.317	1.0	1.0	.33	.1373
%RSD	122.5	25.75	.8467	.5295	.6959	42.28
#1	-1.057	-.9342	118.6	197.5	47.44	.3212
#2	-1.026	-1.564	118.3	196.9	47.62	.4636
#3	.2529	-1.191	120.2	195.4	46.98	.1892
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-5-b@4 Acquired: 3/9/2010 21:04:13 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.5906**	**112.5**	**2208.**
Stddev	.1592	.5	12.
%RSD	26.96	.4745	.5342
#1	.5304	112.8	2218.
#2	.7712	112.8	2211.
#3	.4703	111.8	2195.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5866.8**	**149440.**	**20983.**
Stddev	32.5	691.	36.
%RSD	.55325	.46269	.17256
#1	5841.4	149860.	21024.
#2	5855.7	149820.	20955.
#3	5903.4	148640.	20970.

Sample Name: 460-11028-a-6-b@4 Acquired: 3/9/2010 21:10:56 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**69320.**	**14.51**	**1.996**	**384.2**	**6.560**	**15240.**
Stddev	84.	.53	.127	.4	.009	21.
%RSD	.1205	3.622	6.360	.0954	.1385	.1346
#1	69270.	14.22	1.994	383.9	6.551	15220.
#2	69270.	14.19	1.870	384.6	6.569	15240.
#3	69420.	15.11	2.123	384.2	6.561	15260.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2621**	**52.45**	**88.44**	**104.6**	**116100.**	**8298.**
Stddev	.0630	.15	1.92	1.2	866.	23.
%RSD	24.03	.2773	2.174	1.166	.7456	.2740
#1	-.2955	52.32	88.76	104.0	116400.	8322.
#2	-.3014	52.41	90.18	103.8	116900.	8295.
#3	-.1895	52.61	86.37	106.0	115200.	8277.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-6-b@4 Acquired: 3/9/2010 21:10:56 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10170.**	**2537.**	**1208.**	**61.32**	**65.52**	**-.6123**
Stddev	65.	69.	3.	.26	1.01	.6253
%RSD	.6404	2.719	.2412	.4168	1.541	102.1
#1	10190.	2571.	1205.	61.07	64.45	-1.023
#2	10230.	2581.	1211.	61.30	66.46	-.9213
#3	10100.	2457.	1209.	61.58	65.66	.1073
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.377**	**-.3835**	**125.0**	**136.2**	**32.08**	**1.903**
Stddev	.741	.5588	2.8	.2	.18	.110
%RSD	53.76	145.7	2.204	.1392	.5732	5.800
#1	1.969	.2255	125.7	136.0	31.87	2.012
#2	1.617	-.8727	127.4	136.4	32.21	1.791
#3	.5469	-.5031	122.0	136.2	32.17	1.905
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-6-b@4 Acquired: 3/9/2010 21:10:56 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.654**	**74.51**	**1434.**
Stddev	.191	.11	11.
%RSD	11.55	.1536	.7591
#1	1.550	74.48	1435.
#2	1.874	74.41	1444.
#3	1.537	74.64	1422.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5576.3**	**142430.**	**20068.**
Stddev	15.2	1762.	79.
%RSD	.27309	1.2372	.39263
#1	5593.6	142270.	20139.
#2	5569.8	140750.	20082.
#3	5565.3	144270.	19983.

Sample Name: 460-11028-a-7-b@4 Acquired: 3/9/2010 21:17:39 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**54990.**	**31.60**	**1.377**	**304.2**	**2.924**	**11420.**
Stddev	30.	1.01	.516	.5	.060	22.
%RSD	.0554	3.199	37.51	.1784	2.052	.1952
#1	55010.	32.76	1.961	304.7	2.857	11450.
#2	55000.	30.93	1.186	303.6	2.942	11410.
#3	54950.	31.10	.9823	304.4	2.974	11420.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.6025**	**25.54**	**78.80**	**88.22**	**71180.**	**4659.**
Stddev	.0411	.08	.51	1.21	259.	31.
%RSD	6.823	.3210	.6418	1.367	.3635	.6668
#1	.5648	25.47	79.06	88.67	71470.	4686.
#2	.5963	25.63	79.12	89.14	71000.	4625.
#3	.6463	25.52	78.21	86.86	71060.	4666.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-7-b@4 Acquired: 3/9/2010 21:17:39 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**9284.**	**1448.**	**1090.**	**46.20**	**257.4**	**.6699**
Stddev	39.	5.	13.	.14	.4	.4824
%RSD	.4158	.3796	1.181	.2971	.1695	72.02
#1	9328.	1453.	1103.	46.26	257.5	.7735
#2	9256.	1448.	1090.	46.05	256.9	.1441
#3	9267.	1442.	1077.	46.30	257.8	1.092
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.160**	**.7013**	**117.2**	**263.2**	**27.38**	**1.856**
Stddev	.824	.5701	.4	.5	.16	.091
%RSD	71.04	81.29	.3630	.1860	.5949	4.915
#1	.4018	.9376	117.6	263.0	27.49	1.959
#2	2.037	1.115	117.1	262.8	27.19	1.821
#3	1.042	.0511	116.8	263.7	27.45	1.787
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-7-b@4 Acquired: 3/9/2010 21:17:39 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**3.665**	**60.93**	**871.8**
Stddev	.195	.20	3.9
%RSD	5.321	.3206	.4436
#1	3.595	60.76	876.2
#2	3.514	60.90	869.6
#3	3.885	61.14	869.5
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5514.6**	**139950.**	**19504.**
Stddev	11.2	269.	68.
%RSD	.20281	.19247	.35101
#1	5501.7	139780.	19570.
#2	5521.8	139810.	19509.
#3	5520.2	140260.	19433.

Sample Name: 460-11028-a-8-b@4 Acquired: 3/9/2010 21:24:14 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**64760.**	**35.30**	**2.078**	**102.9**	**3.141**	**12050.**
Stddev	70.	1.21	.547	1.1	.006	29.
%RSD	.1085	3.418	26.32	1.109	.2010	.2406
#1	64690.	36.46	1.553	104.2	3.146	12020.
#2	64830.	34.05	2.644	102.1	3.142	12070.
#3	64760.	35.38	2.037	102.4	3.134	12070.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.6756**	**18.30**	**246.7**	**112.8**	**131600.**	**12290.**
Stddev	.1269	.20	1.0	2.4	616.	38.
%RSD	18.79	1.071	.4191	2.153	.4681	.3062
#1	-.6035	18.52	246.8	115.4	131800.	12310.
#2	-.6011	18.22	247.7	110.6	130900.	12320.
#3	-.8221	18.15	245.6	112.4	132100.	12250.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-8-b@4 Acquired: 3/9/2010 21:24:14 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**10220.**	**654.0**	**3586.**	**40.57**	**37.25**	**.5939**
Stddev	41.	2.1	4.	.44	.54	.8182
%RSD	.4045	.3224	.0977	1.085	1.450	137.8
#1	10230.	655.6	3589.	41.06	37.84	1.536
#2	10180.	654.8	3587.	40.45	37.14	.1826
#3	10260.	651.6	3582.	40.20	36.78	.0629
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.005**	**1.444**	**243.9**	**150.5**	**133.1**	**1.584**
Stddev	.507	1.283	1.0	1.0	.5	.187
%RSD	16.89	88.86	.3914	.6923	.4106	11.83
#1	2.636	.4212	244.5	151.7	133.7	1.578
#2	2.796	2.883	244.3	149.7	133.0	1.401
#3	3.584	1.027	242.8	150.1	132.7	1.775
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-8-b@4 Acquired: 3/9/2010 21:24:14 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.549**	**74.83**	**1275.**
Stddev	.325	.09	5.
%RSD	21.01	.1226	.3755
#1	1.230	74.90	1275.
#2	1.537	74.86	1270.
#3	1.880	74.73	1279.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5446.0**	**137820.**	**19493.**
Stddev	26.1	168.	21.
%RSD	.47977	.12197	.10925
#1	5448.5	137660.	19515.
#2	5470.8	137800.	19491.
#3	5418.8	137990.	19472.

Sample Name: 460-11028-a-9-b@4 Acquired: 3/9/2010 21:30:49 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**72460.**	**13.18**	**1.889**	**341.0**	**6.079**	**50860.**
Stddev	577.	.85	.237	5.5	.023	401.
%RSD	.7957	6.483	12.57	1.607	.3856	.7889
#1	73010.	13.59	1.635	343.2	6.094	51260.
#2	72520.	12.20	1.926	345.0	6.090	50870.
#3	71860.	13.75	2.106	334.7	6.052	50450.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.5170**	**55.37**	**125.9**	**136.8**	**118500.**	**11910.**
Stddev	.0520	.68	1.0	2.7	1387.	77.
%RSD	10.07	1.224	.7925	1.946	1.170	.6494
#1	-.4595	55.33	126.9	137.2	118700.	11990.
#2	-.5307	56.06	125.9	139.2	119800.	11890.
#3	-.5609	54.71	124.9	134.0	117000.	11840.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-9-b@4 Acquired: 3/9/2010 21:30:49 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**17600.**	**2226.**	**4095.**	**73.87**	**60.83**	**.3580**
Stddev	195.	27.	31.	1.18	.82	.9401
%RSD	1.107	1.221	.7507	1.595	1.341	262.6
#1	17640.	2246.	4127.	74.32	61.14	-.0188
#2	17780.	2236.	4093.	74.75	61.44	-.3353
#3	17390.	2195.	4065.	72.53	59.90	1.428
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.911**	**2.088**	**137.4**	**152.7**	**82.26**	**1.548**
Stddev	1.944	.905	1.2	2.5	1.31	.034
%RSD	101.7	43.35	.8447	1.610	1.595	2.188
#1	1.522	1.256	138.6	153.6	82.48	1.528
#2	.1911	3.052	137.3	154.6	83.45	1.588
#3	4.020	1.957	136.3	149.9	80.86	1.529
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11028-a-9-b@4 Acquired: 3/9/2010 21:30:49 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.058**	**329.2**	**1915.**
Stddev	.407	2.1	21.
%RSD	38.44	.6327	1.085
#1	1.325	331.2	1918.
#2	.5902	329.3	1933.
#3	1.260	327.1	1892.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5533.9**	**142450.**	**20153.**
Stddev	49.8	325.	57.
%RSD	.89972	.22784	.28483
#1	5558.0	142320.	20102.
#2	5476.6	142200.	20144.
#3	5567.0	142820.	20215.

Sample Name: CCV Acquired: 3/9/2010 21:37:32 Type: QC
Method: SW846O2102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**125100.**	**2482.**	**1239.**	**10130.**	**1007.**	**125300.**
Stddev	247.	82.	3.	334.	1.	200.
%RSD	.1971	3.288	.2491	3.297	.1395	.1597
#1	125400.	2564.	1242.	10460.	1009.	125500.
#2	124900.	2400.	1239.	9794.	1006.	125100.
#3	125000.	2482.	1236.	10140.	1007.	125300.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1243.**	**2524.**	**5143.**	**12520.**	**97990.**	**49730.**
Stddev	41.	84.	18.	20.	2386.	173.
%RSD	3.292	3.335	.3487	.1584	2.435	.3469
#1	1283.	2606.	5159.	12540.	100400.	49930.
#2	1201.	2438.	5147.	12510.	95680.	49610.
#3	1244.	2528.	5124.	12510.	97840.	49650.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/9/2010 21:37:32 Type: QC
Method: SW846O2102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**121300.**	**5146.**	**126200.**	**2490.**	**7486.**	**996.8**
Stddev	2765.	29.	227.	84.	247.	35.5
%RSD	2.280	.5554	.1795	3.393	3.300	3.561
#1	124100.	5172.	126400.	2573.	7732.	1033.
#2	118600.	5152.	126000.	2405.	7238.	961.6
#3	121200.	5115.	126000.	2492.	7488.	996.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2484.**	**2519.**	**2505.**	**2499.**	**1003.**	**2420.**
Stddev	81.	80.	9.	83.	34.	82.
%RSD	3.250	3.170	.3609	3.340	3.370	3.370
#1	2564.	2599.	2515.	2581.	1035.	2501.
#2	2402.	2439.	2504.	2414.	968.0	2338.
#3	2485.	2520.	2497.	2501.	1004.	2422.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/9/2010 21:37:32 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**975.8**	**5170.**	**9866.**
Stddev	33.4	8.	233.
%RSD	3.425	.1555	2.359
#1	1010.	5162.	10110.
#2	942.8	5169.	9651.
#3	974.9	5178.	9833.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4977.5**	**128070.**	**18661.**
Stddev	122.4	397.	67.
%RSD	2.4583	.30998	.36042
#1	4852.7	127640.	18690.
#2	5097.3	128150.	18709.
#3	4982.7	128430.	18584.

Sample Name: CCB Acquired: 3/9/2010 21:44:39 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**24.97**	**.6447**	**.5657**	**3.239**	**.2605**	**35.07**
Stddev	18.54	.5882	.1899	.684	.0673	11.18
%RSD	74.22	91.23	33.57	21.12	25.83	31.90
#1	5.549	1.127	.5086	3.903	.2023	23.86
#2	26.90	.8181	.7776	3.278	.2451	46.23
#3	42.47	-.0107	.4109	2.536	.3342	35.11
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3976**	**.9082**	**1.813**	**3.972**	**44.86**	**-33.11**
Stddev	.0666	.0385	.098	2.611	2.40	20.96
%RSD	16.76	4.242	5.415	65.72	5.347	63.30
#1	.4366	.9132	1.702	1.666	42.65	-51.63
#2	.4355	.9440	1.889	3.443	47.41	-37.32
#3	.3207	.8674	1.848	6.806	44.52	-10.36
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/9/2010 21:44:39 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**48.75**	**2.353**	**69.61**	**.7187**	**1.887**	**.5670**
Stddev	3.47	.082	10.73	.1941	.622	.0482
%RSD	7.117	3.479	15.41	27.00	32.98	8.499
#1	47.22	2.322	58.26	.8799	2.556	.5883
#2	52.72	2.446	79.58	.7729	1.779	.5119
#3	46.31	2.291	71.00	.5033	1.325	.6010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.284**	**2.627**	**1.108**	**.7665**	**1.883**	**1.770**
Stddev	.752	.604	.389	.1485	.256	.482
%RSD	58.55	22.98	35.13	19.37	13.59	27.24
#1	1.947	3.244	.6765	.8288	2.172	2.218
#2	.4669	2.038	1.215	.8737	1.794	1.833
#3	1.439	2.598	1.433	.5971	1.684	1.260
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/9/2010 21:44:39 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.6906**	**1.256**	**4.520**
Stddev	.2124	.263	.246
%RSD	30.75	20.96	5.431
#1	.8955	1.035	4.405
#2	.4715	1.186	4.802
#3	.7048	1.547	4.354
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5395.2**	**138740.**	**19061.**
Stddev	54.3	458.	43.
%RSD	1.0071	.33002	.22357
#1	5441.1	138830.	19025.
#2	5335.2	138250.	19108.
#3	5409.3	139150.	19050.

Sample Name: 460-10977-a-22-b@4 Acquired: 3/9/2010 21:51:17 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**28020.**	**8.082**	**.9560**	**124.0**	**1.387**	**16890.**
Stddev	18.	.358	.2148	1.5	.008	23.
%RSD	.0646	4.435	22.47	1.198	.6052	.1388
#1	28000.	7.860	1.194	124.9	1.390	16900.
#2	28040.	8.495	.8970	122.3	1.378	16860.
#3	28020.	7.889	.7768	124.9	1.394	16900.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0429**	**25.05**	**34.60**	**64.48**	**57250.**	**3322.**
Stddev	.0310	.43	.12	2.34	564.	40.
%RSD	72.29	1.716	.3521	3.631	.9852	1.208
#1	.0618	25.26	34.58	66.64	57490.	3276.
#2	.0597	24.56	34.49	64.82	56610.	3341.
#3	.0071	25.34	34.73	61.99	57650.	3350.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10977-a-22-b@4 Acquired: 3/9/2010 21:51:17 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11270.**	**975.5**	**1219.**	**41.18**	**803.9**	**-.8825**
Stddev	110.	.6	.	.55	10.1	.1507
%RSD	.9745	.0646	.0197	1.330	1.261	17.07
#1	11320.	975.3	1219.	41.50	809.6	-.7103
#2	11140.	975.1	1219.	40.54	792.2	-.9471
#3	11340.	976.3	1219.	41.49	809.8	-.9901
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.5684**	**1.349**	**92.95**	**101.8**	**15.85**	**.5012**
Stddev	1.141	.206	.24	1.3	.59	.1616
%RSD	200.7	15.30	.2605	1.275	3.738	32.25
#1	-.1459	1.132	92.68	102.3	16.01	.5725
#2	.3008	1.542	93.15	100.4	15.19	.6148
#3	-1.860	1.373	93.02	102.8	16.34	.3161
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10977-a-22-b@4 Acquired: 3/9/2010 21:51:17 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.4816**	**51.87**	**1494.**
Stddev	.2285	.10	15.
%RSD	47.44	.1994	1.009
#1	-.2479	51.99	1500.
#2	-.7045	51.82	1476.
#3	-.4924	51.80	1504.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5522.6**	**141190.**	**19656.**
Stddev	52.8	173.	64.
%RSD	.95556	.12221	.32779
#1	5487.1	141060.	19730.
#2	5583.2	141120.	19621.
#3	5497.5	141390.	19616.

Sample Name: 460-10977-a-24-b@4 Acquired: 3/9/2010 21:57:53 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**34940.**	**9.692**	**.4857**	**134.6**	**1.363**	**38870.**
Stddev	83.	2.177	.2096	1.3	.014	62.
%RSD	.2373	22.46	43.16	.9460	1.025	.1605
#1	35020.	7.942	.5193	133.7	1.349	38930.
#2	34930.	12.13	.6766	136.1	1.362	38870.
#3	34860.	9.004	.2613	134.0	1.377	38810.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2049**	**12.79**	**44.51**	**49.81**	**42280.**	**3525.**
Stddev	.0292	.24	.27	3.88	450.	19.
%RSD	14.22	1.879	.6013	7.781	1.065	.5526
#1	.1713	12.61	44.62	47.50	42200.	3542.
#2	.2222	13.06	44.70	54.28	42770.	3504.
#3	.2213	12.71	44.21	47.64	41880.	3528.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10977-a-24-b@4 Acquired: 3/9/2010 21:57:53 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6899.**	**585.5**	**1972.**	**32.65**	**103.9**	**-.0438**
Stddev	78.	2.5	5.	.46	1.0	.1876
%RSD	1.124	.4270	.2431	1.400	.9188	428.9
#1	6879.	588.2	1969.	32.48	103.2	-.2012
#2	6985.	585.3	1969.	33.16	105.0	-.0939
#3	6834.	583.2	1978.	32.29	103.6	.1639
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.896**	**1.576**	**91.93**	**179.9**	**22.41**	**4.368**
Stddev	1.390	1.011	.34	2.2	.37	.093
%RSD	73.36	64.17	.3688	1.209	1.666	2.122
#1	1.226	1.977	92.20	178.9	22.59	4.444
#2	.9668	.4258	92.05	182.4	22.67	4.394
#3	3.494	2.326	91.55	178.5	21.99	4.265
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10977-a-24-b@4 Acquired: 3/9/2010 21:57:53 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**2.849**	**264.0**	**1125.**
Stddev	.020	.9	12.
%RSD	.6906	.3338	1.036
#1	2.868	264.9	1124.
#2	2.851	264.1	1138.
#3	2.829	263.1	1114.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5480.6**	**140570.**	**19671.**
Stddev	52.1	487.	51.
%RSD	.95100	.34643	.25694
#1	5490.9	140030.	19718.
#2	5424.1	140690.	19618.
#3	5526.8	140980.	19679.

Sample Name: 460-10977-a-26-b@4 Acquired: 3/9/2010 22:04:29 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**23050.**	**6.515**	**1.442**	**97.78**	**1.447**	**6840.**
Stddev	51.	.759	.078	.61	.017	26.
%RSD	.2194	11.66	5.409	.6228	1.168	.3772
#1	23060.	6.569	1.354	98.33	1.467	6855.
#2	23100.	7.246	1.501	97.12	1.436	6854.
#3	23000.	5.730	1.472	97.88	1.439	6810.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0281**	**22.07**	**37.37**	**30.12**	**54760.**	**3228.**
Stddev	.0535	.29	.25	1.24	82.	22.
%RSD	190.5	1.320	.6692	4.109	.1493	.6925
#1	.0895	22.40	37.08	30.11	54830.	3221.
#2	.0038	21.84	37.51	28.89	54670.	3253.
#3	-.0089	21.98	37.52	31.36	54770.	3210.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10977-a-26-b@4 Acquired: 3/9/2010 22:04:29 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6867.**	**999.7**	**746.8**	**31.66**	**20.77**	**.1930**
Stddev	14.	1.8	8.3	.35	.45	.8789
%RSD	.1976	.1782	1.118	1.115	2.182	455.3
#1	6881.	1001.	754.1	32.03	21.27	1.206
#2	6854.	997.9	737.7	31.64	20.67	-.3699
#3	6864.	999.8	748.7	31.32	20.38	-.2569
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.6623**	**.6299**	**67.56**	**90.71**	**11.74**	**.6693**
Stddev	.5948	.1483	.18	.38	.16	.0596
%RSD	89.81	23.55	.2678	.4226	1.363	8.908
#1	.9090	.7952	67.53	91.11	11.92	.7226
#2	1.094	.5086	67.39	90.34	11.65	.6049
#3	-.0162	.5858	67.75	90.69	11.65	.6804
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10977-a-26-b@4 Acquired: 3/9/2010 22:04:29 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3181**	**38.91**	**1161.**
Stddev	.2783	.06	2.
%RSD	87.48	.1423	.1486
#1	.4897	38.97	1163.
#2	-.0030	38.92	1160.
#3	.4675	38.86	1160.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5598.7**	**142650.**	**19792.**
Stddev	11.8	208.	54.
%RSD	.21054	.14587	.27258
#1	5585.3	142490.	19824.
#2	5607.4	142890.	19729.
#3	5603.4	142580.	19821.

Sample Name: 460-10977-a-28-b@4 Acquired: 3/9/2010 22:11:04 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**22350.**	**6.893**	**.9504**	**89.99**	**1.327**	**7226.**
Stddev	19.	.825	.2901	1.30	.004	13.
%RSD	.0867	11.96	30.53	1.444	.2784	.1742
#1	22370.	6.607	1.279	89.56	1.326	7236.
#2	22350.	7.822	.7316	88.96	1.324	7231.
#3	22330.	6.249	.8401	91.45	1.331	7212.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0343**	**22.74**	**114.4**	**52.67**	**58800.**	**2890.**
Stddev	.0251	.48	.3	2.82	379.	34.
%RSD	73.00	2.124	.2815	5.347	.6443	1.187
#1	.0194	22.50	114.5	49.91	58880.	2873.
#2	.0203	22.43	114.0	55.54	58390.	2867.
#3	.0632	23.30	114.5	52.55	59130.	2929.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10977-a-28-b@4 Acquired: 3/9/2010 22:11:04 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6728.**	**996.8**	**556.3**	**39.07**	**20.38**	**.8757**
Stddev	40.	1.8	6.4	.58	.43	.2804
%RSD	.5885	.1840	1.156	1.478	2.126	32.02
#1	6730.	997.2	563.7	38.75	20.14	1.025
#2	6687.	994.8	552.7	38.71	20.13	1.050
#3	6766.	998.4	552.4	39.73	20.88	.5522
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.5392**	**.5946**	**70.45**	**89.72**	**12.55**	**13.02**
Stddev	.4904	.4740	.32	1.36	.47	.13
%RSD	90.96	79.72	.4559	1.515	3.745	.9981
#1	1.101	1.087	70.78	89.17	12.01	12.99
#2	.2000	.1413	70.14	88.72	12.85	12.91
#3	.3160	.5555	70.45	91.27	12.80	13.17
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10977-a-28-b@4 Acquired: 3/9/2010 22:11:04 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.444**	**38.69**	**1112.**
Stddev	.189	.15	7.
%RSD	13.06	.4001	.6274
#1	1.584	38.75	1112.
#2	1.229	38.51	1105.
#3	1.517	38.80	1119.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5594.5**	**143480.**	**19840.**
Stddev	43.8	283.	24.
%RSD	.78274	.19739	.11886
#1	5610.2	143750.	19821.
#2	5628.3	143510.	19833.
#3	5545.0	143180.	19866.

Sample Name: 460-11012-a-1-d@4 Acquired: 3/9/2010 22:17:39 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**102800.**	**7.748**	**2.843**	**41.81**	**1.546**	**1275.**
Stddev	117.	.997	.270	.35	.068	13.
%RSD	.1142	12.86	9.489	.8320	4.368	1.026
#1	102700.	8.331	2.559	41.44	1.620	1286.
#2	102900.	6.597	3.096	42.14	1.529	1260.
#3	102800.	8.316	2.874	41.85	1.488	1279.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.4609**	**8.457**	**18.15**	**120.1**	**146300.**	**231.9**
Stddev	.0854	.157	.15	2.0	877.	19.9
%RSD	18.53	1.858	.8294	1.705	.5995	8.580
#1	-.5335	8.276	17.98	117.8	145300.	254.6
#2	-.4824	8.544	18.22	121.7	147100.	224.0
#3	-.3668	8.552	18.25	120.8	146300.	217.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11012-a-1-d@4 Acquired: 3/9/2010 22:17:39 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**264.9**	**2148.**	**220.6**	**13.96**	**10.55**	**-.7458**
Stddev	1.0	9.	6.7	.20	.17	.2677
%RSD	.3774	.4306	3.052	1.437	1.611	35.89
#1	264.0	2158.	213.3	13.80	10.54	-.8969
#2	266.0	2147.	222.1	14.19	10.73	-.9037
#3	264.6	2140.	226.5	13.90	10.39	-.4367
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3.322**	**-3.675**	**20.04**	**82.55**	**8.725**	**3.137**
Stddev	1.630	.310	.24	.54	.241	.044
%RSD	49.07	8.428	1.221	.6535	2.757	1.394
#1	3.506	-4.028	20.26	81.97	8.974	3.163
#2	4.852	-3.450	20.08	83.04	8.494	3.162
#3	1.608	-3.546	19.77	82.63	8.707	3.087
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11012-a-1-d@4 Acquired: 3/9/2010 22:17:39 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**2.015**	**8.675**	**55.36**
Stddev	.124	.061	.34
%RSD	6.168	.7065	.6152
#1	2.036	8.611	54.98
#2	1.882	8.733	55.63
#3	2.128	8.680	55.46
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5408.9**	**135950.**	**19321.**
Stddev	40.7	133.	25.
%RSD	.75273	.09747	.12728
#1	5454.3	135840.	19349.
#2	5375.7	135910.	19307.
#3	5396.5	136100.	19305.

Sample Name: 460-11012-a-2-d@4 Acquired: 3/9/2010 22:24:13 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**107500.**	**32.00**	**2.452**	**140.5**	**1.085**	**1233.**
Stddev	51.	.10	.138	2.3	.011	3.
%RSD	.0475	.3034	5.629	1.643	1.027	.2091
#1	107500.	31.95	2.599	142.6	1.089	1231.
#2	107600.	32.12	2.324	140.8	1.072	1233.
#3	107600.	31.95	2.435	138.0	1.093	1236.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0291**	**28.35**	**51.07**	**61.42**	**62520.**	**3298.**
Stddev	.0102	.17	.54	1.08	847.	15.
%RSD	35.05	.5863	1.057	1.765	1.354	.4440
#1	.0297	28.54	51.02	60.55	63170.	3313.
#2	.0186	28.24	51.64	62.63	62810.	3285.
#3	.0390	28.26	50.56	61.07	61560.	3295.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11012-a-2-d@4 Acquired: 3/9/2010 22:24:13 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1595.**	**9612.**	**268.0**	**23.93**	**18.85**	**.0865**
Stddev	21.	47.	17.1	.33	.62	.1139
%RSD	1.320	.4854	6.381	1.389	3.290	131.7
#1	1613.	9626.	252.0	24.09	18.98	.0235
#2	1599.	9650.	286.0	24.16	19.39	.0181
#3	1572.	9560.	265.9	23.55	18.18	.2179
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.416**	**-4.702**	**55.40**	**123.2**	**30.02**	**2.632**
Stddev	.593	.318	.47	1.6	.55	.168
%RSD	24.55	6.759	.8465	1.269	1.827	6.367
#1	1.968	-4.356	55.85	124.5	30.21	2.539
#2	2.192	-4.981	55.43	123.5	30.45	2.532
#3	3.089	-4.769	54.91	121.5	29.40	2.826
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11012-a-2-d@4 Acquired: 3/9/2010 22:24:13 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.943**	**16.12**	**200.0**
Stddev	.025	.04	3.1
%RSD	1.297	.2174	1.534
#1	1.969	16.15	202.3
#2	1.919	16.14	201.1
#3	1.940	16.08	196.5
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5414.6**	**137040.**	**19267.**
Stddev	66.1	622.	63.
%RSD	1.2209	.45423	.32904
#1	5355.0	136390.	19327.
#2	5403.2	137090.	19273.
#3	5485.7	137640.	19201.

Sample Name: 460-11012-a-3-a@4 Acquired: 3/9/2010 22:30:57 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**82400.**	**34.03**	**3.052**	**208.5**	**1.396**	**2024.**
Stddev	96.	.29	.407	1.8	.032	6.
%RSD	.1170	.8569	13.33	.8796	2.279	.3150
#1	82290.	34.27	3.359	208.0	1.377	2030.
#2	82460.	34.13	3.205	210.5	1.378	2017.
#3	82460.	33.71	2.591	206.9	1.433	2023.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1467**	**15.91**	**52.07**	**168.5**	**72910.**	**2338.**
Stddev	.0477	.13	.79	1.1	421.	21.
%RSD	32.51	.8040	1.516	.6407	.5766	.8886
#1	.1257	15.97	52.45	169.7	73300.	2325.
#2	.2012	16.00	51.17	168.0	72970.	2327.
#3	.1130	15.76	52.61	167.7	72470.	2362.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11012-a-3-a@4 Acquired: 3/9/2010 22:30:57 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1636.**	F **12890.**	**151.5**	**30.04**	**55.06**	**-.4912**
Stddev	8.	160.	6.0	.35	1.25	1.113
%RSD	.5022	1.242	3.941	1.162	2.270	226.5
#1	1641.	12910.	150.7	30.13	55.21	-1.092
#2	1640.	12720.	157.8	30.34	56.22	.7929
#3	1627.	13040.	146.0	29.65	53.74	-1.175
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		10000.				
Low Limit		-50.00				

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.831**	**-6.923**	**66.32**	**166.4**	**24.89**	**5.205**
Stddev	1.381	.666	.64	1.8	.14	.229
%RSD	75.44	9.626	.9704	1.055	.5448	4.395
#1	1.312	-6.689	66.45	166.9	24.95	5.469
#2	3.396	-6.405	65.62	167.9	24.74	5.066
#3	.7845	-7.674	66.89	164.5	24.99	5.081
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11012-a-3-a@4 Acquired: 3/9/2010 22:30:57 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.225**	**48.49**	**761.9**
Stddev	.203	.11	4.2
%RSD	16.55	.2284	.5485
#1	1.292	48.46	765.6
#2	1.386	48.62	762.8
#3	.9972	48.40	757.4
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5507.6**	**139680.**	**19562.**
Stddev	43.6	1468.	75.
%RSD	.79200	1.0512	.38168
#1	5497.7	139740.	19638.
#2	5469.8	141120.	19489.
#3	5555.4	138180.	19559.

Sample Name: 460-11016-a-1-d@4 Acquired: 3/9/2010 22:37:40 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**59020.**	**18.54**	**.6277**	**290.9**	**3.160**	**2135.**
Stddev	117.	.79	.3302	1.0	.031	14.
%RSD	.1975	4.261	52.60	.3491	.9728	.6729
#1	58950.	18.79	.8370	292.0	3.125	2139.
#2	59160.	19.17	.2470	290.1	3.176	2146.
#3	58960.	17.65	.7991	290.6	3.180	2119.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3425**	**27.72**	**69.78**	**37.32**	**58720.**	**2871.**
Stddev	.0350	.06	.43	2.62	74.	65.
%RSD	10.23	.2047	.6126	7.025	.1252	2.280
#1	.3811	27.66	70.26	40.34	58650.	2823.
#2	.3126	27.72	69.65	35.64	58730.	2844.
#3	.3338	27.77	69.44	35.98	58790.	2945.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11016-a-1-d@4 Acquired: 3/9/2010 22:37:40 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6978.**	**2271.**	**196.2**	**49.64**	**75.15**	**-.1733**
Stddev	2.	15.	3.6	.12	.28	.4048
%RSD	.0298	.6803	1.830	.2436	.3673	233.5
#1	6978.	2289.	199.3	49.77	74.91	.2742
#2	6980.	2263.	197.0	49.54	75.45	-.5139
#3	6976.	2262.	192.3	49.60	75.11	-.2802
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.773**	**.7911**	**107.3**	**157.9**	**14.93**	**1.324**
Stddev	.216	.1271	.3	.4	.37	.006
%RSD	12.19	16.07	.3102	.2248	2.452	.4660
#1	1.555	.8040	107.4	158.3	15.29	1.317
#2	1.987	.9113	107.6	157.8	14.56	1.329
#3	1.777	.6580	106.9	157.6	14.94	1.325
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11016-a-1-d@4 Acquired: 3/9/2010 22:37:40 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.208**	**21.01**	**1257.**
Stddev	.149	.10	.
%RSD	12.33	.4745	.0301
#1	1.231	21.01	1257.
#2	1.050	21.11	1257.
#3	1.345	20.91	1257.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5739.1**	**144340.**	**20216.**
Stddev	7.2	638.	77.
%RSD	.12527	.44180	.38247
#1	5730.8	143680.	20295.
#2	5743.1	144380.	20141.
#3	5743.4	144960.	20212.

Sample Name: 460-11027-b-1-a@4 Acquired: 3/9/2010 22:44:24 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7239.**	**4.508**	**2.637**	**142.6**	**.3274**	**83680.**
Stddev	28.	1.455	.382	.9	.0083	302.
%RSD	.3823	32.27	14.50	.6348	2.521	.3606
#1	7237.	2.989	2.961	141.8	.3365	83770.
#2	7268.	4.646	2.215	142.5	.3204	83930.
#3	7212.	5.889	2.734	143.6	.3252	83340.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.6264**	**2.778**	**18.04**	**118.7**	**13350.**	**3300.**
Stddev	.0541	.150	.40	.7	67.	17.
%RSD	8.630	5.393	2.212	.6234	.5000	.5201
#1	.6868	2.844	18.50	118.0	13300.	3280.
#2	.5824	2.884	17.81	118.7	13320.	3308.
#3	.6100	2.607	17.81	119.5	13420.	3311.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11027-b-1-a@4 Acquired: 3/9/2010 22:44:24 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11470.**	**742.1**	**587.9**	**10.85**	**35.96**	**1.734**
Stddev	59.	1.0	15.4	.15	.90	.592
%RSD	.5167	.1319	2.625	1.364	2.491	34.11
#1	11420.	741.7	593.4	10.71	35.39	1.116
#2	11460.	743.2	570.4	10.82	35.50	1.792
#3	11540.	741.4	599.8	11.01	37.00	2.295
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.796**	**-.9987**	**28.69**	**276.5**	**57.18**	**1.494**
Stddev	1.187	.3184	.28	1.8	.24	.071
%RSD	66.09	31.88	.9603	.6590	.4168	4.742
#1	.5022	-.6644	28.37	274.9	56.92	1.474
#2	2.050	-1.298	28.85	276.2	57.39	1.435
#3	2.835	-1.033	28.85	278.5	57.23	1.573
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11027-b-1-a@4 Acquired: 3/9/2010 22:44:24 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**7.896**	**171.3**	**215.4**
Stddev	.288	.4	1.0
%RSD	3.653	.2512	.4555
#1	7.606	171.3	214.5
#2	7.898	171.8	215.1
#3	8.183	170.9	216.4
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5347.5**	**136270.**	**19088.**
Stddev	31.7	123.	115.
%RSD	.59211	.09006	.60337
#1	5378.8	136380.	19117.
#2	5348.2	136140.	18961.
#3	5315.5	136300.	19186.

Sample Name: 460-11027-b-2-a@4 Acquired: 3/9/2010 22:51:00 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7491.**	**5.518**	**2.295**	**144.0**	**.3228**	**42430.**
Stddev	20.	.818	.352	1.5	.0152	146.
%RSD	.2718	14.82	15.32	1.053	4.715	.3440
#1	7468.	5.585	2.590	145.7	.3053	42270.
#2	7499.	6.299	1.906	143.7	.3318	42520.
#3	7506.	4.669	2.389	142.7	.3314	42520.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.6666**	**3.364**	**20.56**	**129.0**	**12810.**	**2879.**
Stddev	.0447	.044	.08	.8	92.	27.
%RSD	6.709	1.311	.4049	.5959	.7192	.9243
#1	.6973	3.322	20.48	129.9	12890.	2869.
#2	.6873	3.360	20.65	128.3	12830.	2909.
#3	.6153	3.410	20.56	128.9	12710.	2858.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11027-b-2-a@4 Acquired: 3/9/2010 22:51:00 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5318.**	**630.2**	**556.5**	**11.37**	**47.93**	**1.392**
Stddev	34.	2.7	2.2	.13	.66	1.330
%RSD	.6405	.4356	.4003	1.173	1.382	95.52
#1	5344.	628.2	558.3	11.52	48.66	-.1434
#2	5329.	633.4	557.1	11.30	47.76	2.163
#3	5279.	629.1	554.0	11.28	47.37	2.157
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.281**	**-.7182**	**34.97**	**280.1**	**44.20**	**3.373**
Stddev	.835	.7608	.21	2.7	.31	.169
%RSD	36.60	105.9	.5961	.9801	.7075	5.004
#1	2.710	-.6143	35.03	283.0	44.56	3.563
#2	2.814	-1.526	35.14	279.5	44.04	3.241
#3	1.319	-.0147	34.74	277.6	43.99	3.316
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11027-b-2-a@4 Acquired: 3/9/2010 22:51:00 Type: Unk
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**7.963**	**149.7**	**275.8**
Stddev	.385	.1	2.0
%RSD	4.830	.0725	.7312
#1	7.827	149.6	277.5
#2	8.398	149.7	276.2
#3	7.665	149.8	273.5
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5402.1**	**137240.**	**19180.**
Stddev	24.5	491.	87.
%RSD	.45374	.35784	.45542
#1	5374.2	137750.	19275.
#2	5411.9	137190.	19104.
#3	5420.1	136770.	19160.

Sample Name: CCV Acquired: 3/9/2010 22:57:36 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**124100.**	**2411.**	**1251.**	**9880.**	**995.2**	**124000.**
Stddev	2731.	38.	28.	177.	22.3	2879.
%RSD	2.201	1.563	2.238	1.792	2.237	2.322
#1	127100.	2383.	1282.	9750.	1020.	127200.
#2	123100.	2454.	1226.	10080.	988.2	123000.
#3	121900.	2396.	1246.	9810.	977.2	121700.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1209.**	**2479.**	**5203.**	**12400.**	**96490.**	**49530.**
Stddev	22.	47.	151.	282.	813.	941.
%RSD	1.831	1.895	2.896	2.272	.8424	1.900
#1	1193.	2438.	5369.	12720.	96220.	50600.
#2	1234.	2530.	5076.	12310.	97400.	49180.
#3	1201.	2469.	5163.	12180.	95840.	48820.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/9/2010 22:57:36 Type: QC
Method: SW846O2102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**117800.**	**5059.**	**125500.**	**2422.**	**7318.**	**972.5**
Stddev	2051.	44.	2613.	45.	127.	18.3
%RSD	1.740	.8638	2.082	1.840	1.739	1.879
#1	116200.	5098.	128400.	2392.	7225.	957.2
#2	120200.	5011.	124600.	2473.	7463.	992.7
#3	117100.	5067.	123400.	2401.	7266.	967.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2423.**	**2466.**	**2533.**	**2441.**	**980.9**	**2363.**
Stddev	39.	41.	69.	46.	16.3	44.
%RSD	1.606	1.648	2.725	1.878	1.663	1.859
#1	2391.	2435.	2609.	2407.	969.2	2331.
#2	2466.	2512.	2474.	2493.	999.5	2413.
#3	2412.	2452.	2515.	2423.	973.9	2345.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/9/2010 22:57:36 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**953.1**	**5214.**	**9676.**
Stddev	17.9	132.	128.
%RSD	1.874	2.525	1.324
#1	942.4	5366.	9554.
#2	973.8	5147.	9810.
#3	943.3	5129.	9664.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5036.7**	**126610.**	**18595.**
Stddev	69.7	2716.	293.
%RSD	1.3837	2.1455	1.5762
#1	5077.4	123530.	18271.
#2	4956.3	128660.	18674.
#3	5076.5	127650.	18841.

Sample Name: CCB Acquired: 3/9/2010 23:04:43 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**29.05**	**.5663**	**.4965**	**2.483**	**.2922**	**51.39**
Stddev	4.48	.6298	.4135	.649	.0253	17.98
%RSD	15.41	111.2	83.27	26.14	8.648	34.99
#1	29.18	1.235	.3250	3.223	.2637	30.93
#2	24.52	.4785	.1964	2.214	.3013	64.69
#3	33.47	-.0150	.9681	2.011	.3117	58.56
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3042**	**.7781**	**1.645**	**4.626**	**39.29**	**-25.75**
Stddev	.0750	.1522	.111	3.027	4.07	24.41
%RSD	24.66	19.57	6.751	65.44	10.37	94.80
#1	.3908	.9468	1.717	1.751	43.62	-11.21
#2	.2622	.7362	1.702	4.342	35.53	-12.11
#3	.2597	.6511	1.518	7.785	38.72	-53.94
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/9/2010 23:04:43 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**42.77**	**2.104**	**84.38**	**.6093**	**1.454**	**.5110**
Stddev	3.79	.068	2.12	.3656	.467	.1962
%RSD	8.868	3.207	2.512	60.00	32.11	38.39
#1	46.91	2.145	81.95	1.028	1.745	.4921
#2	41.95	2.142	85.78	.3530	1.702	.7159
#3	39.46	2.026	85.43	.4469	.9158	.3249
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.017**	**1.928**	**.7901**	**.5789**	**1.269**	**1.746**
Stddev	.564	.301	.2936	.1637	.308	.434
%RSD	27.96	15.63	37.16	28.28	24.26	24.84
#1	2.362	1.868	.7523	.7442	1.486	2.192
#2	2.323	2.255	1.101	.5757	1.403	1.722
#3	1.366	1.661	.5172	.4168	.9165	1.325
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/9/2010 23:04:43 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.2257**	**1.703**	**3.926**
Stddev	.2531	.079	.206
%RSD	112.1	4.614	5.248
#1	.3282	1.613	4.146
#2	.4114	1.750	3.894
#3	-.0625	1.748	3.737
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5543.8**	**141330.**	**19226.**
Stddev	68.2	1451.	69.
%RSD	1.2303	1.0264	.35784
#1	5467.3	140970.	19265.
#2	5598.1	140090.	19266.
#3	5566.1	142930.	19146.

Sample Name: ICSA 371312 Acquired: 3/9/2010 23:11:21 Type: QC
Method: SW846O2102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**496100.**	**-3.291**	**.1845**	**1.588**	**-.1166**	**500300.**
Stddev	2908.	.859	.3721	.249	.0129	2351.
%RSD	.5863	26.09	201.7	15.68	11.03	.4700
#1	499300.	-3.850	.2446	1.789	-.1124	501300.
#2	493700.	-2.302	-.2141	1.665	-.1064	502000.
#3	495200.	-3.719	.5229	1.309	-.1311	497600.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0059**	**2.234**	**-.8471**	**.8721**	**182600.**	**-219.6**
Stddev	.0780	.117	.3101	3.886	918.	44.0
%RSD	1315.	5.261	36.60	445.6	.5024	20.02
#1	.0580	2.269	-.7465	.7158	182300.	-213.2
#2	-.0837	2.103	-1.195	-2.933	181900.	-266.4
#3	.0436	2.330	-.5999	4.834	183700.	-179.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/9/2010 23:11:21 Type: QC
Method: SW846O2102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**463300.**	**-2.825**	**77.29**	**1.330**	**-2.017**	**1.772**
Stddev	4109.	.037	10.26	.160	.694	.971
%RSD	.8870	1.322	13.28	12.04	34.39	54.80
#1	460600.	-2.786	69.31	1.285	-1.639	2.852
#2	461300.	-2.861	73.69	1.508	-1.595	1.494
#3	468000.	-2.826	88.87	1.197	-2.818	.9704
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.9204**	**1.572**	**2.514**	**-.8663**	**4.095**	**-1.831**
Stddev	.6130	.986	.130	.0892	.253	.356
%RSD	66.60	62.73	5.169	10.30	6.169	19.44
#1	-.8217	1.474	2.646	-.9258	3.894	-1.435
#2	-1.577	.6389	2.386	-.9094	4.013	-1.937
#3	-.3628	2.604	2.512	-.7638	4.379	-2.123
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/9/2010 23:11:21 Type: QC
Method: SW846O2102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1112**	**-7.583**	**-.9084**
Stddev	.1549	.177	.0723
%RSD	139.3	2.329	7.960
#1	.1630	-7.745	-.9139
#2	-.0629	-7.610	-.8334
#3	.2336	-7.395	-.9777
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4930.2**	**120430.**	**18643.**
Stddev	18.0	172.	29.
%RSD	.36440	.14248	.15794
#1	4937.9	120240.	18646.
#2	4943.0	120470.	18612.
#3	4909.6	120580.	18671.

Sample Name: ICSAB 371336 Acquired: 3/9/2010 23:18:20 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**492800.**	**91.86**	**102.6**	**97.37**	**96.04**	**489500.**
Stddev	1583.	2.50	.7	.97	.24	2621.
%RSD	.3213	2.718	.6616	.9969	.2455	.5355
#1	491000.	93.00	103.3	98.30	95.83	491800.
#2	493200.	89.00	101.9	96.36	95.99	486600.
#3	494100.	93.59	102.6	97.45	96.29	490000.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**90.39**	**93.53**	**98.63**	**94.15**	**181400.**	**9859.**
Stddev	.83	.56	.38	2.83	1782.	31.
%RSD	.9170	.5973	.3816	3.004	.9823	.3115
#1	91.08	94.03	98.20	96.60	183200.	9841.
#2	89.47	92.93	98.85	91.06	179700.	9841.
#3	90.63	93.65	98.85	94.80	181200.	9895.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/9/2010 23:18:20 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**457500.**	**96.90**	**10320.**	**90.69**	**88.45**	**93.36**
Stddev	4379.	.33	20.	.99	1.21	2.27
%RSD	.9571	.3421	.1948	1.092	1.371	2.435
#1	462000.	96.52	10300.	91.58	89.73	95.79
#2	453200.	97.06	10320.	89.62	88.30	91.29
#3	457500.	97.12	10340.	90.85	87.32	92.99
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**93.23**	**92.84**	**101.0**	**88.56**	**96.87**	**89.45**
Stddev	2.58	.28	.3	.87	1.10	1.01
%RSD	2.762	.3060	.3389	.9855	1.136	1.125
#1	95.44	93.02	100.6	89.38	97.85	90.36
#2	90.40	92.98	101.2	87.64	95.68	88.37
#3	93.85	92.51	101.2	88.66	97.07	89.60
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/9/2010 23:18:20 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**91.97**	**92.01**	**93.58**
Stddev	.88	.17	.81
%RSD	.9606	.1868	.8647
#1	92.45	91.84	94.47
#2	90.96	92.01	92.89
#3	92.52	92.19	93.38
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4977.9**	**121940.**	**18678.**
Stddev	40.2	344.	42.
%RSD	.80800	.28197	.22355
#1	4935.9	122340.	18651.
#2	5016.0	121710.	18726.
#3	4981.7	121770.	18657.

Sample Name: CCV Acquired: 3/9/2010 23:25:18 Type: QC
Method: SW846O2102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**122500.**	**2436.**	**1215.**	**9967.**	**997.6**	**124800.**
Stddev	274.	19.	1.	68.	1.6	179.
%RSD	.2240	.7697	.0786	.6853	.1623	.1437
#1	122800.	2458.	1216.	10040.	999.1	125000.
#2	122500.	2425.	1215.	9935.	997.7	124700.
#3	122200.	2426.	1214.	9920.	995.9	124600.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1222.**	**2488.**	**5028.**	**12360.**	**95740.**	**48170.**
Stddev	9.	12.	18.	20.	121.	136.
%RSD	.7165	.4636	.3493	.1646	.1259	.2813
#1	1232.	2500.	5042.	12380.	95860.	48290.
#2	1218.	2485.	5034.	12350.	95750.	48190.
#3	1215.	2478.	5009.	12340.	95620.	48020.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/9/2010 23:25:18 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**119100.**	**5094.**	**123000.**	**2440.**	**7338.**	**979.4**
Stddev	183.	19.	310.	20.	50.	7.8
%RSD	.1532	.3738	.2521	.8042	.6878	.7912
#1	119300.	5115.	123300.	2463.	7396.	988.3
#2	119200.	5089.	122900.	2430.	7313.	976.0
#3	119000.	5077.	122700.	2428.	7305.	974.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2437.**	**2469.**	**2455.**	**2448.**	**983.2**	**2374.**
Stddev	20.	17.	4.	18.	6.0	18.
%RSD	.8295	.6916	.1810	.7544	.6060	.7525
#1	2461.	2488.	2459.	2469.	990.0	2394.
#2	2427.	2459.	2456.	2439.	980.2	2365.
#3	2424.	2459.	2450.	2435.	979.3	2362.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/9/2010 23:25:18 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**951.5**	**4955.**	**9680.**
Stddev	8.6	13.	74.
%RSD	.9077	.2681	.7684
#1	961.5	4941.	9764.
#2	946.5	4968.	9621.
#3	946.5	4957.	9656.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5056.6**	**129410.**	**19009.**
Stddev	22.5	507.	39.
%RSD	.44446	.39168	.20315
#1	5030.7	128830.	18988.
#2	5069.1	129670.	19053.
#3	5070.1	129740.	18984.

Sample Name: CCB Acquired: 3/9/2010 23:32:26 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-3.974**	**.0238**	**.2531**	**.9818**	**.0290**	**16.79**
Stddev	13.68	.5506	.1148	.2767	.0637	17.78
%RSD	344.3	2311.	45.37	28.18	219.7	105.9
#1	-11.65	-.6048	.2551	.6837	-.0331	6.470
#2	-12.09	.2554	.1373	1.031	.0941	6.586
#3	11.82	.4209	.3668	1.230	.0260	37.32
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1511**	**.2927**	**.5342**	**2.678**	**16.91**	**21.19**
Stddev	.0303	.0908	.0925	.858	4.08	53.61
%RSD	20.08	31.02	17.31	32.02	24.14	253.0
#1	.1410	.2520	.4299	1.695	18.95	-6.601
#2	.1270	.2295	.6060	3.271	19.57	82.99
#3	.1852	.3968	.5668	3.068	12.21	-12.82
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/9/2010 23:32:26 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**28.57**	**.5403**	**36.55**	**.1920**	**.9807**	**-.1904**
Stddev	1.47	.0054	10.69	.1415	.3608	.2371
%RSD	5.133	1.003	29.26	73.68	36.79	124.5
#1	28.45	.5346	24.23	.0436	.9674	-.4311
#2	30.10	.5454	41.89	.3253	1.348	.0428
#3	27.17	.5408	43.51	.2070	.6267	-.1827
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3900**	**2.231**	**.4402**	**.1582**	**1.730**	**1.380**
Stddev	.9168	.264	.0537	.0993	.112	.241
%RSD	235.1	11.84	12.20	62.74	6.469	17.47
#1	-.6130	2.466	.4533	.0497	1.774	1.621
#2	.5982	2.282	.3812	.1806	1.813	1.380
#3	1.185	1.945	.4861	.2444	1.603	1.139
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/9/2010 23:32:26 Type: QC
Method: SW84602102010(v15) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3118**	**.2997**	**1.333**
Stddev	.1824	.0377	.065
%RSD	58.51	12.58	4.883
#1	.1894	.2624	1.353
#2	.2245	.2989	1.387
#3	.5215	.3378	1.261
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5403.9**	**139930.**	**18837.**
Stddev	37.3	2126.	65.
%RSD	.68977	1.5193	.34723
#1	5381.3	137900.	18763.
#2	5383.4	139750.	18861.
#3	5446.9	142140.	18887.

Sample Name: CAL_BLK Acquired: 3/10/2010 14:35:12 Type: Cal
Method: SW84602102010(v17) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0010**	**-.0001**	**-.0012**	**.0027**	**-.0009**	**-.0095**
Stddev	.0011	.0001	.0000	.0002	.0002	.0003
%RSD	109.3	35.09	1.153	7.648	20.92	2.665
#1	-.0021	-.0001	-.0011	.0026	-.0010	-.0095
#2	-.0008	-.0001	-.0011	.0029	-.0010	-.0097
#3	.0000	-.0002	-.0012	.0025	-.0007	-.0092

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0003**	**-.0005**	**.0001**	**.0006**	**-.0006**	**-.0247**
Stddev	.0001	.0001	.0000	.0003	.0004	.0005
%RSD	36.13	19.19	21.06	57.29	59.48	2.227
#1	-.0003	-.0005	.0001	.0007	-.0003	-.0241
#2	-.0002	-.0006	.0001	.0002	-.0010	-.0251
#3	-.0004	-.0004	.0001	.0008	-.0005	-.0248

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0009**	**.0001**	**-.0097**	**-.0002**	**.0003**	**.0002**
Stddev	.0011	.0000	.0009	.0001	.0002	.0001
%RSD	118.4	29.63	9.085	72.26	54.14	51.42
#1	.0022	.0001	-.0093	.0000	.0004	.0003
#2	.0005	.0001	-.0091	-.0003	.0004	.0001
#3	.0001	.0001	-.0107	-.0002	.0001	.0001

Sample Name: CAL_BLK Acquired: 3/10/2010 14:35:12 Type: Cal
Method: SW84602102010(v17) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0003**	**-.0004**	**.0001**	**.0004**	**.0004**	**-.0001**
Stddev	.0001	.0001	.0000	.0001	.0001	.0001
%RSD	22.95	18.69	51.29	24.80	20.62	51.02
#1	.0003	-.0005	.0001	.0006	.0004	-.0001
#2	.0002	-.0004	.0001	.0003	.0005	-.0001
#3	.0003	-.0005	.0000	.0005	.0004	-.0002

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	**.0002**	**-.0024**	**.0122**
Stddev	.0000	.0002	.0014
%RSD	20.58	8.248	11.10
#1	.0002	-.0025	.0114
#2	.0002	-.0026	.0138
#3	.0001	-.0022	.0114

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6324.0**	**128970.**	**15772.**
Stddev	15.9	164.	10.
%RSD	.25186	.12723	.06282
#1	6311.4	129150.	15762.
#2	6318.8	128830.	15773.
#3	6341.9	128930.	15782.

Sample Name: DCAL1 Acquired: 3/10/2010 14:41:55 Type: Cal
Method: SW846O2102010(v17) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0118**	**.0003**	**.0008**	**.5616**	**.0158**	**.2133**
Stddev	.0009	.0000	.0000	.0016	.0004	.0006
%RSD	7.801	3.748	5.236	.2824	2.237	.2964
#1	.0110	.0003	.0008	.5611	.0162	.2128
#2	.0128	.0003	.0009	.5603	.0155	.2140
#3	.0116	.0003	.0008	.5634	.0158	.2130

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0168**	**.0695**	**.0023**	**.0037**	**.0335**	**.1410**
Stddev	.0002	.0005	.0001	.0003	.0004	.0011
%RSD	.9807	.7009	2.201	6.841	1.292	.8102
#1	.0168	.0692	.0022	.0037	.0340	.1411
#2	.0170	.0693	.0023	.0039	.0332	.1398
#3	.0167	.0701	.0023	.0034	.0333	.1421

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2.576**	**.0172**	**.4726**	**.0499**	**.0017**	**.0015**
Stddev	.002	.0000	.0013	.0002	.0000	.0000
%RSD	.0892	.1276	.2734	.3451	1.153	1.211
#1	2.574	.0172	.4720	.0497	.0017	.0015
#2	2.576	.0172	.4741	.0498	.0017	.0015
#3	2.578	.0172	.4718	.0500	.0018	.0015

Sample Name: DCAL1 Acquired: 3/10/2010 14:41:55 Type: Cal
Method: SW84602102010(v17) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0005	.0014	.0092	.0438	.0197	.0172
Stddev	.0001	.0001	.0000	.0003	.0001	.0000
%RSD	10.75	3.866	.3224	.6432	.3589	.0655
#1	.0005	.0014	.0092	.0437	.0196	.0172
#2	.0005	.0014	.0092	.0436	.0198	.0172
#3	.0006	.0014	.0092	.0441	.0198	.0172

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	.0122	.0886	.4839
Stddev	.0001	.0010	.0016
%RSD	1.066	1.077	.3346
#1	.0120	.0875	.4854
#2	.0121	.0889	.4822
#3	.0123	.0893	.4842

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6268.7	127810.	16002.
Stddev	21.4	382.	81.
%RSD	.34158	.29885	.50924
#1	6286.6	128210.	16083.
#2	6274.4	127790.	16004.
#3	6245.0	127440.	15920.

Sample Name: DCAL2 Acquired: 3/10/2010 14:48:34 Type: Cal
Method: SW84602102010(v17) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.395**	**.0354**	**.0451**	**5.196**	**1.632**	**1.103**
Stddev	.004	.0003	.0001	.034	.002	.003
%RSD	.2701	.8147	.2769	.6462	.1031	.2711
#1	1.394	.0354	.0452	5.206	1.632	1.102
#2	1.391	.0357	.0450	5.223	1.631	1.101
#3	1.399	.0351	.0452	5.158	1.634	1.107

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.005**	**.6581**	**.2009**	**.2703**	**4.096**	**.2940**
Stddev	.006	.0038	.0006	.0008	.033	.0010
%RSD	.6086	.5831	.2828	.2811	.7973	.3295
#1	1.006	.6593	.2016	.2706	4.124	.2944
#2	1.010	.6612	.2006	.2695	4.104	.2928
#3	.9981	.6538	.2006	.2709	4.060	.2946

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**12.09**	**1.101**	**2.307**	**.5814**	**.4305**	**.0285**
Stddev	.09	.002	.007	.0034	.0029	.0002
%RSD	.7609	.2024	.2999	.5776	.6771	.5741
#1	12.16	1.104	2.305	.5816	.4315	.0286
#2	12.12	1.100	2.301	.5846	.4328	.0287
#3	11.99	1.100	2.315	.5779	.4272	.0284

Sample Name: DCAL2 Acquired: 3/10/2010 14:48:34 Type: Cal
Method: SW846021020l0(v17) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0356**	**.0914**	**.0861**	**.6451**	**.0823**	**.4089**
Stddev	.0003	.0006	.0000	.0043	.0005	.0028
%RSD	.8203	.6053	.0119	.6650	.6231	.6871
#1	.0358	.0916	.0861	.6460	.0824	.4099
#2	.0357	.0918	.0861	.6488	.0827	.4111
#3	.0353	.0908	.0861	.6404	.0817	.4058

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	**.0446**	**4.425**	**44.02**
Stddev	.0004	.013	.33
%RSD	.8021	.2835	.7399
#1	.0446	4.424	44.28
#2	.0449	4.413	44.13
#3	.0442	4.438	43.66

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6206.6**	**126640.**	**15856.**
Stddev	45.7	98.	70.
%RSD	.73579	.07728	.43930
#1	6178.7	126680.	15805.
#2	6181.8	126530.	15935.
#3	6259.3	126710.	15828.

Sample Name: DCAL3 Acquired: 3/10/2010 14:55:05 Type: Cal
Method: SW84602102010(v17) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7.122**	**.1855**	**.2378**	**25.63**	**8.354**	**5.588**
Stddev	.059	.0009	.0011	.12	.066	.049
%RSD	.8329	.4738	.4447	.4628	.7874	.8767
#1	7.054	.1845	.2390	25.50	8.279	5.532
#2	7.149	.1861	.2372	25.72	8.383	5.614
#3	7.162	.1860	.2371	25.67	8.401	5.619

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5.070**	**3.246**	**1.021**	**1.357**	**20.47**	**1.592**
Stddev	.020	.023	.006	.010	.04	.009
%RSD	.4007	.7130	.5748	.7141	.1939	.5628
#1	5.047	3.219	1.027	1.345	20.43	1.582
#2	5.086	3.258	1.020	1.363	20.50	1.598
#3	5.076	3.260	1.016	1.361	20.50	1.597

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**61.85**	**5.337**	**11.56**	**2.862**	**2.123**	**.1455**
Stddev	.33	.020	.09	.018	.009	.0006
%RSD	.5310	.3694	.8038	.6395	.4083	.3946
#1	61.52	5.354	11.45	2.840	2.113	.1448
#2	62.18	5.342	11.61	2.873	2.129	.1460
#3	61.85	5.315	11.62	2.871	2.126	.1456

Sample Name: DCAL3 Acquired: 3/10/2010 14:55:05 Type: Cal
Method: SW84602102010(v17) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1842	.4340	.4369	3.210	.4169	2.071
Stddev	.0006	.0021	.0021	.012	.0020	.011
%RSD	.3367	.4864	.4742	.3782	.4906	.5266
#1	.1836	.4317	.4391	3.196	.4145	2.059
#2	.1848	.4358	.4365	3.219	.4182	2.078
#3	.1842	.4346	.4351	3.216	.4180	2.077

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	.2202	21.79	219.4
Stddev	.0012	.16	2.0
%RSD	.5292	.7333	.9197
#1	.2189	21.67	217.1
#2	.2206	21.74	220.6
#3	.2212	21.97	220.5

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5831.0	119470.	15797.
Stddev	28.6	266.	110.
%RSD	.49128	.22229	.69735
#1	5864.0	119190.	15922.
#2	5814.6	119490.	15751.
#3	5814.3	119720.	15717.

Sample Name: DCAL4 Acquired: 3/10/2010 15:02:16 Type: Cal
Method: SW846O2102010(v17) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14.29**	**.3689**	**.4849**	**49.37**	**16.47**	**11.33**
Stddev	.06	.0017	.0003	.14	.06	.06
%RSD	.4397	.4715	.0713	.2757	.3670	.4984
#1	14.22	.3709	.4850	49.53	16.40	11.29
#2	14.30	.3679	.4846	49.30	16.51	11.31
#3	14.34	.3679	.4853	49.28	16.51	11.40

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**9.880**	**6.322**	**1.997**	**2.721**	**40.27**	**3.270**
Stddev	.055	.023	.001	.011	.38	.011
%RSD	.5546	.3679	.0474	.3888	.9544	.3439
#1	9.943	6.339	1.997	2.708	40.67	3.257
#2	9.848	6.295	1.998	2.726	40.23	3.275
#3	9.848	6.330	1.997	2.727	39.91	3.277

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**122.4**	**10.40**	**23.34**	**5.552**	**4.110**	**.2889**
Stddev	1.3	.02	.23	.021	.024	.0018
%RSD	1.045	.1455	.9907	.3762	.5745	.6197
#1	123.8	10.38	23.07	5.571	4.137	.2910
#2	121.7	10.40	23.48	5.530	4.098	.2880
#3	121.5	10.41	23.46	5.555	4.095	.2879

Sample Name: DCAL4 Acquired: 3/10/2010 15:02:16 Type: Cal
Method: SW846021020l0(v17) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3643	.8317	.8739	6.245	.8144	4.089
Stddev	.0016	.0030	.0006	.035	.0031	.019
%RSD	.4391	.3620	.0684	.5550	.3831	.4685
#1	.3662	.8351	.8744	6.285	.8180	4.111
#2	.3631	.8305	.8732	6.225	.8124	4.077
#3	.3637	.8294	.8741	6.225	.8128	4.078

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	.4277	43.68	430.8
Stddev	.0016	.33	3.3
%RSD	.3785	.7637	.7631
#1	.4293	43.45	434.5
#2	.4260	43.52	429.7
#3	.4278	44.06	428.2

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5543.9	114210.	15316.
Stddev	32.9	394.	98.
%RSD	.59314	.34456	.64295
#1	5509.3	114610.	15429.
#2	5547.5	114190.	15262.
#3	5574.8	113830.	15256.

Sample Name: ICV Acquired: 3/10/2010 15:09:48 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123300.**	**2558.**	**1230.**	**10400.**	**1006.**	**124000.**
Stddev	78.	8.	5.	22.	1.	123.
%RSD	.0635	.3161	.4219	.2141	.1193	.0995
#1	123400.	2552.	1224.	10380.	1007.	124100.
#2	123300.	2556.	1231.	10400.	1005.	124100.
#3	123300.	2568.	1234.	10430.	1007.	123900.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1275.**	**2573.**	**5072.**	**12470.**	**101100.**	**49150.**
Stddev	2.	12.	2.	10.	119.	43.
%RSD	.1592	.4578	.0472	.0807	.1174	.0875
#1	1274.	2561.	5071.	12480.	101000.	49190.
#2	1275.	2574.	5075.	12460.	101200.	49150.
#3	1278.	2584.	5071.	12480.	101200.	49110.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 3/10/2010 15:09:48 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**126900.**	**5106.**	**124000.**	**2571.**	**7662.**	**1022.**
Stddev	251.	31.	61.	11.	6.	2.
%RSD	.1977	.6034	.0488	.4305	.0767	.1754
#1	127200.	5077.	123900.	2560.	7658.	1022.
#2	126700.	5104.	124000.	2572.	7659.	1020.
#3	127000.	5138.	123900.	2582.	7668.	1024.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2551.**	**2575.**	**2488.**	**2567.**	**1032.**	**2491.**
Stddev	4.	4.	9.	3.	3.	7.
%RSD	.1516	.1578	.3541	.1185	.2509	.2630
#1	2549.	2573.	2478.	2564.	1030.	2485.
#2	2549.	2572.	2489.	2565.	1032.	2490.
#3	2556.	2579.	2496.	2570.	1035.	2498.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 3/10/2010 15:09:48 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1009.**	**5101.**	**10070.**
Stddev	3.	40.	66.
%RSD	.3259	.7846	.6568
#1	1006.	5089.	10080.
#2	1009.	5146.	9999.
#3	1012.	5069.	10130.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5886.7**	**120790.**	**15928.**
Stddev	12.7	325.	11.
%RSD	.21577	.26945	.06630
#1	5899.3	121110.	15938.
#2	5887.0	120800.	15917.
#3	5873.9	120460.	15927.

Sample Name: CCB Acquired: 3/10/2010 15:16:55 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.8804**	**1.869**	**-.2724**	**-.0785**	**-.0849**	**-6.759**
Stddev	4.265	.518	.2611	.0578	.0217	4.427
%RSD	484.5	27.71	95.83	73.69	25.60	65.50
#1	4.715	2.244	-.4666	-.1395	-.0754	-5.933
#2	-3.713	2.085	.0244	-.0245	-.0695	-2.803
#3	1.639	1.278	-.3751	-.0715	-.1098	-11.54
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0063**	**-.0733**	**-.2067**	**.4265**	**1.159**	**111.8**
Stddev	.0343	.1107	.1613	1.130	3.210	29.4
%RSD	540.3	151.1	78.03	264.9	276.9	26.28
#1	-.0447	-.0522	-.0234	1.191	4.697	81.49
#2	.0043	-.1930	-.3269	.9597	-1.569	140.2
#3	.0213	.0254	-.2696	-.8713	.3500	113.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/10/2010 15:16:55 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-3.752**	**.0127**	**42.73**	**-.2907**	**.2453**	**.2399**
Stddev	1.305	.0415	13.90	.0278	.6117	.6078
%RSD	34.77	326.7	32.53	9.559	249.4	253.4
#1	-4.004	.0588	47.08	-.2970	-.4188	.4158
#2	-2.339	-.0216	53.93	-.3147	.7857	-.4366
#3	-4.912	.0009	27.17	-.2603	.3691	.7403
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.493**	**1.674**	**-.3221**	**.0927**	**3.535**	**.8534**
Stddev	1.361	.289	.1156	.0536	.437	.2872
%RSD	91.17	17.24	35.89	57.74	12.37	33.65
#1	-.6490	1.342	-.4099	.1528	3.992	1.144
#2	-.7663	1.825	-.3651	.0501	3.120	.8456
#3	-3.062	1.856	-.1911	.0753	3.494	.5702
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/10/2010 15:16:55 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.0686**	**-.0434**	**.5666**
Stddev	.1264	.0852	.0302
%RSD	184.3	196.2	5.337
#1	.0325	.0369	.5472
#2	-.0280	-.0345	.5512
#3	-.2103	-.1327	.6015
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6244.5**	**129580.**	**15838.**
Stddev	7.6	136.	46.
%RSD	.12126	.10463	.29245
#1	6252.8	129730.	15891.
#2	6242.9	129470.	15812.
#3	6237.9	129530.	15810.

Sample Name: ICSA 371312 Acquired: 3/10/2010 15:23:30 Type: QC
Method: SW846O2102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**501100.**	**-2.713**	**2.395**	**1.081**	**-.1891**	**504300.**
Stddev	1046.	1.093	.095	.101	.0378	5212.
%RSD	.2087	40.28	3.958	9.368	19.97	1.034
#1	502100.	-1.657	2.417	1.182	-.1798	498700.
#2	500000.	-2.642	2.476	1.082	-.1569	505200.
#3	501300.	-3.839	2.291	.9791	-.2306	509000.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.262**	**2.369**	**-.5517**	**2.176**	**195200.**	**-9.583**
Stddev	.115	.177	.0785	.932	737.	17.41
%RSD	9.089	7.458	14.22	42.83	.3775	181.6
#1	-1.172	2.339	-.4642	2.358	195800.	-14.71
#2	-1.223	2.210	-.5753	3.003	195300.	-23.85
#3	-1.391	2.559	-.6157	1.166	194400.	9.812
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/10/2010 15:23:30 Type: QC
Method: SW846O2102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**496900.**	**-4.290**	**78.55**	**.9171**	**-5.189**	**2.368**
Stddev	2747.	.082	9.69	.2643	1.223	.301
%RSD	.5527	1.911	12.34	28.82	23.56	12.73
#1	499700.	-4.295	71.91	.8129	-6.586	2.689
#2	496900.	-4.370	74.07	1.218	-4.314	2.091
#3	494200.	-4.206	89.67	.7207	-4.667	2.324
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.529**	**.6589**	**1.865**	**-2.013**	**6.247**	**-2.376**
Stddev	2.113	.7527	.354	.137	.054	.097
%RSD	138.2	114.2	18.96	6.790	.8653	4.076
#1	.7205	1.294	1.987	-1.861	6.306	-2.471
#2	-1.833	.8553	1.466	-2.125	6.234	-2.380
#3	-3.473	-.1725	2.141	-2.054	6.200	-2.277
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/10/2010 15:23:30 Type: QC
Method: SW846O2102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.2298**	**-7.784**	**-2.659**
Stddev	.2659	.216	.132
%RSD	115.7	2.780	4.961
#1	.1391	-7.565	-2.556
#2	.0212	-7.789	-2.613
#3	.5292	-7.997	-2.807
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5733.6**	**113410.**	**15525.**
Stddev	21.7	102.	116.
%RSD	.37891	.09001	.74615
#1	5712.5	113440.	15639.
#2	5732.5	113500.	15530.
#3	5755.9	113300.	15407.

Sample Name: ICSAB 371336 Acquired: 3/10/2010 15:30:26 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**492900.**	**95.96**	**103.3**	**102.3**	**97.62**	**484100.**
Stddev	3179.	.57	2.5	.8	.11	4772.
%RSD	.6449	.5959	2.397	.8123	.1128	.9858
#1	496400.	96.44	105.0	102.1	97.56	489300.
#2	491800.	96.12	100.4	103.2	97.75	483000.
#3	490300.	95.33	104.4	101.6	97.55	480000.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**94.76**	**98.28**	**98.02**	**97.35**	**191600.**	**9966.**
Stddev	1.22	.94	4.22	2.21	1069.	49.
%RSD	1.283	.9552	4.308	2.273	.5579	.4961
#1	94.43	98.13	100.3	98.46	192700.	10020.
#2	96.11	99.28	93.15	94.80	190600.	9939.
#3	93.75	97.42	100.6	98.79	191400.	9937.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/10/2010 15:30:26 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**495800.**	**92.52**	**10280.**	**96.60**	**89.82**	**97.91**
Stddev	8257.	3.88	10.	1.08	1.04	1.24
%RSD	1.665	4.198	.0959	1.118	1.159	1.265
#1	497200.	94.58	10290.	96.43	89.77	97.37
#2	503200.	88.04	10290.	97.76	90.88	99.32
#3	486900.	94.93	10270.	95.62	88.80	97.03
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**97.90**	**95.38**	**98.50**	**93.50**	**104.0**	**94.75**
Stddev	.68	1.08	4.29	1.08	.9	.89
%RSD	.6947	1.129	4.360	1.153	.8915	.9379
#1	97.72	95.16	101.2	93.05	104.1	94.77
#2	98.66	96.55	93.55	94.73	105.0	95.63
#3	97.34	94.43	100.8	92.72	103.1	93.85
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/10/2010 15:30:26 Type: QC
Method: SW846O2102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**98.61**	**90.98**	**96.23**
Stddev	.30	.20	.60
%RSD	.2996	.2150	.6208
#1	98.51	90.75	96.90
#2	98.95	91.13	95.74
#3	98.39	91.04	96.06
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5722.9**	**115490.**	**15824.**
Stddev	40.8	3645.	37.
%RSD	.71380	3.1559	.23174
#1	5737.4	113860.	15866.
#2	5676.8	119660.	15810.
#3	5754.5	112940.	15797.

Sample Name: INT-10 Acquired: 3/10/2010 15:37:21 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**266.8**	**9.247**	**-1.874**	**11.06**	**2.060**	**67.36**
Stddev	5.9	1.097	.242	.08	.088	1.16
%RSD	2.201	11.86	12.92	.7618	4.266	1.721
#1	273.0	10.47	-2.036	10.96	2.116	67.24
#2	261.4	8.361	-1.595	11.09	2.105	68.58
#3	265.9	8.906	-1.990	11.12	1.959	66.27
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2222**	F **11010.**	F **10300.**	**-15.12**	**237.7**	**35.53**
Stddev	.0427	24.	53.	2.45	6.0	22.74
%RSD	19.23	.2186	.5178	16.20	2.537	64.01
#1	-.1838	11010.	10250.	-13.19	235.3	61.52
#2	-.2147	11040.	10360.	-17.87	233.2	25.82
#3	-.2682	10990.	10300.	-14.28	244.5	19.26
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		5000.	10000.			
Low Limit		-50.00	-20.00			

Sample Name: INT-10 Acquired: 3/10/2010 15:37:21 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**102.3**	F **10130.**	**35.65**	F **11060.**	**-7.396**	**11.34**
Stddev	21.6	79.	10.01	28.	.295	1.14
%RSD	21.14	.7781	28.08	.2511	3.983	10.04
#1	83.84	10210.	40.96	11060.	-7.078	12.29
#2	96.92	10060.	41.87	11090.	-7.660	11.64
#3	126.1	10120.	24.10	11030.	-7.448	10.08
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit		10000.		5000.		
Low Limit		-50.00		-50.00		

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-5.210**	**-6.195**	F **5024.**	**3.790**	**2.057**	F **5244.**
Stddev	1.222	1.544	13.	.114	.765	22.
%RSD	23.46	24.93	.2653	3.000	37.19	.4107
#1	-5.316	-7.137	5010.	3.695	1.398	5257.
#2	-6.375	-7.035	5026.	3.758	1.878	5256.
#3	-3.938	-4.412	5037.	3.916	2.896	5219.
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Fail
High Limit			5000.			5000.
Low Limit			-50.00			-50.00

Sample Name: INT-10 Acquired: 3/10/2010 15:37:21 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	F **11040.**	F **10160.**	**10570.**
Stddev	26.	88.	56.
%RSD	.2370	.8710	.5339
#1	11040.	10050.	10620.
#2	11060.	10190.	10580.
#3	11010.	10220.	10510.
Check ?	Chk Fail	Chk Fail	Chk Pass
High Limit	2000.	10000.	
Low Limit	-50.00	-50.00	
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6008.1**	**128040.**	**15771.**
Stddev	43.6	405.	98.
%RSD	.72499	.31637	.62009
#1	5970.9	128490.	15876.
#2	5997.5	127940.	15753.
#3	6056.0	127690.	15683.

Sample Name: mb 460-31650/1-a Acquired: 3/10/2010 15:44:27 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**32.94**	**1.824**	**-.0704**	**-.0812**	**-.0520**	**32.11**
Stddev	10.39	.876	.3162	.0493	.0307	5.48
%RSD	31.55	48.06	449.0	60.77	59.16	17.08
#1	28.17	1.601	-.4143	-.0381	-.0412	25.84
#2	25.78	2.790	-.0047	-.1350	-.0866	34.49
#3	44.86	1.080	.2077	-.0704	-.0280	36.00
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0106**	**1.335**	**1.957**	**2.036**	**20.18**	**112.3**
Stddev	.0628	.561	.312	2.071	.88	16.7
%RSD	594.4	42.02	15.91	101.7	4.381	14.86
#1	.0323	1.883	1.601	2.380	19.36	114.9
#2	-.0826	1.362	2.179	-.1856	20.05	94.41
#3	.0186	.7615	2.091	3.914	21.12	127.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-31650/1-a Acquired: 3/10/2010 15:44:27 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**47.27**	**2.121**	**24.19**	**1.236**	**-.1903**	**-.3395**
Stddev	3.17	.154	5.46	.499	.3789	.2162
%RSD	6.708	7.261	22.58	40.38	199.1	63.67
#1	45.67	2.052	18.02	1.688	-.0617	-.1699
#2	50.93	2.298	26.16	1.320	-.6167	-.5830
#3	45.22	2.014	28.40	.7004	.1076	-.2657
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.248**	**.6889**	**1.062**	**1.933**	**1.870**	**1.682**
Stddev	.759	.4397	.254	.053	.189	.483
%RSD	60.82	63.83	23.96	2.745	10.09	28.72
#1	-2.052	1.084	1.119	1.924	1.661	2.225
#2	-.5431	.2152	1.283	1.990	1.924	1.520
#3	-1.150	.7673	.7837	1.885	2.026	1.301
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-31650/1-a Acquired: 3/10/2010 15:44:27 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.615**	**1.301**	**2.403**
Stddev	.602	.228	.167
%RSD	37.28	17.50	6.939
#1	2.234	1.087	2.263
#2	1.579	1.275	2.587
#3	1.031	1.540	2.358
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6377.1**	**132430.**	**16286.**
Stddev	14.3	554.	65.
%RSD	.22454	.41807	.39747
#1	6393.6	132970.	16361.
#2	6369.8	131860.	16252.
#3	6367.9	132470.	16245.

Sample Name: lcs 460-31650/2-a Acquired: 3/10/2010 15:51:02 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2092.**	**2081.**	**48.85**	**2164.**	**50.91**	**20060.**
Stddev	5.	2.	.31	3.	.03	35.
%RSD	.2203	.1008	.6423	.1524	.0605	.1735
#1	2087.	2079.	48.65	2160.	50.88	20030.
#2	2094.	2083.	48.69	2166.	50.94	20060.
#3	2096.	2081.	49.22	2164.	50.90	20100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**52.87**	**536.6**	**211.4**	**261.2**	**1132.**	**20570.**
Stddev	.12	2.6	.1	1.7	4.	34.
%RSD	.2320	.4810	.0657	.6612	.3180	.1654
#1	52.73	533.7	211.5	259.3	1129.	20560.
#2	52.90	537.3	211.4	262.6	1132.	20540.
#3	52.98	538.7	211.2	261.9	1136.	20600.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-31650/2-a Acquired: 3/10/2010 15:51:02 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**21620.**	**541.9**	**20540.**	**544.0**	**544.4**	**507.4**
Stddev	36.	1.0	22.	2.1	.8	1.0
%RSD	.1671	.1766	.1059	.3911	.1413	.2016
#1	21580.	540.9	20520.	541.6	543.6	506.4
#2	21640.	541.9	20530.	544.6	544.7	507.2
#3	21640.	542.8	20570.	545.8	545.1	508.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2097.**	F **2316.**	**514.6**	**530.4**	**524.4**	**541.4**
Stddev	1.	7.	1.1	1.0	1.3	.9
%RSD	.0611	.2915	.2054	.1895	.2442	.1744
#1	2098.	2309.	513.7	529.3	523.1	540.4
#2	2097.	2321.	514.3	531.2	524.5	542.1
#3	2095.	2320.	515.8	530.7	525.7	541.9
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		2000.				
Range		15.00%				

Sample Name: lcs 460-31650/2-a Acquired: 3/10/2010 15:51:02 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**566.3**	**502.7**	**557.8**
Stddev	2.5	.6	1.6
%RSD	.4500	.1202	.2872
#1	563.4	502.2	556.0
#2	567.3	502.7	558.4
#3	568.2	503.4	559.1
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6180.9**	**127640.**	**15981.**
Stddev	16.0	382.	75.
%RSD	.25909	.29904	.46807
#1	6199.3	128060.	16015.
#2	6173.1	127530.	16032.
#3	6170.2	127320.	15895.

Sample Name: 460-10889-d-18-c du Acquired: 3/10/2010 15:57:32 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6.327**	**13.23**	**1.631**	**446.7**	**-.0371**	**47610.**
Stddev	6.083	.76	.307	.4	.0176	74.
%RSD	96.14	5.730	18.81	.0999	47.47	.1546
#1	9.122	14.02	1.851	446.2	-.0303	47520.
#2	10.51	13.16	1.762	446.9	-.0571	47630.
#3	-.6510	12.51	1.281	446.9	-.0239	47660.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.5111**	**40.31**	**-.0571**	**2.476**	**54860.**	**4496.**
Stddev	.0522	.30	.0344	.999	189.	35.
%RSD	10.22	.7397	60.36	40.33	.3438	.7844
#1	-.4781	39.98	-.0370	3.215	54940.	4462.
#2	-.5713	40.56	-.0373	2.873	55000.	4493.
#3	-.4839	40.38	-.0968	1.340	54650.	4533.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-18-c du Acquired: 3/10/2010 15:57:32 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**38580.**	**859.2**	**138400.**	**3.794**	**2.539**	**-.2593**
Stddev	89.	1.7	766.	.163	.806	.4541
%RSD	.2300	.1924	.5536	4.308	31.75	175.1
#1	38610.	859.8	137600.	3.925	1.615	.2010
#2	38650.	857.3	139200.	3.610	2.905	-.7069
#3	38480.	860.5	138500.	3.846	3.098	-.2720
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.1220**	**-.1674**	**.7799**	**68.92**	**36.21**	**.7863**
Stddev	1.120	.1604	.1447	.03	.45	.0835
%RSD	917.6	95.85	18.56	.0439	1.253	10.62
#1	-1.095	-.2310	.6448	68.88	35.97	.8696
#2	1.102	.0151	.7621	68.94	36.73	.7869
#3	-.3733	-.2862	.9326	68.93	35.92	.7025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-18-c du Acquired: 3/10/2010 15:57:32 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.6770**	**421.4**	**.9636**
Stddev	.1836	.6	.0608
%RSD	27.12	.1353	6.314
#1	.5425	420.8	.9357
#2	.6022	421.4	.9217
#3	.8861	421.9	1.033
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6141.7**	**125490.**	**16025.**
Stddev	3.4	598.	75.
%RSD	.05461	.47627	.46986
#1	6141.8	125760.	16098.
#2	6138.3	125910.	15948.
#3	6145.0	124800.	16030.

Sample Name: 460-10889-d-18-b Acquired: 3/10/2010 16:04:15 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-8.127**	**12.04**	**1.616**	**456.0**	**-.0466**	**47960.**
Stddev	9.334	.46	.120	2.6	.0465	27.
%RSD	114.8	3.836	7.443	.5700	99.63	.0569
#1	2.650	11.72	1.590	456.8	-.0569	47930.
#2	-13.61	11.83	1.747	458.1	-.0871	47980.
#3	-13.43	12.57	1.511	453.1	.0041	47970.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.5199**	**40.61**	**-.0195**	**3.123**	**55650.**	**4520.**
Stddev	.0131	.27	.4328	2.043	224.	19.
%RSD	2.526	.6670	2220.	65.41	.4025	.4132
#1	-.5332	40.61	.4762	5.160	55710.	4512.
#2	-.5069	40.88	-.2125	3.137	55830.	4507.
#3	-.5198	40.34	-.3222	1.074	55400.	4541.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-18-b Acquired: 3/10/2010 16:04:15 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**39450.**	**870.0**	**139200.**	**3.694**	**2.069**	**-.6457**
Stddev	127.	1.9	317.	.129	.122	.7605
%RSD	.3209	.2131	.2276	3.488	5.882	117.8
#1	39470.	868.0	139500.	3.624	2.121	.1623
#2	39570.	870.4	138900.	3.843	1.930	-1.348
#3	39320.	871.7	139300.	3.615	2.156	-.7519
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.987**	**-2.011**	**.7078**	**70.07**	**36.45**	**.4985**
Stddev	1.503	.925	.2372	.41	.45	.0929
%RSD	75.62	46.01	33.51	.5876	1.224	18.64
#1	-3.231	-1.165	.6274	70.26	36.63	.4435
#2	-.3174	-1.868	.5214	70.34	36.78	.4461
#3	-2.413	-2.999	.9748	69.59	35.95	.6057
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-18-b Acquired: 3/10/2010 16:04:15 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1474**	**424.4**	**.7946**
Stddev	.3857	.5	.1007
%RSD	261.6	.1099	12.67
#1	-.1984	424.1	.7022
#2	.5634	424.9	.7796
#3	.0773	424.0	.9019
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6046.9**	**122660.**	**15903.**
Stddev	12.3	546.	46.
%RSD	.20342	.44517	.29116
#1	6055.0	123190.	15948.
#2	6032.7	122680.	15904.
#3	6052.9	122100.	15856.

Sample Name: sd 460-10889-d-18-b@ Acquired: 3/10/2010 16:10:58 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8.953**	**2.837**	**.0069**	**89.81**	**-.0519**	**9320.**
Stddev	5.654	.555	.3018	.20	.0360	16.
%RSD	63.15	19.58	4396.	.2247	69.40	.1698
#1	5.417	2.431	.0223	90.04	-.0903	9302.
#2	5.969	3.470	.3007	89.73	-.0464	9332.
#3	15.47	2.609	-.3024	89.66	-.0189	9326.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.1144**	**8.090**	**-.0957**	**2.752**	**10990.**	**962.8**
Stddev	.0192	.068	.1170	1.689	77.	17.6
%RSD	16.80	.8459	122.3	61.39	.6960	1.827
#1	-.1264	8.075	-.2246	4.178	11060.	961.7
#2	-.1245	8.031	-.0661	3.191	11010.	945.7
#3	-.0922	8.165	.0037	.8864	10910.	980.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-10889-d-18-b@ Acquired: 3/10/2010 16:10:58 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7626.**	**171.5**	**27670.**	**.6083**	**.8084**	**-.5570**
Stddev	40.	.5	68.	.1160	.1466	.4884
%RSD	.5280	.2914	.2441	19.08	18.13	87.70
#1	7667.	171.3	27600.	.4770	.8763	-.7484
#2	7626.	172.1	27730.	.6510	.9087	-.0018
#3	7586.	171.1	27690.	.6970	.6402	-.9207
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.730**	**.1943**	**.0856**	**13.84**	**7.626**	**.0347**
Stddev	1.915	.4409	.1163	.11	.063	.0288
%RSD	110.7	226.9	135.9	.7668	.8249	83.01
#1	-.5616	.7027	-.0478	13.96	7.607	.0116
#2	-3.941	-.0840	.1658	13.76	7.697	.0255
#3	-.6887	-.0358	.1386	13.80	7.576	.0669
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-10889-d-18-b@ Acquired: 3/10/2010 16:10:58 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.1898**	**83.26**	**.2998**
Stddev	.3733	.22	.0319
%RSD	196.6	.2671	10.64
#1	.1225	83.02	.3362
#2	-.6032	83.31	.2866
#3	-.0887	83.46	.2766
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6267.1**	**128530.**	**15982.**
Stddev	18.9	288.	94.
%RSD	.30189	.22408	.58962
#1	6249.3	128860.	16035.
#2	6265.2	128350.	16038.
#3	6286.9	128390.	15873.

Sample Name: 460-10889-d-18-d ms Acquired: 3/10/2010 16:17:32 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2099.**	**2174.**	**51.00**	**2608.**	**51.46**	**67930.**
Stddev	8.	11.	.27	16.	.05	250.
%RSD	.4004	.4875	.5303	.5980	.0904	.3676
#1	2090.	2163.	50.72	2592.	51.41	67670.
#2	2101.	2184.	51.03	2623.	51.49	67940.
#3	2106.	2175.	51.26	2609.	51.49	68170.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**52.66**	**572.5**	**211.5**	**262.8**	**56140.**	**25490.**
Stddev	.38	3.1	.6	.6	45.	51.
%RSD	.7176	.5348	.3033	.2384	.0794	.2002
#1	52.27	569.1	211.8	263.1	56110.	25450.
#2	53.03	575.2	210.8	263.2	56190.	25480.
#3	52.67	573.0	212.0	262.1	56110.	25550.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-18-d ms Acquired: 3/10/2010 16:17:32 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**60890.**	**1392.**	**157900.**	**542.8**	**535.8**	**518.2**
Stddev	117.	4.	654.	3.3	2.6	3.8
%RSD	.1922	.2666	.4144	.5989	.4891	.7286
#1	60790.	1394.	158600.	539.3	533.2	515.2
#2	61020.	1388.	157600.	545.7	538.4	522.5
#3	60870.	1395.	157400.	543.3	535.8	517.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2169.**	**2216.**	**519.4**	**602.2**	**567.9**	**545.1**
Stddev	15.	13.	1.8	3.2	2.5	3.6
%RSD	.6825	.5769	.3518	.5328	.4390	.6651
#1	2159.	2203.	520.3	599.0	565.9	541.3
#2	2186.	2228.	517.3	605.4	570.7	548.5
#3	2163.	2216.	520.7	602.1	567.2	545.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-18-d ms Acquired: 3/10/2010 16:17:32 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**563.8**	**924.6**	**555.9**
Stddev	3.2	2.8	1.6
%RSD	.5761	.3066	.2904
#1	560.3	921.7	554.5
#2	566.7	924.8	557.6
#3	564.4	927.3	555.5
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6052.3**	**123660.**	**16075.**
Stddev	21.9	447.	55.
%RSD	.36128	.36151	.34062
#1	6075.9	123910.	16126.
#2	6032.7	123930.	16082.
#3	6048.2	123140.	16017.

Sample Name: 460-10889-d-19-b Acquired: 3/10/2010 16:24:11 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**129.6**	**-.8542**	**9.615**	**722.0**	**-.0143**	**92210.**
Stddev	12.2	.6438	.310	4.0	.0049	186.
%RSD	9.400	75.37	3.219	.5590	34.64	.2016
#1	122.9	-1.084	9.284	717.8	-.0194	92130.
#2	143.7	-.1270	9.897	722.6	-.0139	92080.
#3	122.3	-1.352	9.663	725.8	-.0095	92430.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.729**	**4.373**	**.2442**	**-8.040**	F **261300.**	**5053.**
Stddev	.088	.189	.3023	3.725	548.	28.
%RSD	5.095	4.324	123.8	46.33	.2096	.5525
#1	-1.782	4.293	-.1015	-9.207	261600.	5084.
#2	-1.778	4.237	.4591	-11.04	260700.	5044.
#3	-1.628	4.589	.3751	-3.872	261600.	5030.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Sample Name: 460-10889-d-19-b Acquired: 3/10/2010 16:24:11 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**99660.**	F **21930.**	**160100.**	**2.138**	**4.909**	**-3.573**
Stddev	754.	89.	1511.	.113	.610	.479
%RSD	.7566	.4071	.9442	5.260	12.43	13.41
#1	99290.	21870.	158900.	2.188	5.510	-3.256
#2	99160.	22040.	159500.	2.218	4.927	-4.124
#3	100500.	21890.	161800.	2.010	4.290	-3.339
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		10000.				
Low Limit		-50.00				

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.162**	**-15.78**	**-.8549**	**20.08**	**23.47**	**-1.007**
Stddev	.690	1.39	.1214	.14	.15	.066
%RSD	31.90	8.812	14.20	.6941	.6337	6.565
#1	2.952	-16.52	-.9737	20.03	23.62	-1.046
#2	1.856	-16.65	-.8600	19.97	23.32	-.9304
#3	1.679	-14.18	-.7311	20.24	23.48	-1.043
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-19-b Acquired: 3/10/2010 16:24:11 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.384**	**948.0**	**4.731**
Stddev	.185	1.1	.106
%RSD	13.40	.1167	2.241
#1	1.212	948.0	4.662
#2	1.360	946.9	4.853
#3	1.580	949.2	4.678
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5980.5**	**122180.**	**16065.**
Stddev	22.7	305.	49.
%RSD	.38034	.24932	.30317
#1	6004.2	122290.	16088.
#2	5978.6	121830.	16098.
#3	5958.8	122410.	16009.

Sample Name: CCV Acquired: 3/10/2010 16:31:21 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123700.**	**2554.**	**1236.**	**10400.**	**1010.**	**124100.**
Stddev	365.	6.	3.	15.	3.	378.
%RSD	.2951	.2354	.2456	.1439	.3160	.3046
#1	123600.	2561.	1233.	10410.	1007.	124100.
#2	123400.	2552.	1236.	10400.	1010.	123700.
#3	124100.	2550.	1239.	10380.	1013.	124400.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1275.**	**2584.**	**5099.**	**12510.**	**100900.**	**49170.**
Stddev	2.	3.	18.	37.	266.	147.
%RSD	.1367	.1257	.3461	.2992	.2635	.2988
#1	1276.	2581.	5079.	12480.	101200.	49280.
#2	1274.	2587.	5107.	12500.	100700.	49010.
#3	1273.	2584.	5111.	12550.	100700.	49240.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/10/2010 16:31:21 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**126500.**	**5088.**	**123700.**	**2580.**	**7646.**	**1020.**
Stddev	215.	25.	438.	2.	16.	4.
%RSD	.1700	.4842	.3542	.0702	.2038	.4365
#1	126400.	5116.	123900.	2577.	7661.	1025.
#2	126800.	5072.	123200.	2581.	7646.	1019.
#3	126400.	5075.	124000.	2580.	7630.	1016.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2549.**	**2573.**	**2493.**	**2562.**	**1029.**	**2488.**
Stddev	3.	1.	2.	6.	1.	3.
%RSD	.1109	.0305	.0768	.2429	.1276	.1039
#1	2551.	2574.	2491.	2568.	1030.	2491.
#2	2551.	2573.	2493.	2561.	1030.	2488.
#3	2546.	2572.	2495.	2556.	1028.	2486.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/10/2010 16:31:21 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1010.**	**5097.**	**10030.**
Stddev	1.	47.	30.
%RSD	.1271	.9180	.2951
#1	1010.	5127.	10060.
#2	1012.	5043.	10020.
#3	1009.	5120.	10010.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5893.9**	**120240.**	**15772.**
Stddev	17.1	223.	72.
%RSD	.29052	.18526	.45857
#1	5874.7	120490.	15798.
#2	5899.3	120060.	15828.
#3	5907.6	120180.	15690.

Sample Name: CCB Acquired: 3/10/2010 16:38:28 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.104**	**1.173**	**.0647**	**.9711**	**-.0308**	**-4.351**
Stddev	10.33	.612	.1691	.1336	.0131	11.74
%RSD	491.1	52.18	261.4	13.76	42.56	269.8
#1	-9.780	1.765	-.0491	.8262	-.0164	-17.04
#2	7.124	.5427	-.0158	.9976	-.0421	-2.137
#3	8.969	1.212	.2590	1.089	-.0338	6.121
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0610**	**.2552**	**.0860**	**.0761**	**1.960**	**124.8**
Stddev	.0339	.0324	.2047	.8781	4.458	31.9
%RSD	55.50	12.70	237.9	1154.	227.5	25.53
#1	.0632	.2578	.2609	-.7265	2.845	161.5
#2	.0261	.2863	-.1391	1.014	-2.875	107.6
#3	.0937	.2216	.1361	-.0593	5.909	105.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/10/2010 16:38:28 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.989**	**.2907**	**64.67**	**.1355**	**.8965**	**.2969**
Stddev	3.503	.0744	4.68	.1767	.4619	.5710
%RSD	176.1	25.60	7.238	130.4	51.52	192.3
#1	-1.424	.2240	66.03	.2092	.9727	.6663
#2	1.816	.2772	68.52	-.0661	1.316	-.3608
#3	5.576	.3709	59.46	.2635	.4013	.5852
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.732**	**2.100**	**-.1702**	**.2280**	**1.995**	**.9150**
Stddev	.851	.452	.1830	.0587	.246	.0952
%RSD	49.12	21.53	107.5	25.74	12.35	10.40
#1	-2.699	1.693	-.3683	.1627	2.258	1.025
#2	-1.397	2.019	-.1349	.2450	1.956	.8560
#3	-1.100	2.587	-.0074	.2763	1.770	.8641
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/10/2010 16:38:28 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.5026**	**.0641**	**.7997**
Stddev	.2830	.0674	.0384
%RSD	56.30	105.1	4.806
#1	.5570	-.0129	.8380
#2	.1964	.0933	.7612
#3	.7545	.1120	.7998
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6303.3**	**131020.**	**16014.**
Stddev	43.4	230.	78.
%RSD	.68878	.17552	.48645
#1	6334.4	130920.	16104.
#2	6321.9	131280.	15978.
#3	6253.7	130860.	15962.

Sample Name: 460-10889-d-19-b@3 Acquired: 3/10/2010 16:45:05 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**41.82**	**.1106**	**3.538**	**241.2**	**-.0136**	**30440.**
Stddev	10.32	1.205	.194	1.5	.0257	52.
%RSD	24.67	1090.	5.468	.6280	189.5	.1718
#1	44.88	.7248	3.318	240.4	-.0384	30470.
#2	30.31	-1.278	3.682	240.2	-.0151	30460.
#3	50.25	.8850	3.614	242.9	.0129	30380.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.5444**	**1.581**	**.3213**	**-4.360**	**88140.**	**1702.**
Stddev	.0445	.284	.1719	1.679	217.	3.
%RSD	8.180	17.94	53.50	38.52	.2463	.1924
#1	-.4987	1.908	.2002	-5.778	88250.	1703.
#2	-.5469	1.414	.2457	-2.505	87890.	1704.
#3	-.5877	1.421	.5180	-4.796	88290.	1698.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-19-b@3 Acquired: 3/10/2010 16:45:05 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**32850.**	**7857.**	**53250.**	**.8475**	**2.311**	**-.8342**
Stddev	137.	25.	102.	.1108	1.010	.9901
%RSD	.4172	.3193	.1915	13.08	43.71	118.7
#1	32830.	7869.	53310.	.7801	3.252	-1.977
#2	32720.	7874.	53320.	.7870	1.244	-.2705
#3	33000.	7828.	53130.	.9754	2.436	-.2547
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.5809**	**-5.431**	**1.096**	**7.841**	**8.769**	**-.0414**
Stddev	.5200	.419	.386	.082	.261	.2121
%RSD	89.52	7.719	35.26	1.046	2.972	512.1
#1	-1.032	-5.279	1.541	7.913	8.819	.1363
#2	-.0122	-5.905	.8948	7.752	9.001	.0157
#3	-.6983	-5.109	.8513	7.858	8.487	-.2763
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-19-b@3 Acquired: 3/10/2010 16:45:05 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.6529**	**315.1**	**2.745**
Stddev	.3714	.7	.085
%RSD	56.89	.2286	3.112
#1	1.082	315.2	2.803
#2	.4466	315.8	2.647
#3	.4303	314.4	2.786
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6273.4**	**128460.**	**16259.**
Stddev	29.5	183.	43.
%RSD	.46945	.14228	.26481
#1	6280.1	128500.	16211.
#2	6299.0	128630.	16271.
#3	6241.2	128270.	16295.

Sample Name: 460-10889-d-20-d Acquired: 3/10/2010 16:51:49 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**458.8**	**34.70**	**3.129**	**422.4**	**-.0005**	**73610.**
Stddev	10.1	1.07	.148	.7	.0309	97.
%RSD	2.202	3.082	4.716	.1651	5769.	.1322
#1	460.5	35.86	2.975	423.1	-.0170	73530.
#2	448.0	33.74	3.268	422.3	-.0197	73590.
#3	468.0	34.51	3.145	421.7	.0351	73720.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.7430**	**111.9**	**.3776**	**-.3738**	**97690.**	**4215.**
Stddev	.0538	.5	.2479	3.346	377.	14.
%RSD	7.247	.4485	65.65	895.2	.3855	.3264
#1	-.7421	111.8	.4760	-4.151	98010.	4199.
#2	-.6896	111.5	.0956	2.221	97270.	4219.
#3	-.7973	112.5	.5611	.8083	97790.	4225.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-20-d Acquired: 3/10/2010 16:51:49 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**61600.**	**869.1**	**107700.**	**2.986**	**3.541**	**-.6293**
Stddev	228.	1.8	156.	.080	.218	.3602
%RSD	.3700	.2029	.1452	2.661	6.145	57.24
#1	61740.	868.3	107600.	2.902	3.746	-.9021
#2	61330.	868.0	107700.	3.060	3.313	-.2210
#3	61710.	871.2	107900.	2.995	3.564	-.7649
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.5115**	**-2.622**	**2.733**	**6.094**	**162.9**	**-.2688**
Stddev	.7326	.480	.083	.043	.2	.0490
%RSD	143.2	18.30	3.032	.7061	.1159	18.23
#1	.3079	-2.986	2.695	6.128	162.8	-.2403
#2	-.7391	-2.078	2.828	6.046	162.7	-.3253
#3	-1.103	-2.803	2.676	6.108	163.1	-.2407
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-20-d Acquired: 3/10/2010 16:51:49 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.2330**	**607.7**	**12.77**
Stddev	.2770	1.0	.50
%RSD	118.9	.1582	3.910
#1	-.0577	607.1	13.34
#2	.4939	607.2	12.55
#3	.2628	608.8	12.41
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6099.3**	**124750.**	**16344.**
Stddev	22.7	756.	29.
%RSD	.37260	.60572	.17836
#1	6110.0	125560.	16354.
#2	6114.7	124640.	16366.
#3	6073.2	124060.	16311.

Sample Name: 460-10889-d-21-b Acquired: 3/10/2010 16:58:23 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8737.**	**24.28**	**1.646**	**199.8**	**.4372**	**27260.**
Stddev	7.	.04	.301	.7	.0343	41.
%RSD	.0788	.1519	18.31	.3686	7.846	.1499
#1	8736.	24.26	1.564	199.1	.4277	27230.
#2	8731.	24.26	1.393	200.5	.4086	27240.
#3	8745.	24.32	1.979	199.8	.4752	27310.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.4593**	**6.121**	**11.76**	**17.90**	**54520.**	**4339.**
Stddev	.0521	.092	.08	2.49	188.	21.
%RSD	11.35	1.496	.6694	13.91	.3449	.4754
#1	-.4628	6.163	11.70	18.97	54340.	4343.
#2	-.5095	6.185	11.85	15.05	54720.	4317.
#3	-.4055	6.016	11.73	19.67	54490.	4357.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-21-b Acquired: 3/10/2010 16:58:23 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18660.**	**561.3**	**79990.**	**6.522**	**9.339**	**-.6324**
Stddev	57.	.7	217.	.129	.357	.5433
%RSD	.3062	.1246	.2707	1.974	3.819	85.92
#1	18620.	560.5	79980.	6.436	9.234	-1.174
#2	18730.	561.8	79780.	6.460	9.047	-.6358
#3	18630.	561.5	80210.	6.670	9.736	-.0873
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0770**	**-.6159**	**17.11**	**19.71**	**587.3**	**.0366**
Stddev	.0269	.5240	.17	.03	2.2	.0809
%RSD	34.92	85.08	.9747	.1677	.3779	221.2
#1	-.0989	-.0409	16.95	19.68	584.8	.0265
#2	-.0470	-1.067	17.11	19.74	588.7	.1220
#3	-.0853	-.7403	17.28	19.72	588.5	-.0388
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10889-d-21-b Acquired: 3/10/2010 16:58:23 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.6354**	**292.3**	**181.5**
Stddev	.3575	.6	2.2
%RSD	56.26	.1887	1.224
#1	1.025	292.0	182.8
#2	.5591	291.9	182.8
#3	.3223	292.9	178.9
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6263.9**	**128590.**	**16177.**
Stddev	15.9	205.	84.
%RSD	.25394	.15956	.52151
#1	6273.8	128460.	16170.
#2	6245.5	128490.	16265.
#3	6272.3	128830.	16097.

Sample Name: 460-11034-f-1-a Acquired: 3/10/2010 17:04:57 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**432.1**	**5.865**	**.7742**	**547.3**	**-.0992**	**119300.**
Stddev	13.6	.396	.2171	1.0	.0125	121.
%RSD	3.138	6.745	28.04	.1916	12.62	.1011
#1	431.2	5.598	.5383	546.3	-.1125	119300.
#2	419.0	5.679	.8187	547.1	-.0877	119300.
#3	446.1	6.320	.9655	548.4	-.0973	119500.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.3331**	**.2902**	**3.243**	**4.441**	**40000.**	**11110.**
Stddev	.0143	.1665	.045	2.570	80.	31.
%RSD	4.281	57.39	1.384	57.88	.2001	.2824
#1	-.3490	.3303	3.246	2.378	39910.	11130.
#2	-.3216	.4329	3.197	7.320	40020.	11120.
#3	-.3285	.1072	3.286	3.624	40070.	11070.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11034-f-1-a Acquired: 3/10/2010 17:04:57 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19600.**	**627.0**	F **373000.**	**1.804**	**3.873**	**.3654**
Stddev	40.	1.1	2083.	.117	.146	.5853
%RSD	.2060	.1716	.5584	6.457	3.759	160.2
#1	19570.	627.6	372600.	1.741	3.943	.4020
#2	19590.	625.8	371100.	1.939	3.971	.9316
#3	19640.	627.7	375200.	1.733	3.706	-.2373
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.228**	**-1.642**	**1.419**	**60.01**	**330.5**	**.6665**
Stddev	.986	.436	.186	.27	1.6	.1120
%RSD	44.23	26.55	13.11	.4568	.4884	16.81
#1	-1.136	-2.127	1.404	59.74	329.1	.7871
#2	-3.051	-1.284	1.613	60.00	330.2	.5657
#3	-2.498	-1.515	1.241	60.29	332.3	.6466
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11034-f-1-a Acquired: 3/10/2010 17:04:57 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.5951**	**751.7**	**4.224**
Stddev	.5173	.3	.823
%RSD	86.93	.0364	19.49
#1	1.175	751.4	3.562
#2	.1810	751.8	5.146
#3	.4293	751.9	3.964
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5950.8**	**119850.**	**15848.**
Stddev	10.3	158.	61.
%RSD	.17232	.13143	.38249
#1	5962.4	119930.	15895.
#2	5946.7	119960.	15869.
#3	5943.1	119670.	15780.

Sample Name: 460-11034-c-2-a Acquired: 3/10/2010 17:11:40 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1802.**	**1.634**	**-.4287**	**38.72**	**-.0662**	**20900.**
Stddev	11.	.632	.1711	.14	.0147	32.
%RSD	.6129	38.65	39.91	.3554	22.24	.1551
#1	1810.	.9074	-.5922	38.87	-.0732	20860.
#2	1807.	1.946	-.4430	38.68	-.0762	20920.
#3	1790.	2.050	-.2509	38.60	-.0493	20910.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0423**	**-.2929**	**.1051**	**-.8431**	**1144.**	**12230.**
Stddev	.0311	.0317	.0930	4.090	5.	43.
%RSD	73.67	10.84	88.53	485.1	.4270	.3554
#1	-.0516	-.3288	.2038	-1.700	1147.	12260.
#2	-.0677	-.2814	.0190	-4.437	1138.	12180.
#3	-.0075	-.2684	.0925	3.607	1145.	12240.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11034-c-2-a Acquired: 3/10/2010 17:11:40 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19940.**	**135.1**	F **538400.**	**.8777**	**.9779**	**-.1421**
Stddev	69.	.4	6339.	.1931	.3368	.7320
%RSD	.3447	.3173	1.177	22.01	34.44	515.3
#1	20010.	134.8	539100.	.7456	1.145	-.9766
#2	19890.	134.9	544300.	.7881	.5902	.3915
#3	19900.	135.6	531700.	1.099	1.199	.1589
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.3245**	**.0468**	**.0518**	**6.342**	**324.1**	**.6026**
Stddev	.3179	.8264	.2882	.076	.6	.1008
%RSD	97.97	1767.	556.2	1.194	.1735	16.73
#1	-.6143	.7083	.1968	6.256	323.8	.7117
#2	.0155	.3116	.2387	6.375	324.8	.5130
#3	-.3747	-.8796	-.2801	6.396	323.8	.5830
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11034-c-2-a Acquired: 3/10/2010 17:11:40 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.0939**	**94.06**	**.5695**
Stddev	.2509	.07	.0374
%RSD	267.3	.0788	6.565
#1	-.3704	93.99	.5490
#2	.1193	94.07	.6127
#3	-.0305	94.13	.5469
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5895.3**	**117630.**	**15700.**
Stddev	7.0	417.	30.
%RSD	.11879	.35447	.19196
#1	5887.9	117970.	15689.
#2	5901.8	117740.	15678.
#3	5896.3	117160.	15735.

Sample Name: 460-11034-g-3-a Acquired: 3/10/2010 17:18:23 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1294.**	**2.172**	**-.6451**	**4.121**	**-.0992**	**4085.**
Stddev	17.	.177	.0672	.082	.0458	12.
%RSD	1.317	8.151	10.41	1.978	46.15	.2981
#1	1279.	2.093	-.5704	4.165	-.0604	4079.
#2	1290.	2.374	-.6641	4.170	-.0875	4076.
#3	1313.	2.048	-.7006	4.026	-.1496	4099.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0299**	**-.3062**	**.0357**	**36.37**	**122.7**	**11870.**
Stddev	.0268	.0987	.1440	1.39	4.9	41.
%RSD	89.69	32.23	403.5	3.826	3.989	.3414
#1	-.0260	-.2220	.2019	35.79	128.0	11870.
#2	-.0052	-.2818	-.0521	35.37	118.4	11830.
#3	-.0584	-.4148	-.0427	37.96	121.5	11910.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11034-g-3-a Acquired: 3/10/2010 17:18:23 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19370.**	**26.37**	F **531700.**	**.6499**	**4.272**	**.7110**
Stddev	78.	.03	4696.	.0934	.344	.3903
%RSD	.4021	.1087	.8833	14.37	8.063	54.90
#1	19430.	26.35	526300.	.7249	4.534	1.145
#2	19400.	26.40	535100.	.6794	3.882	.5991
#3	19280.	26.35	533500.	.5453	4.401	.3888
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.7402**	**.0682**	**-.0793**	**38.66**	**316.9**	**.6443**
Stddev	.6263	.1466	.3384	.27	1.6	.1104
%RSD	84.61	215.0	426.9	.6901	.5114	17.13
#1	-.0319	-.0500	-.0465	38.54	316.9	.6270
#2	-1.221	.0224	.2416	38.97	318.6	.7623
#3	-.9680	.2322	-.4328	38.48	315.3	.5436
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11034-g-3-a Acquired: 3/10/2010 17:18:23 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**15.32**	**17.20**	**.0563**
Stddev	.19	.08	.0483
%RSD	1.235	.4657	85.82
#1	15.47	17.15	.0006
#2	15.38	17.29	.0860
#3	15.11	17.15	.0823
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5939.8**	**119200.**	**15755.**
Stddev	27.2	145.	55.
%RSD	.45726	.12166	.34655
#1	5922.9	119320.	15760.
#2	5925.3	119250.	15807.
#3	5971.1	119040.	15698.

Sample Name: 460-11034-b-6-a Acquired: 3/10/2010 17:25:06 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**816.5**	**1.354**	**-.3887**	**5.411**	**-.0719**	**5885.**
Stddev	7.3	.382	.0734	.068	.0312	13.
%RSD	.8962	28.22	18.89	1.263	43.42	.2194
#1	809.7	.9828	-.3554	5.335	-.0359	5870.
#2	815.6	1.746	-.3378	5.430	-.0907	5895.
#3	824.2	1.333	-.4729	5.468	-.0891	5890.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0143**	**-.2546**	**1.103**	**-1.010**	**96.79**	**11650.**
Stddev	.0317	.0385	.115	3.994	5.29	28.
%RSD	221.1	15.14	10.39	395.5	5.464	.2425
#1	.0050	-.2275	1.233	1.380	100.1	11640.
#2	.0029	-.2987	1.017	-5.620	90.69	11620.
#3	-.0509	-.2376	1.059	1.211	99.61	11680.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11034-b-6-a Acquired: 3/10/2010 17:25:06 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18570.**	**25.90**	F **532300.**	**2.810**	**.8586**	**.0334**
Stddev	75.	.29	2169.	.139	.1451	1.119
%RSD	.4015	1.108	.4075	4.935	16.91	3354.
#1	18490.	25.74	530500.	2.896	.9840	-1.252
#2	18570.	25.72	534700.	2.884	.8922	.7897
#3	18640.	26.23	531700.	2.650	.6996	.5626
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.063**	**.0102**	**.1973**	**5.275**	**320.9**	**1.217**
Stddev	1.766	.1197	.1775	.142	.4	.037
%RSD	166.1	1169.	89.96	2.692	.1137	3.051
#1	.9041	-.1198	.0404	5.140	320.6	1.222
#2	-2.513	.0347	.1615	5.263	321.3	1.178
#3	-1.581	.1158	.3900	5.423	320.7	1.252
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11034-b-6-a Acquired: 3/10/2010 17:25:06 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**9.151**	**23.07**	**.2442**
Stddev	.226	.07	.0809
%RSD	2.471	.2834	33.15
#1	8.920	23.01	.2739
#2	9.160	23.06	.3061
#3	9.372	23.14	.1526
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5879.6**	**116660.**	**15670.**
Stddev	15.0	654.	69.
%RSD	.25472	.56098	.44104
#1	5895.4	116980.	15749.
#2	5865.7	117090.	15630.
#3	5877.8	115900.	15629.

Sample Name: 460-11034-b-7-a Acquired: 3/10/2010 17:31:49 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2128.**	**2.213**	**-.2744**	**4.146**	**-.0693**	**4148.**
Stddev	2.	.888	.1718	.028	.0452	5.
%RSD	.1097	40.11	62.61	.6679	65.24	.1160
#1	2130.	1.189	-.4548	4.135	-.0863	4143.
#2	2129.	2.690	-.2556	4.177	-.0180	4148.
#3	2125.	2.760	-.1128	4.124	-.1035	4152.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0291**	**-.3457**	**.6583**	**-.2072**	**194.3**	**11890.**
Stddev	.0340	.1397	.3148	1.982	1.5	23.
%RSD	116.8	40.42	47.82	956.2	.7485	.1962
#1	.0098	-.2595	.3648	-2.468	195.7	11870.
#2	-.0445	-.2707	.6193	1.226	192.8	11890.
#3	-.0527	-.5070	.9908	.6207	194.2	11920.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11034-b-7-a Acquired: 3/10/2010 17:31:49 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19350.**	**28.87**	F **533400.**	**1.062**	**1.204**	**.1437**
Stddev	71.	.07	1138.	.160	.476	1.148
%RSD	.3677	.2517	.2133	15.03	39.58	799.0
#1	19430.	28.80	533400.	.8780	1.544	1.453
#2	19340.	28.87	534600.	1.156	.6592	-.3308
#3	19290.	28.95	532300.	1.154	1.409	-.6913
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.399**	**.4207**	**-.1078**	**13.08**	**316.7**	**.8551**
Stddev	.576	.1527	.0905	.14	.3	.1099
%RSD	41.16	36.30	83.99	1.037	.1022	12.86
#1	-1.656	.5071	-.0041	13.13	316.3	.8237
#2	-.7394	.5106	-.1478	13.18	316.8	.7642
#3	-1.802	.2443	-.1713	12.92	316.9	.9772
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11034-b-7-a Acquired: 3/10/2010 17:31:49 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**20.16**	**17.98**	**.1534**
Stddev	.14	.17	.1004
%RSD	.6876	.9710	65.47
#1	20.01	17.78	.1400
#2	20.19	18.06	.2598
#3	20.28	18.11	.0603
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5939.0**	**118250.**	**15595.**
Stddev	21.2	384.	34.
%RSD	.35667	.32435	.21717
#1	5922.7	118610.	15634.
#2	5931.5	117850.	15580.
#3	5963.0	118270.	15571.

Sample Name: mb 460-31670/1-a Acquired: 3/10/2010 17:38:32 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11.30**	**.9320**	**-.2895**	**-.1502**	**-.0497**	**-.2752**
Stddev	4.95	.7329	.1615	.0493	.0064	3.202
%RSD	43.81	78.64	55.80	32.84	12.81	1164.
#1	16.79	.6572	-.1030	-.1886	-.0570	-3.790
#2	9.909	.3762	-.3871	-.1675	-.0457	2.474
#3	7.188	1.763	-.3784	-.0946	-.0463	.4914
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0522**	**.0395**	**-.1748**	**1.295**	**2.470**	**132.0**
Stddev	.0637	.1099	.1420	2.760	3.340	23.8
%RSD	122.2	278.0	81.19	213.2	135.2	18.02
#1	.0167	-.0336	-.1025	1.972	-.3585	104.7
#2	-.0641	.1659	-.0836	3.652	6.155	142.7
#3	-.1090	-.0137	-.3384	-1.741	1.613	148.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-31670/1-a Acquired: 3/10/2010 17:38:32 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-5.572**	**-.0948**	**318.6**	**-.2548**	**-.2401**	**.5988**
Stddev	2.326	.0225	19.9	.1679	.4139	.7556
%RSD	41.74	23.73	6.234	65.92	172.4	126.2
#1	-3.340	-.0909	340.2	-.3150	.2094	-.2715
#2	-7.982	-.1190	314.4	-.0650	-.3243	1.087
#3	-5.394	-.0745	301.2	-.3843	-.6055	.9810
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.9278**	**-.7425**	**-.2889**	**1.982**	**1.946**	**-.0442**
Stddev	.8730	.4185	.2779	.031	.045	.0535
%RSD	94.09	56.36	96.17	1.562	2.294	121.1
#1	-1.260	-1.210	-.5618	2.008	1.898	-.1058
#2	-1.586	-.4015	-.0063	1.990	1.952	-.0178
#3	.0626	-.6166	-.2987	1.948	1.987	-.0090
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-31670/1-a Acquired: 3/10/2010 17:38:32 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.2463**	**-.0774**	**-.1306**
Stddev	.2903	.0362	.0089
%RSD	117.9	46.74	6.786
#1	-.2081	-.0921	-.1408
#2	-.5537	-.0362	-.1244
#3	.0231	-.1040	-.1266
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6384.6**	**132780.**	**16237.**
Stddev	42.4	364.	66.
%RSD	.66397	.27384	.40456
#1	6412.0	133170.	16270.
#2	6406.1	132700.	16279.
#3	6335.8	132460.	16161.

Sample Name: lcs 460-31670/2-a Acquired: 3/10/2010 17:45:07 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**6.760**	**4848.**	**479.5**	**10860.**	**1007.**	**-6.211**
Stddev	10.32	12.	.5	31.	2.	12.37
%RSD	152.7	.2520	.1056	.2808	.2313	199.1
#1	-.6764	4842.	480.0	10860.	1009.	-4.534
#2	2.414	4862.	479.1	10900.	1005.	5.234
#3	18.54	4840.	479.3	10840.	1007.	-19.33
Check ?	None	Chk Pass	None	None	None	None
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1061.**	**2.766**	**5204.**	**1060.**	**1105.**	**100.4**
Stddev	3.	.103	13.	2.	6.	8.6
%RSD	.2646	3.725	.2461	.2014	.5621	8.522
#1	1061.	2.884	5213.	1058.	1100.	95.90
#2	1064.	2.719	5209.	1059.	1112.	95.05
#3	1058.	2.695	5189.	1062.	1103.	110.3
Check ?	None	None	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: lcs 460-31670/2-a Acquired: 3/10/2010 17:45:07 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-5.132**	**1065.**	**139.9**	**1099.**	**5569.**	**1007.**
Stddev	.818	2.	4.9	3.	14.	3.
%RSD	15.94	.1935	3.500	.2746	.2546	.3272
#1	-5.011	1066.	141.6	1096.	5565.	1007.
#2	-6.004	1065.	143.7	1102.	5584.	1010.
#3	-4.381	1062.	134.4	1098.	5557.	1003.
Check ?	None	None	None	Chk Pass	Chk Pass	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**982.0**	**1166.**	**985.1**	**1052.**	**.6726**	**.1656**
Stddev	2.2	5.	1.9	3.	.1970	.0668
%RSD	.2267	.3950	.1929	.2475	29.29	40.35
#1	982.6	1164.	986.6	1051.	.4454	.2341
#2	983.8	1171.	985.6	1055.	.7775	.1006
#3	979.5	1162.	982.9	1050.	.7950	.1621
Check ?	Chk Pass	None	None	Chk Pass	None	None
Value						
Range						

Sample Name: lcs 460-31670/2-a Acquired: 3/10/2010 17:45:07 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3681**	**-.0420**	**.0758**
Stddev	.1201	.0803	.0445
%RSD	32.63	191.3	58.75
#1	.5051	-.0357	.1220
#2	.2808	-.1253	.0332
#3	.3184	.0350	.0722
Check ?	None	None	None
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6258.1**	**132280.**	**16104.**
Stddev	9.7	332.	35.
%RSD	.15473	.25101	.21501
#1	6267.1	131900.	16077.
#2	6247.9	132460.	16143.
#3	6259.2	132490.	16091.

Sample Name: CCV Acquired: 3/10/2010 17:51:40 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**122200.**	**2527.**	**1214.**	**10290.**	**993.6**	**122900.**
Stddev	307.	13.	4.	48.	1.5	353.
%RSD	.2514	.4995	.3508	.4697	.1512	.2874
#1	122600.	2513.	1209.	10250.	994.7	123300.
#2	122000.	2529.	1214.	10300.	991.9	122800.
#3	122100.	2538.	1217.	10340.	994.3	122600.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1263.**	**2560.**	**5018.**	**12330.**	**99700.**	**48840.**
Stddev	6.	20.	20.	18.	91.	143.
%RSD	.5142	.7653	.3956	.1472	.0911	.2929
#1	1256.	2541.	5002.	12350.	99780.	48990.
#2	1262.	2558.	5012.	12310.	99710.	48810.
#3	1269.	2581.	5041.	12340.	99600.	48710.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/10/2010 17:51:40 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**125000.**	**5061.**	**122900.**	**2554.**	**7591.**	**1009.**
Stddev	495.	50.	375.	18.	31.	5.
%RSD	.3954	.9827	.3053	.6886	.4035	.5049
#1	124600.	5091.	123300.	2537.	7563.	1004.
#2	125000.	5003.	122700.	2553.	7588.	1009.
#3	125600.	5088.	122700.	2572.	7624.	1014.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2521.**	**2554.**	**2450.**	**2542.**	**1020.**	**2466.**
Stddev	12.	8.	9.	12.	4.	12.
%RSD	.4744	.2987	.3578	.4692	.3843	.4900
#1	2509.	2547.	2442.	2531.	1017.	2454.
#2	2522.	2553.	2448.	2540.	1020.	2467.
#3	2532.	2562.	2459.	2554.	1024.	2478.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/10/2010 17:51:40 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1003.**	**5039.**	**9917.**
Stddev	7.	42.	61.
%RSD	.6786	.8343	.6150
#1	996.3	5022.	9983.
#2	1002.	5087.	9905.
#3	1010.	5008.	9862.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5911.5**	**121280.**	**15735.**
Stddev	11.8	775.	15.
%RSD	.19999	.63902	.09244
#1	5920.5	121890.	15751.
#2	5916.0	121530.	15731.
#3	5898.1	120410.	15723.

Sample Name: CCB Acquired: 3/10/2010 17:58:47 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**9.555**	**2.947**	**.1120**	**3.209**	**-.0343**	**-7.849**
Stddev	4.722	.693	.1192	.197	.0386	4.614
%RSD	49.42	23.53	106.5	6.150	112.5	58.79
#1	9.849	3.311	.0567	3.049	-.0783	-12.16
#2	4.693	3.383	.0304	3.429	-.0183	-2.984
#3	14.12	2.148	.2488	3.148	-.0063	-8.401
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3772**	**.8439**	**.4171**	**.6672**	**11.85**	**92.78**
Stddev	.0132	.0653	.2189	2.224	1.04	23.73
%RSD	3.497	7.743	52.47	333.4	8.773	25.58
#1	.3738	.8033	.1676	1.559	10.68	82.99
#2	.3661	.9193	.5071	-1.865	12.24	75.51
#3	.3918	.8091	.5766	2.307	12.64	119.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/10/2010 17:58:47 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11.03**	**.6493**	**98.63**	**.5814**	**1.870**	**1.032**
Stddev	5.67	.2232	11.04	.1533	.156	.843
%RSD	51.43	34.37	11.19	26.38	8.321	81.69
#1	6.294	.4846	107.1	.4941	1.736	1.048
#2	9.477	.5600	86.16	.4916	2.041	1.867
#3	17.31	.9032	102.6	.7584	1.833	.1812
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0918**	**2.254**	**.1880**	**.7473**	**2.405**	**1.314**
Stddev	.9049	.301	.0977	.1329	.300	.166
%RSD	986.0	13.36	51.94	17.78	12.47	12.61
#1	-.6174	2.029	.0936	.6703	2.597	1.435
#2	1.111	2.596	.1820	.9008	2.559	1.382
#3	-.2182	2.136	.2886	.6709	2.059	1.125
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/10/2010 17:58:47 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3026**	**.1276**	**1.472**
Stddev	.1310	.1521	.360
%RSD	43.30	119.2	24.45
#1	.1573	.0449	1.115
#2	.3388	.0347	1.466
#3	.4117	.3031	1.834
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6320.5**	**130090.**	**15873.**
Stddev	21.5	267.	129.
%RSD	.34080	.20529	.81574
#1	6298.3	130100.	16020.
#2	6321.9	130350.	15824.
#3	6341.3	129810.	15775.

Sample Name: 460-11018-a-1-g du@5 Acquired: 3/10/2010 18:05:23 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**125.5**	**3.029**	**.1027**	**454.2**	**-.0131**	**138100.**
Stddev	13.4	1.091	.0363	6.5	.0442	204.
%RSD	10.69	36.02	35.40	1.425	336.9	.1474
#1	140.8	1.921	.1184	458.6	-.0404	137900.
#2	115.9	3.065	.1285	457.2	-.0368	138400.
#3	119.7	4.102	.0611	446.8	.0379	138100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4969**	**.3197**	**1.175**	**-.6454**	**105.3**	**1828.**
Stddev	.0240	.0374	.274	2.212	2.7	24.
%RSD	4.820	11.71	23.28	342.7	2.576	1.317
#1	.5165	.3484	.9081	-1.985	105.4	1853.
#2	.4702	.3333	1.455	1.908	102.5	1825.
#3	.5041	.2774	1.162	-1.859	107.9	1805.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11018-a-1-g du@5 Acquired: 3/10/2010 18:05:23 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7870.**	**1918.**	F **305400.**	**2.456**	**1.439**	**1.049**
Stddev	81.	3.	2337.	.064	.671	.560
%RSD	1.030	.1321	.7650	2.601	46.66	53.36
#1	7912.	1917.	307900.	2.484	2.110	.7336
#2	7923.	1920.	305100.	2.502	1.439	1.695
#3	7777.	1916.	303300.	2.383	.7673	.7184
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.058**	**-.0049**	**.9732**	**6.655**	**30.93**	**.6135**
Stddev	.981	.9688	.2773	.183	.65	.1616
%RSD	92.67	19580.	28.49	2.743	2.099	26.34
#1	-.9704	1.098	.6547	6.820	31.52	.7893
#2	-.1243	-.3951	1.105	6.687	31.03	.5800
#3	-2.080	-.7178	1.160	6.459	30.24	.4713
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11018-a-1-g du@5 Acquired: 3/10/2010 18:05:23 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.0867**	**665.7**	**6.402**
Stddev	.1148	.9	.100
%RSD	132.4	.1415	1.559
#1	-.0272	664.7	6.475
#2	.2024	666.6	6.288
#3	.0848	665.7	6.444
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5989.6**	**120390.**	**15573.**
Stddev	83.9	421.	12.
%RSD	1.4000	.35001	.07918
#1	5925.9	120030.	15574.
#2	5958.3	120290.	15559.
#3	6084.6	120850.	15584.

Sample Name: 460-11018-a-1-f@5 Acquired: 3/10/2010 18:12:06 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**118.8**	**1.235**	**.1733**	**455.8**	**-.0796**	**132500.**
Stddev	11.5	.695	.1997	2.0	.0240	272.
%RSD	9.690	56.32	115.3	.4296	30.19	.2054
#1	124.4	1.673	.0666	457.9	-.0691	132200.
#2	105.6	.4329	.0495	455.4	-.1071	132600.
#3	126.5	1.598	.4037	454.1	-.0626	132700.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3939**	**.0895**	**.7324**	**1.396**	**93.71**	**1808.**
Stddev	.0358	.1727	.0729	3.071	4.61	44.
%RSD	9.091	192.9	9.954	220.0	4.917	2.452
#1	.4077	.0243	.8158	4.510	95.93	1785.
#2	.4208	.2853	.6809	1.309	96.79	1859.
#3	.3533	-.0411	.7004	-1.631	88.41	1780.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11018-a-1-f@5 Acquired: 3/10/2010 18:12:06 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7872.**	**1875.**	F **293800.**	**2.555**	**1.002**	**1.313**
Stddev	38.	3.	1135.	.090	.312	.174
%RSD	.4794	.1594	.3861	3.526	31.16	13.27
#1	7916.	1876.	295000.	2.633	1.007	1.504
#2	7853.	1878.	292800.	2.457	.6880	1.274
#3	7848.	1872.	293600.	2.574	1.313	1.162
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.417**	**-2.050**	**.5392**	**6.928**	**30.92**	**.6451**
Stddev	.599	.774	.0560	.539	.26	.0929
%RSD	42.24	37.76	10.39	7.783	.8383	14.40
#1	-2.006	-1.242	.5163	6.709	31.18	.6869
#2	-.8089	-2.121	.6030	7.542	30.66	.5387
#3	-1.437	-2.785	.4982	6.533	30.91	.7098
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11018-a-1-f@5 Acquired: 3/10/2010 18:12:06 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.0161**	**639.7**	**5.277**
Stddev	.2301	1.4	.343
%RSD	1432.	.2184	6.504
#1	.1310	638.3	5.328
#2	-.2489	639.7	4.912
#3	.1661	641.1	5.593
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5938.1**	**119480.**	**15779.**
Stddev	27.8	310.	34.
%RSD	.46789	.25924	.21561
#1	5907.6	119690.	15813.
#2	5961.9	119630.	15745.
#3	5944.7	119130.	15779.

Sample Name: sd 460-11018-a-1-f@2 Acquired: 3/10/2010 18:18:49 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**24.14**	**1.928**	**.0121**	**82.33**	**-.0359**	**23690.**
Stddev	2.70	.466	.3888	2.19	.0284	27.
%RSD	11.20	24.17	3221.	2.665	79.19	.1123
#1	21.02	1.741	-.4344	82.23	-.0039	23710.
#2	25.78	2.458	.1939	84.58	-.0581	23660.
#3	25.62	1.585	.2767	80.19	-.0457	23700.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0804**	**-.0217**	**.2397**	**-.1221**	**15.95**	**383.6**
Stddev	.0205	.0180	.0955	4.186	7.35	19.8
%RSD	25.44	82.83	39.86	3430.	46.05	5.159
#1	.0986	-.0011	.2302	4.562	12.34	405.8
#2	.0844	-.0341	.1492	-3.498	24.41	377.4
#3	.0582	-.0299	.3396	-1.430	11.11	367.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-11018-a-1-f@2 Acquired: 3/10/2010 18:18:49 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1444.**	**339.8**	**53670.**	**.3404**	**.0049**	**.1079**
Stddev	29.	.9	56.	.1898	.6774	.4010
%RSD	1.992	.2755	.1051	55.75	13700.	371.7
#1	1443.	338.8	53730.	.1692	-.7278	.4898
#2	1473.	340.7	53650.	.5445	.1342	.1437
#3	1415.	339.9	53630.	.3075	.6084	-.3098
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.518**	**-.0134**	**-.2218**	**1.236**	**5.945**	**.0132**
Stddev	1.311	.4850	.1639	.118	.295	.1202
%RSD	86.35	3611.	73.88	9.578	4.958	908.7
#1	-.8075	.4405	-.1341	1.365	5.843	.0411
#2	-3.031	.0437	-.4109	1.133	6.277	.1170
#3	-.7161	-.5245	-.1205	1.211	5.714	-.1184
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-11018-a-1-f@2 Acquired: 3/10/2010 18:18:49 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.0544**	**114.1**	**1.491**
Stddev	.1967	.1	.204
%RSD	361.2	.0560	13.66
#1	.2111	114.1	1.509
#2	-.1662	114.2	1.685
#3	.1185	114.1	1.279
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6204.7**	**126640.**	**15952.**
Stddev	118.6	272.	14.
%RSD	1.9108	.21490	.08609
#1	6208.1	126940.	15951.
#2	6084.5	126410.	15966.
#3	6321.5	126560.	15939.

Sample Name: 460-11018-a-1-h ms@5 Acquired: 3/10/2010 18:25:25 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**141.8**	**1029.**	**97.67**	**2594.**	**197.4**	**134700.**
Stddev	16.4	12.	.59	26.	.4	277.
%RSD	11.54	1.136	.6071	1.015	.2214	.2057
#1	129.7	1035.	97.00	2610.	197.2	134700.
#2	160.4	1037.	97.89	2608.	197.9	135000.
#3	135.4	1016.	98.12	2563.	197.2	134500.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**210.5**	**.5103**	**1031.**	**205.4**	**309.0**	**1790.**
Stddev	2.0	.0222	5.	4.6	5.4	30.
%RSD	.9602	4.356	.4834	2.217	1.732	1.682
#1	211.7	.5331	1026.	210.7	314.8	1786.
#2	211.7	.5090	1035.	202.3	304.3	1762.
#3	208.2	.4887	1033.	203.3	308.0	1821.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11018-a-1-h ms@5 Acquired: 3/10/2010 18:25:25 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7956.**	**2103.**	F **296000.**	**213.1**	**1052.**	**205.3**
Stddev	74.	8.	1079.	1.9	10.	2.2
%RSD	.9283	.3885	.3645	.8737	.9770	1.052
#1	8008.	2094.	294900.	214.1	1059.	206.7
#2	7988.	2110.	297000.	214.3	1055.	206.3
#3	7871.	2105.	296100.	211.0	1040.	202.8
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**206.4**	**209.3**	**203.1**	**219.8**	**30.18**	**.3615**
Stddev	3.2	2.6	1.3	2.4	.25	.1344
%RSD	1.552	1.266	.6180	1.084	.8149	37.19
#1	208.9	211.8	201.6	221.4	30.18	.4571
#2	207.6	209.6	203.9	220.8	30.43	.4196
#3	202.8	206.5	203.7	217.0	29.94	.2078
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-11018-a-1-h ms@5 Acquired: 3/10/2010 18:25:25 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.0306**	**649.8**	**6.096**
Stddev	.3067	1.5	1.396
%RSD	1001.	.2280	22.91
#1	.1052	649.7	7.683
#2	.1846	651.4	5.055
#3	-.3818	648.4	5.549
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5904.6**	**120630.**	**15829.**
Stddev	54.3	665.	38.
%RSD	.91976	.55150	.23804
#1	5868.4	121400.	15837.
#2	5878.3	120290.	15788.
#3	5967.0	120200.	15862.

Sample Name: 460-10554-a-1-d@5 Acquired: 3/10/2010 18:32:06 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**32.70**	**3.060**	**-.2521**	**158.5**	**-.0317**	**31610.**
Stddev	12.67	.296	.2329	.5	.0366	110.
%RSD	38.74	9.668	92.36	.3028	115.5	.3490
#1	38.13	2.763	-.3904	158.4	-.0712	31560.
#2	18.22	3.063	-.3827	158.9	-.0249	31540.
#3	41.76	3.354	.0167	158.0	.0011	31740.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0342**	**4.898**	**.3722**	**1.670**	**.9160**	**1155.**
Stddev	.0372	.124	.1125	1.725	1.172	60.
%RSD	108.6	2.526	30.21	103.3	128.0	5.168
#1	-.0098	5.040	.2429	3.662	.4611	1224.
#2	-.0159	4.815	.4470	.6822	.0395	1120.
#3	-.0770	4.838	.4268	.6664	2.247	1122.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10554-a-1-d@5 Acquired: 3/10/2010 18:32:06 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**9127.**	**805.5**	F **308500.**	**16.45**	**.3847**	**1.269**
Stddev	28.	1.5	951.	.09	.5560	.769
%RSD	.3100	.1814	.3083	.5371	144.5	60.60
#1	9128.	806.6	308600.	16.47	.8979	2.100
#2	9155.	803.8	309300.	16.53	-.2061	1.123
#3	9098.	806.0	307400.	16.36	.4623	.5830
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.8084**	**-.0648**	**.6457**	**8.669**	**96.61**	**.6094**
Stddev	.5467	.4331	.3016	.071	.05	.0446
%RSD	67.62	668.1	46.70	.8143	.0552	7.324
#1	-1.391	-.2918	.4581	8.588	96.66	.6141
#2	-.7268	.4345	.9936	8.698	96.56	.5627
#3	-.3072	-.3373	.4855	8.720	96.60	.6516
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10554-a-1-d@5 Acquired: 3/10/2010 18:32:06 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.0325**	**190.4**	**.6682**
Stddev	.1371	.3	.0537
%RSD	422.2	.1403	8.041
#1	-.0547	190.2	.6879
#2	.1144	190.4	.7094
#3	-.1571	190.7	.6075
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5989.2**	**120300.**	**15841.**
Stddev	12.2	312.	59.
%RSD	.20307	.25932	.37305
#1	6001.0	120400.	15874.
#2	5976.7	120550.	15877.
#3	5989.8	119950.	15773.

Sample Name: 220-11593-a-1-g@5 Acquired: 3/10/2010 18:38:49 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**866.1**	**2.660**	**.0004**	**44.87**	**.0337**	**3184.**
Stddev	5.1	.369	.1172	.30	.0229	16.
%RSD	.5903	13.87	33150.	.6700	68.03	.5034
#1	866.5	2.450	.0760	44.95	.0181	3166.
#2	871.0	3.086	-.1346	44.54	.0600	3196.
#3	860.8	2.443	.0596	45.13	.0229	3191.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1728**	**1.540**	**2.241**	**8.777**	**1036.**	**1553.**
Stddev	.0177	.076	.075	1.317	6.	46.
%RSD	10.22	4.938	3.338	15.01	.5509	2.948
#1	.1918	1.620	2.184	9.722	1040.	1542.
#2	.1699	1.532	2.325	9.338	1029.	1513.
#3	.1568	1.469	2.213	7.272	1038.	1603.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-11593-a-1-g@5 Acquired: 3/10/2010 18:38:49 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1162.**	**311.2**	F **280700.**	**19.82**	**2.454**	**-.4945**
Stddev	5.	.6	792.	.30	.106	.4144
%RSD	.4416	.1808	.2820	1.525	4.300	83.80
#1	1165.	310.8	281300.	19.74	2.376	-.9689
#2	1156.	310.9	279800.	19.58	2.574	-.2031
#3	1165.	311.8	281100.	20.16	2.411	-.3115
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.605**	**.6653**	**1.709**	**15.56**	**17.32**	**.0628**
Stddev	.550	.8289	.115	.13	.07	.0498
%RSD	34.27	124.6	6.728	.8424	.4050	79.30
#1	-1.611	.0593	1.593	15.66	17.37	.1016
#2	-2.151	.3267	1.712	15.41	17.35	.0066
#3	-1.052	1.610	1.823	15.61	17.24	.0802
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-11593-a-1-g@5 Acquired: 3/10/2010 18:38:49 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.1277**	**15.20**	**53.90**
Stddev	.2083	.14	1.72
%RSD	163.1	.9295	3.184
#1	-.1762	15.35	54.93
#2	.1005	15.18	51.92
#3	-.3074	15.07	54.85
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6115.0**	**122480.**	**15772.**
Stddev	28.9	330.	32.
%RSD	.47283	.26958	.20458
#1	6099.0	122820.	15806.
#2	6148.4	122470.	15742.
#3	6097.7	122160.	15767.

Sample Name: 220-11593-a-6-r@5 Acquired: 3/10/2010 18:45:33 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**252.0**	**1.329**	**-.2003**	**65.00**	**.0340**	**4189.**
Stddev	7.1	.415	.0920	.19	.0199	57.
%RSD	2.822	31.27	45.92	.2963	58.39	1.362
#1	252.8	1.745	-.2745	65.21	.0551	4222.
#2	244.5	.9143	-.2291	64.93	.0156	4221.
#3	258.7	1.327	-.0974	64.84	.0313	4123.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1593**	**8.224**	**2.357**	**3.731**	**318.8**	**1351.**
Stddev	.0167	.059	.137	2.769	5.6	13.
%RSD	10.46	.7193	5.823	74.21	1.765	.9591
#1	.1615	8.164	2.415	5.336	318.2	1361.
#2	.1417	8.282	2.456	5.324	313.5	1336.
#3	.1748	8.226	2.200	.5341	324.8	1354.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-11593-a-6-r@5 Acquired: 3/10/2010 18:45:33 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**634.8**	**623.1**	F **280800.**	**19.83**	**.2817**	**-.3211**
Stddev	1.1	5.0	3097.	.10	.3652	.1150
%RSD	.1779	.7989	1.103	.5245	129.7	35.82
#1	633.7	617.5	280700.	19.95	.6905	-.1888
#2	634.8	624.6	283900.	19.80	-.0124	-.3776
#3	636.0	627.1	277700.	19.75	.1669	-.3970
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.8608**	**-.3065**	**.4249**	**10.55**	**23.27**	**.0152**
Stddev	.3772	.7807	.1337	.03	.10	.0453
%RSD	43.82	254.7	31.47	.2394	.4396	298.8
#1	-1.054	-.0525	.5763	10.52	23.31	-.0116
#2	-1.102	.3156	.3227	10.57	23.16	.0674
#3	-.4262	-1.183	.3758	10.56	23.35	-.0103
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-11593-a-6-r@5 Acquired: 3/10/2010 18:45:33 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.1894**	**25.82**	**14.79**
Stddev	.1624	.27	.40
%RSD	85.77	1.029	2.722
#1	-.0670	25.93	14.61
#2	-.1275	26.01	15.26
#3	-.3736	25.51	14.52
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6101.7**	**121950.**	**15856.**
Stddev	10.6	917.	120.
%RSD	.17345	.75178	.75694
#1	6092.6	122850.	15832.
#2	6113.3	121990.	15750.
#3	6099.3	121010.	15986.

Sample Name: 220-11593-a-11-e@5 Acquired: 3/10/2010 18:52:17 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**452.2**	**1.835**	**-.2565**	**64.70**	**-.0131**	**10950.**
Stddev	8.0	.605	.2492	.26	.0674	52.
%RSD	1.778	32.94	97.15	.3950	514.6	.4792
#1	448.9	1.467	-.2661	64.59	-.0002	10940.
#2	446.4	2.533	-.5007	64.51	.0469	10910.
#3	461.4	1.506	-.0027	64.99	-.0860	11010.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1438**	**1.097**	**1.430**	**7.180**	**781.4**	**968.0**
Stddev	.0150	.151	.033	1.732	4.7	21.7
%RSD	10.43	13.79	2.335	24.13	.6051	2.242
#1	.1266	.9557	1.397	5.198	780.0	975.7
#2	.1505	1.257	1.430	7.935	786.6	984.8
#3	.1543	1.079	1.464	8.406	777.5	943.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-11593-a-11-e@5 Acquired: 3/10/2010 18:52:17 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3965.**	**350.4**	F **275200.**	**6.989**	**1.809**	**.4147**
Stddev	9.	1.0	951.	.126	.143	1.333
%RSD	.2228	.2959	.3456	1.798	7.905	321.4
#1	3972.	350.9	274300.	7.083	1.768	.4029
#2	3955.	349.2	276200.	7.038	1.691	1.753
#3	3967.	351.1	275000.	6.846	1.968	-.9120
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.216**	**.5174**	**1.101**	**15.65**	**18.58**	**-.1355**
Stddev	1.297	.4577	.131	.03	.45	.1535
%RSD	58.55	88.47	11.89	.1814	2.412	113.3
#1	-1.150	1.042	1.176	15.66	18.16	.0014
#2	-1.838	.2022	.9499	15.62	18.53	-.3014
#3	-3.661	.3076	1.177	15.67	19.05	-.1063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-11593-a-11-e@5 Acquired: 3/10/2010 18:52:17 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.1593**	**35.66**	**28.77**
Stddev	.1797	.17	.15
%RSD	112.8	.4863	.5086
#1	-.3436	35.67	28.73
#2	.0154	35.48	28.64
#3	-.1498	35.83	28.93
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6030.4**	**121570.**	**15780.**
Stddev	14.3	490.	11.
%RSD	.23647	.40322	.06823
#1	6037.7	121770.	15792.
#2	6039.5	121920.	15777.
#3	6013.9	121010.	15771.

Sample Name: 460-10950-a-1-e@5 Acquired: 3/10/2010 18:59:00 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**119.4**	**2.417**	**-.0117**	**233.9**	**-.0410**	**48730.**
Stddev	13.3	.616	.2632	1.5	.0195	33.
%RSD	11.11	25.49	2248.	.6343	47.50	.0673
#1	122.2	2.877	.2563	232.6	-.0593	48760.
#2	105.0	1.717	-.0217	233.7	-.0206	48740.
#3	131.0	2.656	-.2697	235.5	-.0430	48700.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.168**	**4.000**	**.6045**	**424.6**	**277.0**	**1503.**
Stddev	.056	.100	.0667	.7	7.7	39.
%RSD	1.349	2.500	11.03	.1644	2.795	2.611
#1	4.128	3.964	.6355	424.6	272.9	1464.
#2	4.144	4.113	.6500	423.9	272.2	1503.
#3	4.232	3.924	.5279	425.3	285.9	1542.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10950-a-1-e@5 Acquired: 3/10/2010 18:59:00 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18870.**	**465.7**	F **284100.**	**40.78**	**84.92**	**1.849**
Stddev	139.	1.2	918.	.41	.12	.613
%RSD	.7355	.2628	.3232	1.018	.1409	33.17
#1	18740.	466.9	284400.	40.38	84.79	2.510
#2	18860.	464.4	284900.	40.77	84.96	1.299
#3	19020.	465.9	283100.	41.21	85.02	1.739
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.247**	**-.2736**	**1.390**	**941.4**	**47.78**	**-.3845**
Stddev	.407	.6402	.171	5.5	.27	.1218
%RSD	18.11	234.0	12.31	.5826	.5677	31.68
#1	-2.484	.1402	1.210	936.9	47.96	-.5090
#2	-1.777	.0499	1.551	939.8	47.47	-.2657
#3	-2.480	-1.011	1.407	947.5	47.92	-.3787
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10950-a-1-e@5 Acquired: 3/10/2010 18:59:00 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.5343**	**76.31**	**7.297**
Stddev	.2492	.15	1.000
%RSD	46.65	.2027	13.71
#1	.8213	76.39	7.067
#2	.4092	76.41	6.431
#3	.3724	76.13	8.391
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6007.3**	**121500.**	**15868.**
Stddev	23.8	371.	9.
%RSD	.39569	.30549	.05448
#1	6027.4	121090.	15873.
#2	6013.6	121820.	15858.
#3	5981.1	121590.	15874.

Sample Name: 460-10950-b-2-I@5 Acquired: 3/10/2010 19:05:44 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**96.70**	**1.989**	**-.2302**	**130.1**	**-.1286**	**165400.**
Stddev	18.85	1.274	.2592	.2	.0205	279.
%RSD	19.49	64.03	112.6	.1643	15.96	.1684
#1	111.8	2.060	-.4673	130.3	-.1138	165000.
#2	102.7	.6811	.0466	129.8	-.1521	165500.
#3	75.57	3.225	-.2700	130.1	-.1201	165500.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2916**	**2.712**	**1.891**	**24.95**	**1474.**	**246.1**
Stddev	.0187	.086	.149	4.35	10.	26.7
%RSD	6.412	3.164	7.871	17.43	.6552	10.84
#1	.3012	2.686	1.864	28.95	1480.	272.2
#2	.2701	2.642	2.051	25.56	1479.	247.3
#3	.3036	2.807	1.757	20.32	1463.	218.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10950-b-2-I@5 Acquired: 3/10/2010 19:05:44 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**315.6**	**316.0**	F **295100.**	**26.33**	**11.06**	**1.032**
Stddev	2.2	.6	1094.	.04	.27	.368
%RSD	.7095	.1903	.3709	.1619	2.480	35.69
#1	315.8	316.4	295400.	26.38	11.30	1.434
#2	313.3	315.3	293900.	26.32	11.11	.7102
#3	317.7	316.2	296000.	26.30	10.76	.9527
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.811**	**-.5133**	**1.389**	**69.57**	**27.43**	**-.0606**
Stddev	.063	.2505	.180	.31	.18	.0613
%RSD	3.503	48.80	12.97	.4434	.6475	101.2
#1	-1.738	-.6542	1.575	69.92	27.60	-.1171
#2	-1.841	-.6616	1.216	69.34	27.45	.0046
#3	-1.854	-.2241	1.375	69.44	27.24	-.0692
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10950-b-2-I@5 Acquired: 3/10/2010 19:05:44 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3525**	**69.48**	**5.039**
Stddev	.3360	.24	.530
%RSD	95.33	.3486	10.52
#1	.1308	69.28	5.616
#2	.1875	69.40	4.929
#3	.7391	69.75	4.573
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5913.1**	**119340.**	**15731.**
Stddev	6.9	343.	26.
%RSD	.11728	.28770	.16596
#1	5916.0	119400.	15761.
#2	5918.2	119650.	15714.
#3	5905.2	118970.	15718.

Sample Name: CCV Acquired: 3/10/2010 19:12:28 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123000.**	**2501.**	**1222.**	**10210.**	**995.5**	**124200.**
Stddev	66.	22.	6.	100.	.8	166.
%RSD	.0539	.8884	.4882	.9795	.0806	.1334
#1	123000.	2511.	1216.	10260.	996.1	124000.
#2	123100.	2516.	1228.	10280.	995.8	124300.
#3	123000.	2475.	1221.	10090.	994.6	124200.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1251.**	**2526.**	**5000.**	**12370.**	**99430.**	**49230.**
Stddev	12.	18.	11.	9.	1120.	19.
%RSD	.9828	.7004	.2178	.0755	1.126	.0392
#1	1257.	2533.	4995.	12370.	99960.	49210.
#2	1259.	2540.	5012.	12380.	100200.	49250.
#3	1236.	2506.	4992.	12360.	98140.	49230.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/10/2010 19:12:28 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123400.**	**5066.**	**124000.**	**2522.**	**7527.**	**1002.**
Stddev	988.	23.	182.	18.	79.	13.
%RSD	.8004	.4563	.1471	.7114	1.044	1.289
#1	123700.	5066.	123800.	2527.	7573.	1009.
#2	124100.	5043.	124200.	2537.	7572.	1010.
#3	122300.	5090.	124000.	2502.	7437.	987.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2499.**	**2531.**	**2470.**	**2519.**	**1010.**	**2442.**
Stddev	25.	25.	8.	27.	11.	24.
%RSD	.9812	.9681	.3359	1.087	1.042	.9891
#1	2513.	2545.	2462.	2535.	1016.	2453.
#2	2513.	2546.	2478.	2535.	1017.	2458.
#3	2471.	2503.	2469.	2487.	998.3	2414.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/10/2010 19:12:28 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**990.8**	**5079.**	**9939.**
Stddev	9.5	17.	84.
%RSD	.9569	.3267	.8423
#1	993.6	5060.	9975.
#2	998.5	5090.	9999.
#3	980.2	5088.	9843.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5940.3**	**120970.**	**15642.**
Stddev	59.1	134.	18.
%RSD	.99411	.11105	.11589
#1	5899.3	121120.	15662.
#2	5913.6	120910.	15638.
#3	6007.9	120870.	15626.

Sample Name: CCB Acquired: 3/10/2010 19:19:35 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12.50**	**2.021**	**.4523**	**2.992**	**.1176**	**16.24**
Stddev	5.83	.764	.2356	.715	.0805	16.09
%RSD	46.66	37.80	52.09	23.90	68.46	99.04
#1	10.84	2.863	.1807	3.814	.0449	1.637
#2	7.677	1.825	.5737	2.654	.1038	13.60
#3	18.98	1.373	.6024	2.509	.2041	33.48
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3403**	**.7915**	**1.419**	**2.188**	**31.53**	**125.7**
Stddev	.1129	.1478	.211	1.781	2.77	63.5
%RSD	33.18	18.68	14.90	81.39	8.795	50.52
#1	.4578	.9616	1.257	4.226	29.01	55.48
#2	.3306	.7183	1.658	1.412	34.50	142.4
#3	.2326	.6945	1.341	.9268	31.08	179.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/10/2010 19:19:35 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**38.22**	**1.814**	**162.7**	**.6477**	**2.295**	**.8419**
Stddev	3.96	.133	16.3	.2539	.986	.3183
%RSD	10.36	7.355	10.02	39.20	42.95	37.81
#1	33.65	1.668	148.8	.9309	3.325	1.207
#2	40.44	1.930	158.7	.4403	2.198	.6921
#3	40.57	1.843	180.7	.5720	1.361	.6260
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2120**	**1.964**	**.7846**	**.7644**	**1.846**	**1.375**
Stddev	.8864	.920	.3322	.1560	.112	.389
%RSD	418.2	46.82	42.34	20.41	6.044	28.28
#1	-1.078	3.007	.4021	.9384	1.974	1.819
#2	-.2513	1.267	1.001	.6372	1.794	1.212
#3	.6935	1.619	.9507	.7175	1.770	1.094
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/10/2010 19:19:35 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.1888**	**.6787**	**3.710**
Stddev	.4234	.2483	.272
%RSD	224.3	36.58	7.331
#1	.1681	.4657	3.407
#2	-.0777	.6190	3.791
#3	-.6567	.9514	3.932
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6329.0**	**129730.**	**15879.**
Stddev	24.1	319.	36.
%RSD	.38104	.24602	.22826
#1	6331.5	129980.	15920.
#2	6351.8	129840.	15866.
#3	6303.7	129370.	15851.

Sample Name: 460-10969-a-1-b@5 Acquired: 3/10/2010 19:26:11 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**22.82**	**738.4**	**-.3719**	**13.49**	**-.0252**	**2550.**
Stddev	10.74	1.0	.3224	.23	.0474	13.
%RSD	47.07	.1387	86.70	1.700	188.1	.4924
#1	17.90	739.6	-.1292	13.64	-.0434	2543.
#2	35.14	737.6	-.7378	13.60	.0286	2542.
#3	15.42	738.0	-.2488	13.22	-.0607	2564.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.6162**	**.1085**	**.6509**	**91.36**	**42.03**	**375.1**
Stddev	.0278	.1325	.1426	1.46	1.66	17.7
%RSD	4.517	122.1	21.91	1.594	3.951	4.726
#1	.6091	.0754	.6558	89.69	40.11	355.4
#2	.6470	.2544	.5059	92.35	42.98	389.7
#3	.5927	-.0042	.7909	92.04	42.99	380.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10969-a-1-b@5 Acquired: 3/10/2010 19:26:11 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**220.5**	**8.194**	F **286200.**	**2.613**	**14.89**	**1.513**
Stddev	1.7	.032	3324.	.181	.59	.162
%RSD	.7495	.3884	1.161	6.923	3.974	10.70
#1	222.4	8.168	289500.	2.569	15.14	1.429
#2	219.5	8.229	282800.	2.812	15.30	1.411
#3	219.7	8.184	286300.	2.458	14.21	1.700
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.7547**	**1.207**	**.2831**	**143.2**	**26.80**	**2.258**
Stddev	1.867	.374	.1359	.6	.39	.063
%RSD	247.3	30.96	48.03	.4178	1.438	2.797
#1	-.8247	1.622	.2856	143.9	27.13	2.188
#2	1.146	1.099	.4177	142.8	26.89	2.309
#3	-2.585	.8982	.1458	142.9	26.38	2.279
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-10969-a-1-b@5 Acquired: 3/10/2010 19:26:11 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.2495**	**9.661**	**1.090**
Stddev	.2868	.211	.024
%RSD	115.0	2.182	2.185
#1	-.0440	9.437	1.107
#2	.2633	9.690	1.063
#3	.5290	9.856	1.100
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6122.8**	**123770.**	**16060.**
Stddev	14.8	80.	35.
%RSD	.24103	.06462	.22070
#1	6105.9	123690.	16021.
#2	6133.3	123840.	16090.
#3	6129.1	123770.	16069.

Sample Name: lb 460-31469/1-h@5 Acquired: 3/10/2010 19:32:54 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4.263**	**2.027**	**-.2647**	**3.931**	**-.0525**	**128.7**
Stddev	1.928	.530	.4980	.051	.0057	7.6
%RSD	45.22	26.15	188.1	1.284	10.81	5.888
#1	2.407	1.608	-.7046	3.946	-.0512	121.0
#2	4.126	2.623	.2760	3.972	-.0586	136.2
#3	6.255	1.851	-.3654	3.874	-.0475	128.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0405**	**-.3752**	**.1638**	**2.952**	**2.112**	**150.5**
Stddev	.0326	.0708	.1975	3.500	4.454	34.5
%RSD	80.63	18.88	120.6	118.6	210.9	22.94
#1	.0745	-.3894	.1271	6.139	5.302	165.4
#2	.0373	-.2984	-.0128	3.512	4.010	111.0
#3	.0095	-.4379	.3770	-.7937	-2.976	175.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-31469/1-h@5 Acquired: 3/10/2010 19:32:54 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**16.09**	**.1748**	F **302400.**	**1.442**	**.4706**	**-.1780**
Stddev	1.30	.0399	2934.	.182	.4775	.9867
%RSD	8.080	22.81	.9703	12.61	101.5	554.2
#1	15.21	.1494	302000.	1.237	.5407	-1.054
#2	15.48	.1542	305500.	1.582	.9092	.8910
#3	17.58	.2207	299700.	1.508	-.0381	-.3712
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.7075**	**.7420**	**.0854**	**10.05**	**12.06**	**.1605**
Stddev	1.112	.1969	.1256	.10	.05	.0760
%RSD	157.2	26.53	147.1	.9531	.4294	47.33
#1	.5736	.8759	.0352	9.970	12.04	.0920
#2	-1.276	.8342	-.0073	10.03	12.11	.1474
#3	-1.420	.5160	.2284	10.16	12.01	.2422
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-31469/1-h@5 Acquired: 3/10/2010 19:32:54 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.0650**	**.2794**	**.2467**
Stddev	.1473	.0663	.1691
%RSD	226.6	23.74	68.53
#1	-.2167	.2484	.0867
#2	-.0558	.3556	.2299
#3	.0774	.2342	.4236
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6069.6**	**121910.**	**15774.**
Stddev	21.3	33.	82.
%RSD	.35046	.02704	.51955
#1	6092.9	121900.	15774.
#2	6051.3	121950.	15692.
#3	6064.6	121890.	15856.

Sample Name: lb 460-31583/1-c@5 Acquired: 3/10/2010 19:39:39 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.6026**	**1.512**	**-.0295**	**3.184**	**-.0357**	**26.60**
Stddev	12.56	.397	.1027	.079	.0373	4.97
%RSD	2084.	26.25	347.8	2.485	104.6	18.67
#1	14.94	1.229	.0579	3.260	-.0099	23.05
#2	-8.415	1.966	-.0038	3.189	-.0186	24.46
#3	-4.720	1.341	-.1427	3.102	-.0784	32.27
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0352**	**-.3372**	**.0318**	**.4752**	**-.3196**	**161.3**
Stddev	.0384	.0327	.2441	3.304	.6777	61.7
%RSD	109.0	9.686	768.3	695.3	212.1	38.26
#1	-.0685	-.3455	-.1283	2.221	-.5255	203.8
#2	.0068	-.3011	.3127	2.540	.4372	90.50
#3	-.0440	-.3649	-.0891	-3.335	-.8704	189.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-31583/1-c@5 Acquired: 3/10/2010 19:39:39 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5.353**	**.1075**	F **297700.**	**1.296**	**.2651**	**-.7151**
Stddev	3.469	.0158	2135.	.222	.6975	.8956
%RSD	64.81	14.72	.7171	17.11	263.1	125.2
#1	7.618	.1135	298800.	1.382	-.4160	-.1349
#2	7.081	.1196	299000.	1.463	.2334	-.2638
#3	1.359	.0896	295200.	1.044	.9779	-1.747
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.088**	**.8777**	**.0188**	**5.129**	**5.529**	**.2355**
Stddev	.205	.5186	.0847	.111	.608	.1168
%RSD	18.89	59.08	450.9	2.155	11.00	49.58
#1	-1.004	.4734	.0014	5.101	6.161	.2190
#2	-.9374	1.462	-.0558	5.250	4.948	.3597
#3	-1.322	.6974	.1108	5.035	5.478	.1279
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-31583/1-c@5 Acquired: 3/10/2010 19:39:39 Type: Unk
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.2999**	**.1060**	**.0296**
Stddev	.3161	.0886	.0261
%RSD	105.4	83.56	88.12
#1	-.6603	.1453	.0129
#2	-.0698	.0046	.0596
#3	-.1695	.1683	.0163
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6024.7**	**120300.**	**15755.**
Stddev	16.5	231.	29.
%RSD	.27314	.19236	.18173
#1	6016.4	120350.	15780.
#2	6014.1	120500.	15724.
#3	6043.7	120050.	15761.

Sample Name: ICSA 371312 Acquired: 3/10/2010 19:46:23 Type: QC
Method: SW846O2102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**500900.**	**-3.453**	**2.434**	**1.220**	**-.1956**	**497500.**
Stddev	1441.	1.385	.355	.046	.0458	1671.
%RSD	.2877	40.12	14.60	3.790	23.43	.3358
#1	500900.	-4.793	2.192	1.190	-.2350	495800.
#2	499400.	-2.027	2.268	1.273	-.1453	497500.
#3	502300.	-3.539	2.842	1.197	-.2066	499100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.9707**	**2.459**	**-.7193**	**3.012**	**190600.**	**-40.59**
Stddev	.0538	.092	.2932	2.503	1362.	35.84
%RSD	5.544	3.749	40.77	83.10	.7145	88.30
#1	-.9159	2.563	-.7272	.9768	192000.	.4003
#2	-.9727	2.425	-1.008	2.252	190600.	-56.13
#3	-1.024	2.388	-.4222	5.806	189200.	-66.04
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/10/2010 19:46:23 Type: QC
Method: SW846O2102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**487600.**	**-4.232**	**385.4**	**1.241**	**-5.368**	**1.974**
Stddev	2579.	.084	12.3	.044	1.737	2.444
%RSD	.5290	1.974	3.191	3.541	32.36	123.8
#1	490300.	-4.165	371.9	1.192	-5.696	4.377
#2	487500.	-4.205	388.3	1.253	-6.918	-.5088
#3	485100.	-4.325	395.9	1.277	-3.491	2.054
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.724**	**-.3649**	**1.221**	**-1.031**	**3.472**	**-2.407**
Stddev	1.067	.9323	.265	.041	.392	.255
%RSD	61.87	255.5	21.68	3.973	11.28	10.59
#1	2.841	.2385	1.232	-1.016	3.313	-2.337
#2	1.616	.1055	1.481	-.9998	3.185	-2.194
#3	.7159	-1.439	.9515	-1.077	3.919	-2.689
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 371312 Acquired: 3/10/2010 19:46:23 Type: QC
Method: SW846O2102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.0953**	**-7.671**	**-2.663**
Stddev	.8931	.068	.056
%RSD	937.6	.8904	2.109
#1	-.2592	-7.622	-2.726
#2	-.5662	-7.641	-2.643
#3	1.111	-7.749	-2.620
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5818.9**	**113180.**	**15385.**
Stddev	27.4	191.	82.
%RSD	.47155	.16888	.53364
#1	5790.6	113200.	15464.
#2	5820.6	113370.	15391.
#3	5845.4	112990.	15300.

Sample Name: ICSAB 371336 Acquired: 3/10/2010 19:53:20 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**501800.**	**96.81**	**106.2**	**102.9**	**98.58**	**490100.**
Stddev	3842.	.62	.1	.8	.37	1865.
%RSD	.7656	.6355	.1167	.7703	.3793	.3805
#1	497500.	96.10	106.1	103.5	98.20	490400.
#2	504900.	97.23	106.3	103.1	98.57	491800.
#3	503100.	97.11	106.3	102.0	98.95	488100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**95.06**	**98.09**	**100.7**	**99.72**	**191800.**	**10070.**
Stddev	.81	.57	.6	1.59	658.	17.
%RSD	.8515	.5807	.6081	1.596	.3431	.1677
#1	95.77	98.30	101.4	99.55	192100.	10070.
#2	95.23	98.51	100.6	98.22	192200.	10050.
#3	94.18	97.44	100.2	101.4	191000.	10090.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/10/2010 19:53:20 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**494900.**	**95.28**	**10540.**	**96.24**	**90.69**	**97.86**
Stddev	1915.	.05	30.	.55	.53	1.25
%RSD	.3870	.0501	.2805	.5690	.5837	1.279
#1	496500.	95.30	10540.	96.41	91.29	99.21
#2	495400.	95.32	10520.	96.68	90.48	97.65
#3	492800.	95.23	10580.	95.63	90.29	96.73
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**99.66**	**96.07**	**101.2**	**97.31**	**102.1**	**94.47**
Stddev	2.72	.61	.4	.83	.8	.14
%RSD	2.727	.6332	.4236	.8535	.7509	.1437
#1	102.2	95.73	100.7	98.19	103.0	94.63
#2	100.0	95.71	101.5	97.19	101.7	94.42
#3	96.79	96.77	101.3	96.54	101.6	94.37
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 371336 Acquired: 3/10/2010 19:53:20 Type: QC
Method: SW846O2102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**98.25**	**91.64**	**96.90**
Stddev	.96	.10	.33
%RSD	.9738	.1119	.3395
#1	98.38	91.68	96.69
#2	99.13	91.53	97.28
#3	97.23	91.72	96.74
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5760.1**	**112750.**	**15544.**
Stddev	13.4	122.	117.
%RSD	.23314	.10788	.75212
#1	5756.4	112620.	15676.
#2	5748.9	112860.	15502.
#3	5775.0	112760.	15454.

Sample Name: CCV Acquired: 3/10/2010 20:00:17 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**122900.**	**2513.**	**1233.**	**10260.**	**993.5**	**123700.**
Stddev	141.	8.	2.	24.	1.0	182.
%RSD	.1147	.3196	.1597	.2328	.1012	.1473
#1	122900.	2511.	1232.	10270.	992.4	123500.
#2	122900.	2507.	1233.	10240.	993.8	123600.
#3	123100.	2522.	1235.	10280.	994.3	123900.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1256.**	**2550.**	**5032.**	**12360.**	**100300.**	**49030.**
Stddev	3.	15.	3.	12.	295.	55.
%RSD	.2632	.6071	.0681	.0942	.2937	.1126
#1	1256.	2541.	5035.	12350.	100600.	49090.
#2	1252.	2542.	5033.	12360.	100100.	48980.
#3	1259.	2568.	5028.	12370.	100300.	49000.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/10/2010 20:00:17 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**124900.**	**5086.**	**123700.**	**2539.**	**7571.**	**1006.**
Stddev	487.	19.	167.	11.	20.	3.
%RSD	.3899	.3648	.1352	.4308	.2701	.3314
#1	125100.	5107.	123700.	2532.	7578.	1006.
#2	124300.	5072.	123600.	2534.	7548.	1003.
#3	125100.	5079.	123900.	2552.	7587.	1009.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2506.**	**2544.**	**2485.**	**2535.**	**1019.**	**2459.**
Stddev	8.	5.	5.	9.	4.	7.
%RSD	.3231	.1812	.1912	.3393	.4052	.3018
#1	2504.	2543.	2480.	2534.	1020.	2458.
#2	2499.	2539.	2490.	2526.	1015.	2451.
#3	2515.	2548.	2486.	2544.	1023.	2466.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 3/10/2010 20:00:17 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**999.7**	**5062.**	**9991.**
Stddev	4.6	59.	18.
%RSD	.4566	1.164	.1758
#1	998.0	5055.	10010.
#2	996.2	5123.	9981.
#3	1005.	5006.	9982.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**5884.2**	**120150.**	**15643.**
Stddev	5.6	404.	28.
%RSD	.09454	.33658	.18050
#1	5878.1	120530.	15621.
#2	5889.0	119720.	15633.
#3	5885.4	120190.	15675.

Sample Name: CCB Acquired: 3/10/2010 20:07:25 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**29.11**	**.9601**	**.4940**	**2.979**	**.1466**	**32.15**
Stddev	6.68	.2637	.4189	.562	.0440	11.88
%RSD	22.95	27.47	84.80	18.87	30.01	36.94
#1	21.52	1.263	.2502	3.574	.1287	22.93
#2	31.67	.8373	.9776	2.909	.1143	27.97
#3	34.13	.7801	.2541	2.456	.1967	45.56
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.3435**	**.7673**	**1.380**	**3.820**	**40.98**	**159.0**
Stddev	.0868	.1312	.237	4.316	4.49	13.4
%RSD	25.27	17.10	17.16	113.0	10.96	8.417
#1	.4407	.8996	1.528	.5128	42.12	164.8
#2	.2735	.7650	1.504	2.245	44.79	143.6
#3	.3164	.6372	1.107	8.702	36.03	168.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/10/2010 20:07:25 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

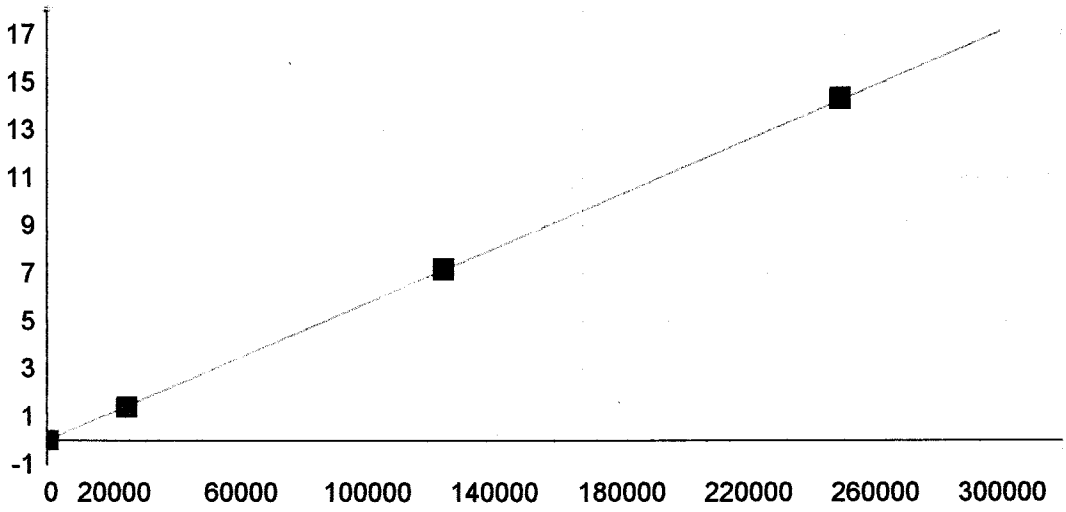
Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**60.78**	**1.853**	**131.3**	**.7962**	**1.851**	**1.060**
Stddev	4.57	.114	8.9	.0372	1.007	1.045
%RSD	7.517	6.152	6.803	4.674	54.41	98.55
#1	58.99	1.870	127.8	.8391	2.882	-.0812
#2	65.97	1.958	124.6	.7773	.8697	1.969
#3	57.38	1.731	141.4	.7723	1.801	1.292
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.6116**	**1.965**	**.8789**	**.7868**	**1.905**	**1.516**
Stddev	.7882	1.096	.4448	.0983	.491	.263
%RSD	128.9	55.77	50.61	12.49	25.79	17.34
#1	-.4390	3.222	.7540	.8886	2.459	1.740
#2	-1.472	1.212	1.373	.6925	1.732	1.581
#3	.0759	1.460	.5099	.7793	1.523	1.227
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 3/10/2010 20:07:25 Type: QC
Method: SW84602102010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.0321**	**1.023**	**3.823**
Stddev	.1999	.205	.248
%RSD	622.2	20.00	6.499
#1	.2414	.8787	3.861
#2	.0118	.9332	4.050
#3	-.1568	1.257	3.558
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**6329.0**	**130440.**	**15894.**
Stddev	5.6	575.	29.
%RSD	.08782	.44098	.18470
#1	6329.6	131000.	15905.
#2	6323.2	129850.	15916.
#3	6334.3	130490.	15861.

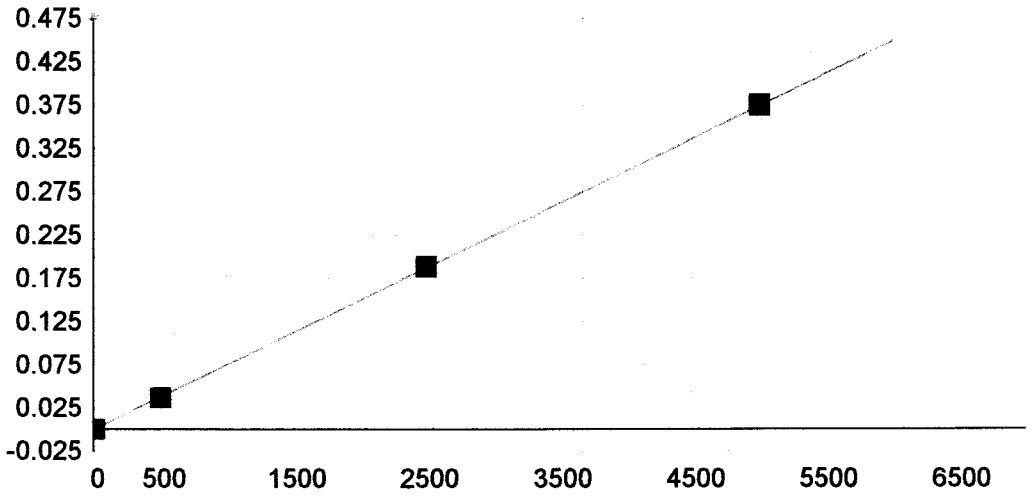


Al 396.152 { 85}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000984	Re-Slope:	1.000000
A1 (Gain):	0.000057	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000127		
Predicted MDL:	9.800199		
Predicted MQL:	32.667330		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01978	-.020	.000	-.00099	.001	1
DCAL1	200.00	223.61	23.6	11.8	.01177	.001	1
DCAL2	25000.	24479.	-521.	-2.08	1.3947	.004	1
DCAL3	125000.	124930.	-75.0	-.060	7.1217	.059	1
DCAL4	250000.	250570.	573.	.229	14.286	.063	1

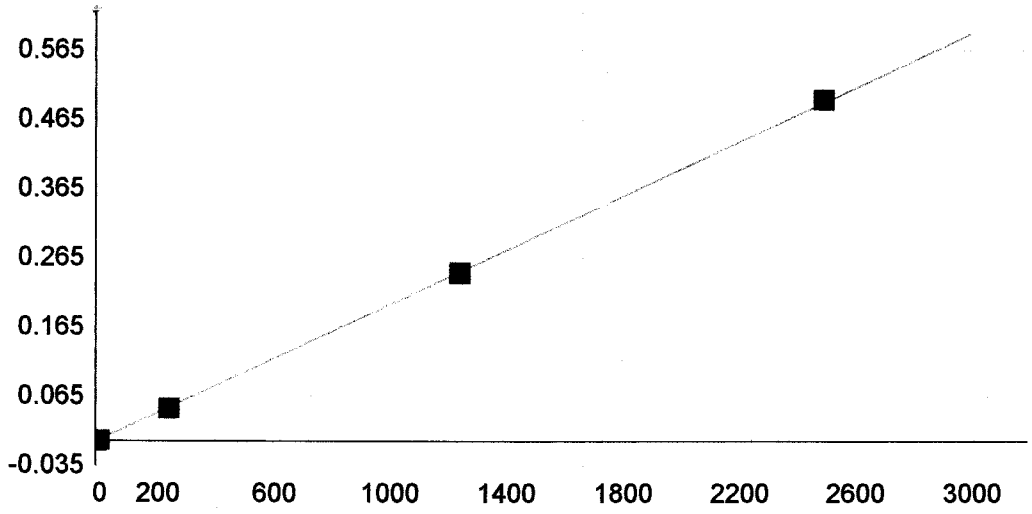


As 189.042 {478}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000144	Re-Slope:	1.000000
A1 (Gain):	0.000075	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999943	Status:	OK.
Std Error of Est:	0.000006		
Predicted MDL:	1.030120		
Predicted MQL:	3.433732		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00062	-.001	.000	-.00014	.000	1
DCAL1	5.0000	5.7654	.765	15.3	.00028	.000	1
DCAL2	500.00	481.73	-18.3	-3.65	.03539	.000	1
DCAL3	2500.0	2516.2	16.2	.647	.18554	.001	1
DCAL4	5000.0	5001.3	1.34	.027	.36891	.002	1

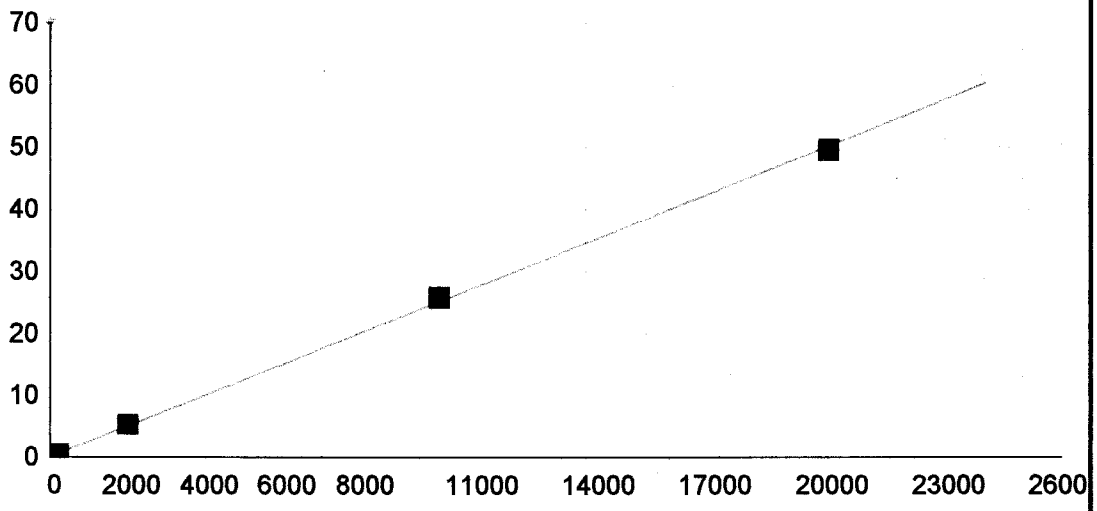


Ag 328.068 {103}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001153	Re-Slope:	1.000000
A1 (Gain):	0.000196	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999917	Status:	OK.
Std Error of Est:	0.000020		
Predicted MDL:	0.377466		
Predicted MQL:	1.258219		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00026	.000	.000	-.00115	.000	1
DCAL1	10.000	10.140	.140	1.40	.00082	.000	1
DCAL2	250.00	240.22	-9.78	-3.91	.04514	.000	1
DCAL3	1250.0	1239.2	-10.8	-.868	.23776	.001	1
DCAL4	2500.0	2520.5	20.5	.819	.48494	.000	1

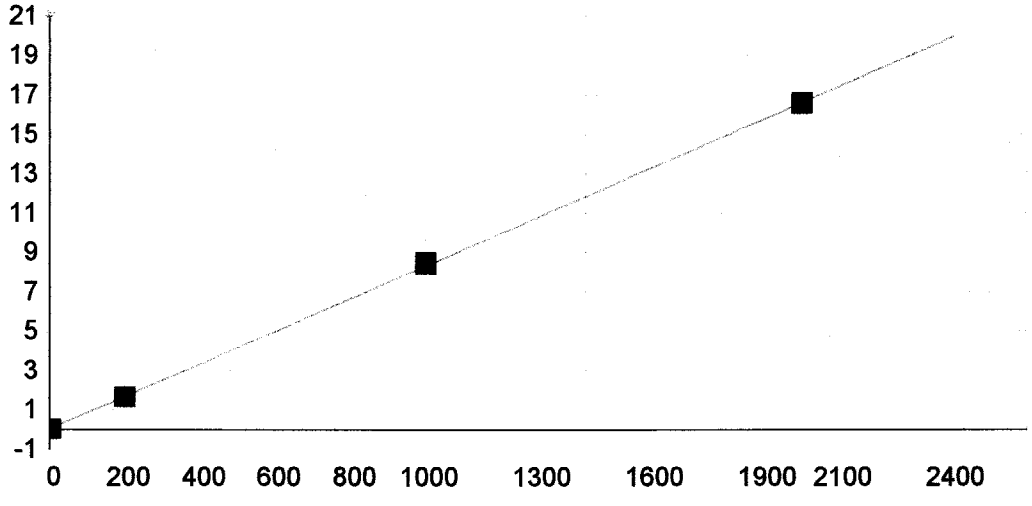


Ba 233.527 {445}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002759	Re-Slope:	1.000000
A1 (Gain):	0.002511	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999769	Status:	OK.
Std Error of Est:	0.005576		
Predicted MDL:	0.074902		
Predicted MQL:	0.249672		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.03115	-.031	.000	.00268	.000	1
DCAL1	200.00	222.82	22.8	11.4	.56158	.002	1
DCAL2	2000.0	2070.8	70.8	3.54	5.1959	.034	1
DCAL3	10000.	10219.	219.	2.19	25.629	.119	1
DCAL4	20000.	19687.	-313.	-1.56	49.370	.136	1

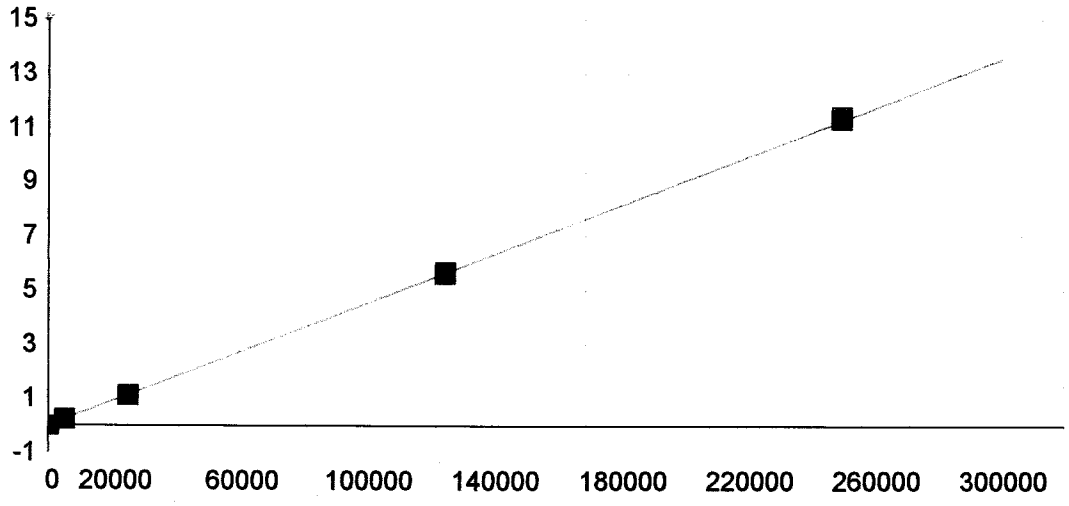


Be 313.042 {108}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000919	Re-Slope:	1.000000
A1 (Gain):	0.008294	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999973	Status:	OK.
Std Error of Est:	0.000197		
Predicted MDL:	0.044252		
Predicted MQL:	0.147507		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00001	.000	.000	-.00092	.000	1
DCAL1	2.0000	2.0241	.024	1.21	.01585	.000	1
DCAL2	200.00	197.53	-2.47	-1.24	1.6324	.002	1
DCAL3	1000.0	1010.4	10.4	1.04	8.3543	.066	1
DCAL4	2000.0	1992.1	-7.92	-.396	16.472	.060	1

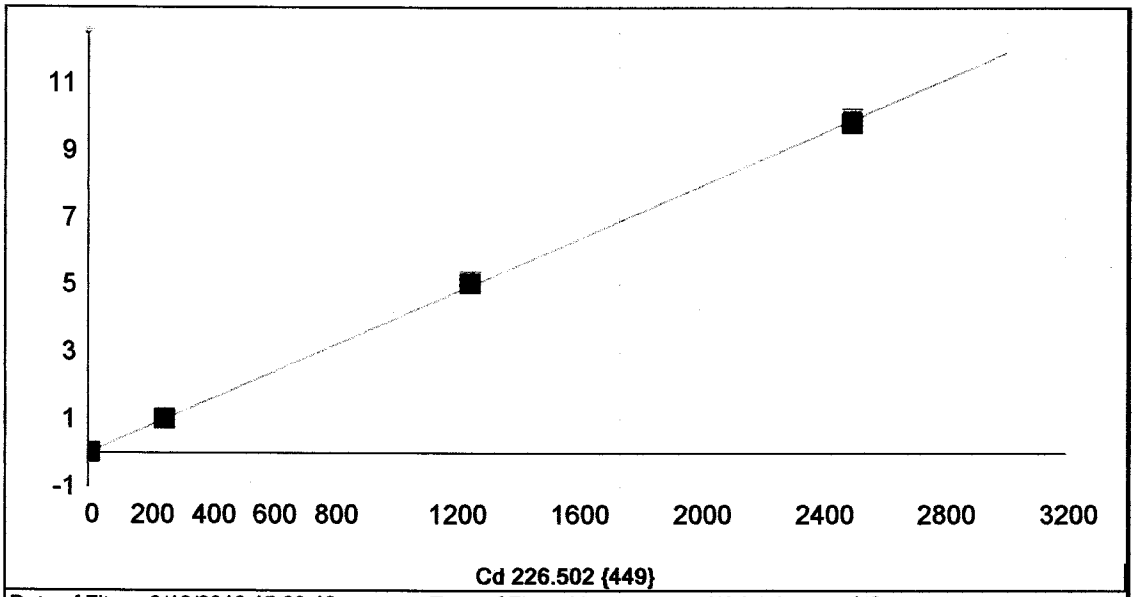


Ca 422.673 { 80}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.009477	Re-Slope:	1.000000
A1 (Gain):	0.000045	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999975	Status:	OK.
Std Error of Est:	0.000589		
Predicted MDL:	11.519141		
Predicted MQL:	38.397135		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.14362	.144	.000	-.00947	.000	1
DCAL1	5000.0	4936.1	-63.9	-1.28	.21329	.001	1
DCAL2	25000.	24657.	-343.	-1.37	1.1033	.003	1
DCAL3	125000.	124040.	-964.	-.771	5.5882	.049	1
DCAL4	250000.	251370.	1370.	.548	11.335	.056	1

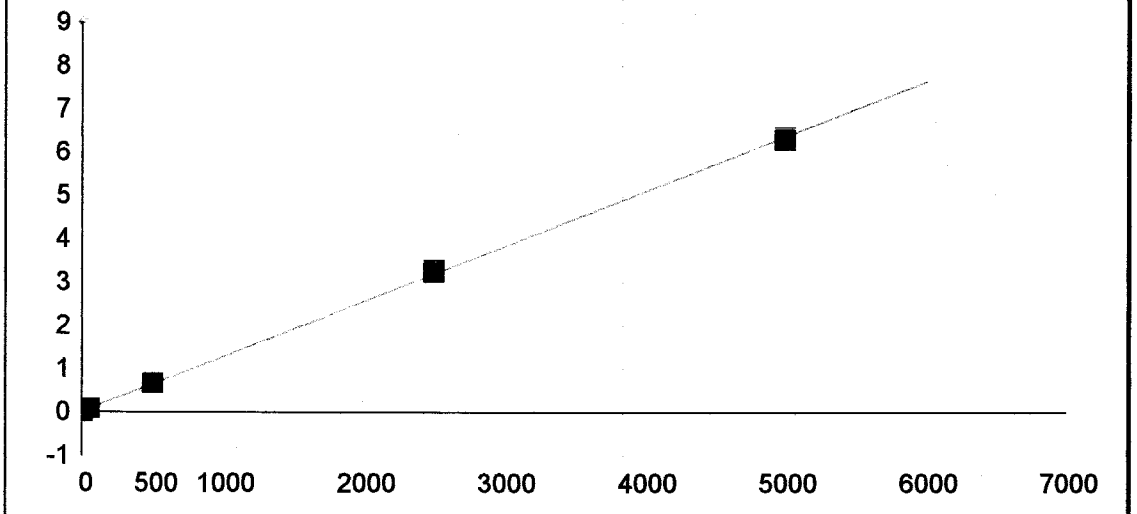


Cd 226.502 {449}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000293	Re-Slope:	1.000000
A1 (Gain):	0.003960	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999924	Status:	OK.
Std Error of Est:	0.000253		
Predicted MDL:	0.046965		
Predicted MQL:	0.156549		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00037	.000	.000	-.00029	.000	1
DCAL1	4.0000	4.3110	.311	7.78	.01683	.000	1
DCAL2	250.00	251.97	1.97	.790	1.0048	.006	1
DCAL3	1250.0	1271.1	21.1	1.69	5.0697	.020	1
DCAL4	2500.0	2476.6	-23.4	-.935	9.8800	.055	1

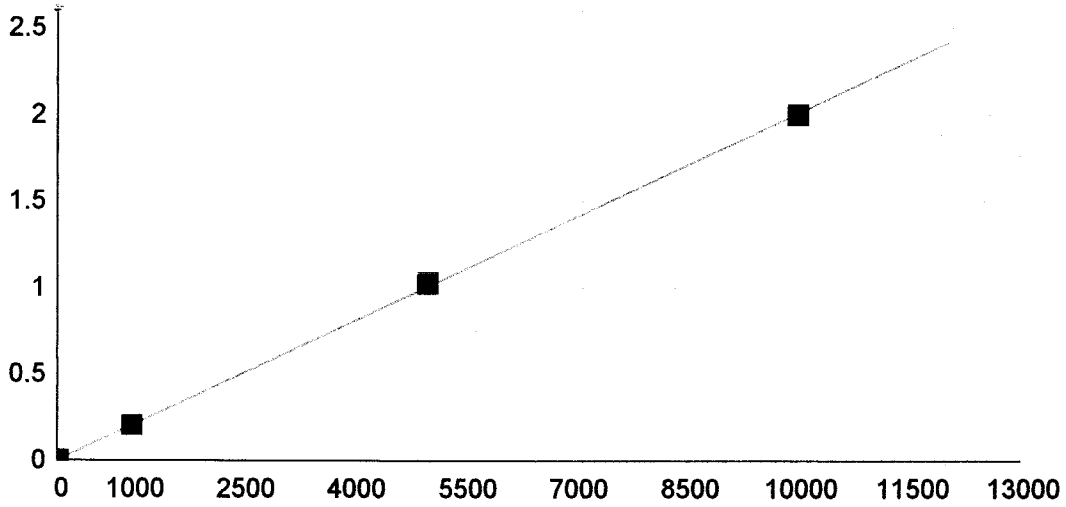


Co 228.616 {447}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000504	Re-Slope:	1.000000
A1 (Gain):	0.001272	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999864	Status:	OK.
Std Error of Est:	0.000545		
Predicted MDL:	0.138879		
Predicted MQL:	0.462930		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00674	-.007	.000	-.00051	.000	1
DCAL1	50.000	55.069	5.07	10.1	.06954	.000	1
DCAL2	500.00	514.94	14.9	2.99	.65808	.004	1
DCAL3	2500.0	2537.9	37.9	1.52	3.2456	.023	1
DCAL4	5000.0	4942.1	-57.9	-1.16	6.3216	.023	1

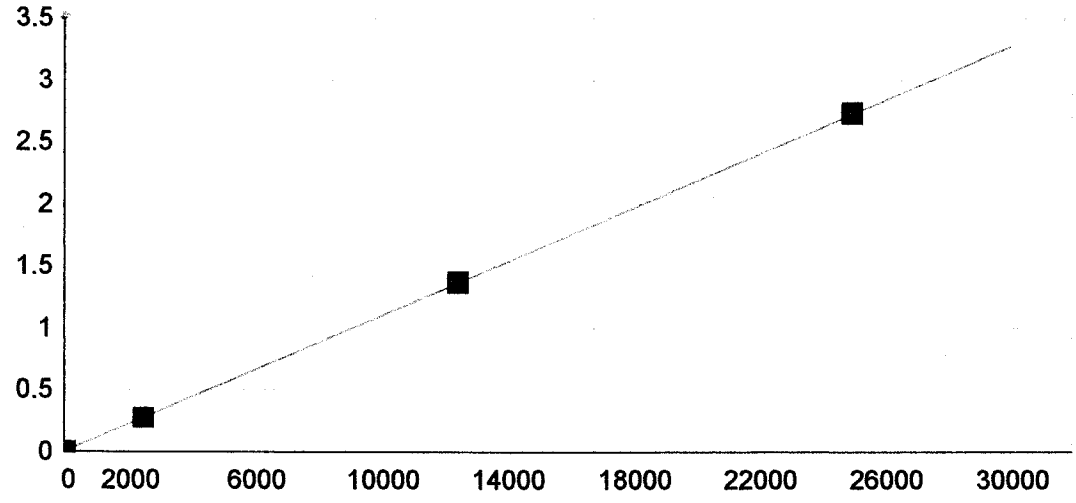


Cr 267.716 {126}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000077	Re-Slope:	1.000000
A1 (Gain):	0.000201	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999946	Status:	OK.
Std Error of Est:	0.000034		
Predicted MDL:	0.252996		
Predicted MQL:	0.843321		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00099	-.001	.000	.00008	.000	1
DCAL1	10.000	10.933	.933	9.33	.00228	.000	1
DCAL2	1000.0	998.34	-1.66	-.166	.20094	.001	1
DCAL3	5000.0	5074.1	74.1	1.48	1.0209	.006	1
DCAL4	10000.	9926.6	-73.4	-.734	1.9972	.001	1

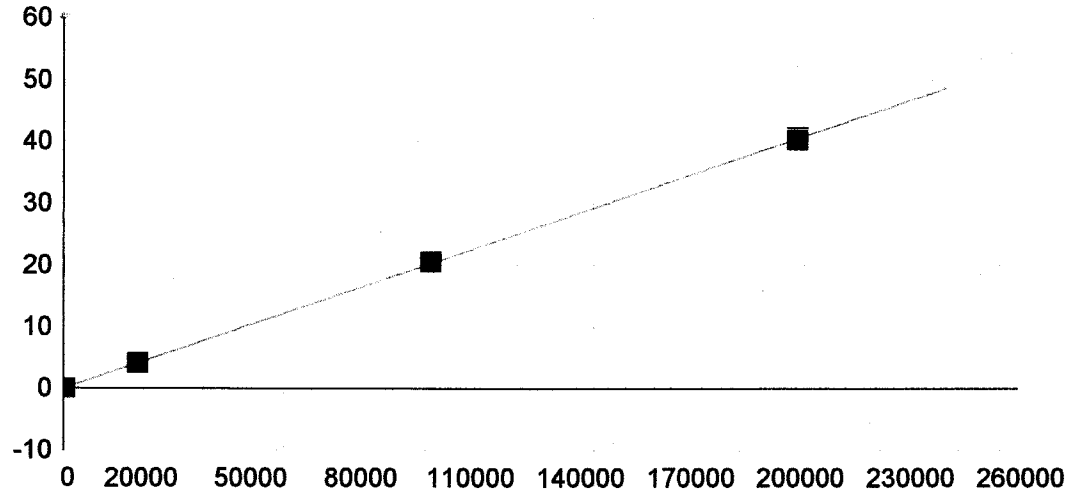


Cu 324.754 {104}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000575	Re-Slope:	1.000000
A1 (Gain):	0.000109	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999991	Status:	OK.
Std Error of Est:	0.000019		
Predicted MDL:	2.896973		
Predicted MQL:	9.656575		

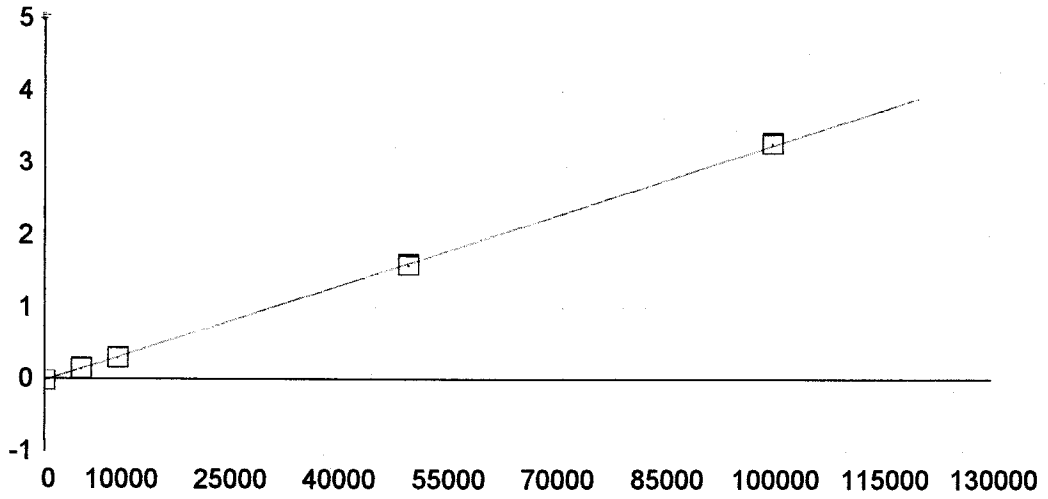
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00347	-.003	.000	.00057	.000	1
DCAL1	25.000	28.653	3.65	14.6	.00369	.000	1
DCAL2	2500.0	2482.7	-17.3	-.693	.27032	.001	1
DCAL3	12500.	12480.	-20.1	-.161	1.3566	.010	1
DCAL4	25000.	25034.	33.7	.135	2.7206	.011	1



Fe 271.441 {124}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000611		Re-Slope:	1.000000	
A1 (Gain):	0.000202		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999964		Status:	OK.	
Std Error of Est:	0.000485				
Predicted MDL:	4.946212				
Predicted MQL:	16.487372				

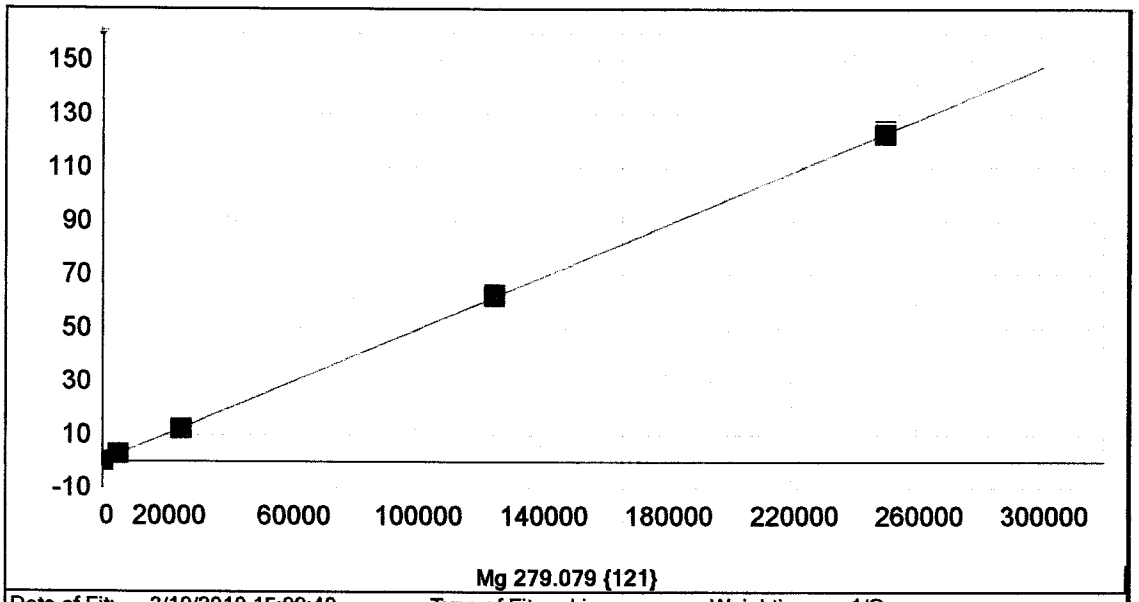
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01771	-.018	.000	-.00061	.000	1
DCAL1	150.00	165.48	15.5	10.3	.03353	.000	1
DCAL2	20000.	20216.	216.	1.08	4.0961	.033	1
DCAL3	100000.	101040.	1040.	1.04	20.475	.040	1
DCAL4	200000.	198730.	-1270.	-.637	40.270	.384	1



K 766.490 { 44}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.024658		Re-Slope:	1.000000	
A1 (Gain):	0.000033		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999943		Status:	OK.	
Std Error of Est:	0.000410				
Predicted MDL:	37.078601				
Predicted MQL:	123.595337				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.08080	.081	.000	-.02466	.001	1
DCAL1	5000.0	5065.3	65.3	1.31	.14098	.001	1
DCAL2	10000.	9743.5	-256.	-2.56	.29396	.001	1
DCAL3	50000.	49452.	-548.	-1.10	1.5925	.009	1
DCAL4	100000.	100740.	739.	.739	3.2695	.011	1

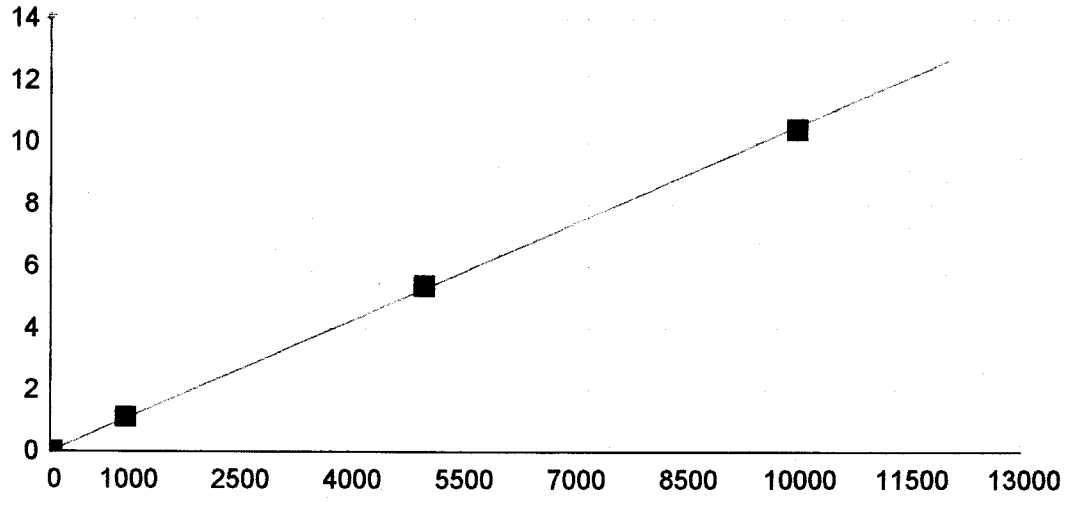


Mg 279.079 {121}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001019	Re-Slope:	1.000000
A1 (Gain):	0.000491	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999966	Status:	OK.
Std Error of Est:	0.007436		
Predicted MDL:	1.985658		
Predicted MQL:	6.618859		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.18989	-.190	.000	.00093	.001	1
DCAL1	5000.0	5243.3	243.	4.87	2.5760	.002	1
DCAL2	25000.	24624.	-376.	-1.50	12.092	.092	1
DCAL3	125000.	125960.	957.	.766	61.848	.328	1
DCAL4	250000.	249180.	-824.	-.330	122.35	1.28	1

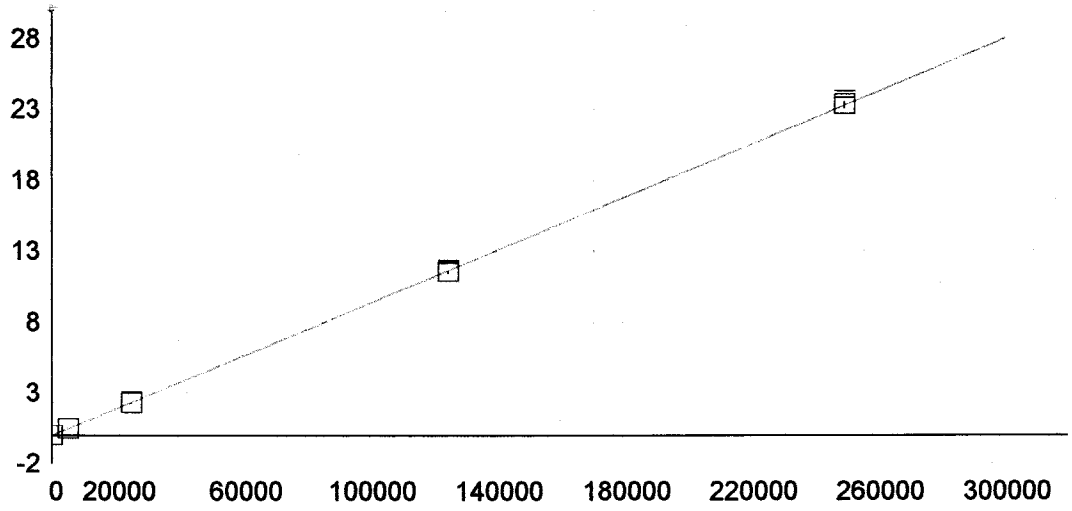


Mn 257.610 {131}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000114	Re-Slope:	1.000000
A1 (Gain):	0.001053	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999852	Status:	OK.
Std Error of Est:	0.000362		
Predicted MDL:	0.040087		
Predicted MQL:	0.133625		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00187	-.002	.000	.00011	.000	1
DCAL1	15.000	16.129	1.13	7.53	.01718	.000	1
DCAL2	1000.0	1046.6	46.6	4.66	1.1014	.002	1
DCAL3	5000.0	5072.2	72.2	1.44	5.3370	.020	1
DCAL4	10000.	9880.1	-120.	-1.20	10.396	.015	1

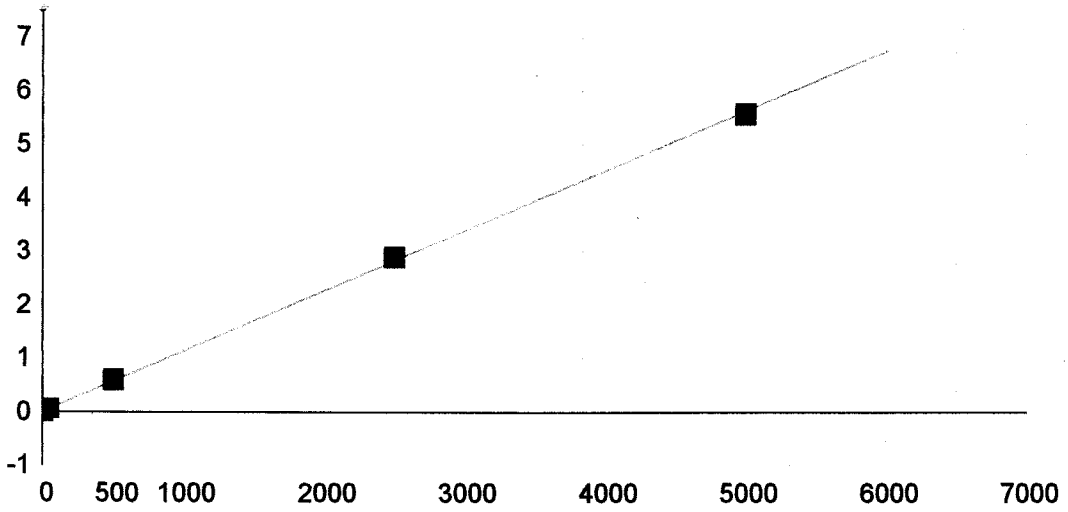


Na 589.592 { 57}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.009652	Re-Slope:	1.000000
A1 (Gain):	0.000093	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999983	Status:	OK.
Std Error of Est:	0.000992		
Predicted MDL:	10.557028		
Predicted MQL:	35.190095		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.13782	-.138	.000	-.00966	.001	1
DCAL1	5000.0	5178.8	179.	3.58	.47265	.001	1
DCAL2	25000.	24877.	-123.	-.494	2.3071	.007	1
DCAL3	125000.	124240.	-761.	-.608	11.561	.093	1
DCAL4	250000.	250710.	705.	.282	23.338	.231	1

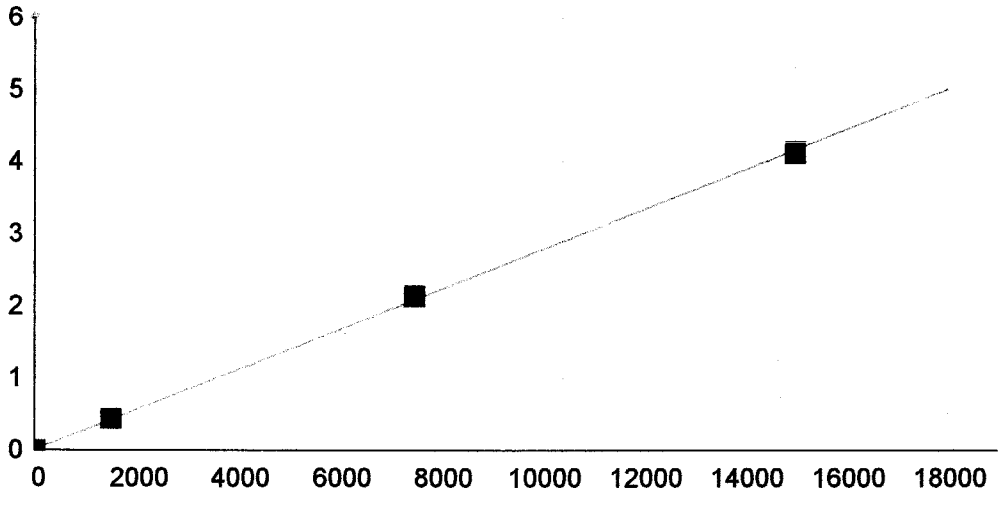


Ni 231.604 {446}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000152	Re-Slope:	1.000000
A1 (Gain):	0.001125	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999834	Status:	OK.
Std Error of Est:	0.000475		
Predicted MDL:	0.183996		
Predicted MQL:	0.613320		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00597	-.006	.000	-.00016	.000	1
DCAL1	40.000	44.441	4.44	11.1	.04986	.000	1
DCAL2	500.00	516.87	16.9	3.37	.58135	.003	1
DCAL3	2500.0	2543.7	43.7	1.75	2.8616	.018	1
DCAL4	5000.0	4935.0	-65.0	-1.30	5.5519	.021	1

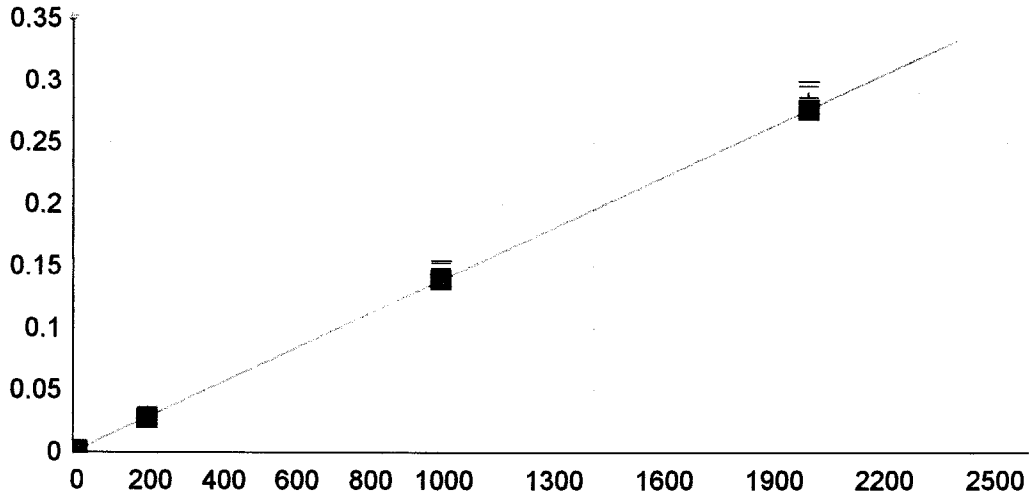


Pb 220.353 {453}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000291	Re-Slope:	1.000000
A1 (Gain):	0.000278	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999854	Status:	OK.
Std Error of Est:	0.000067		
Predicted MDL:	0.641717		
Predicted MQL:	2.139058		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00040	.000	.000	.00029	.000	1
DCAL1	5.0000	5.2014	.201	4.03	.00173	.000	1
DCAL2	1500.0	1549.8	49.8	3.32	.43051	.003	1
DCAL3	7500.0	7645.0	145.	1.93	2.1225	.009	1
DCAL4	15000.	14805.	-195.	-1.30	4.1101	.024	1

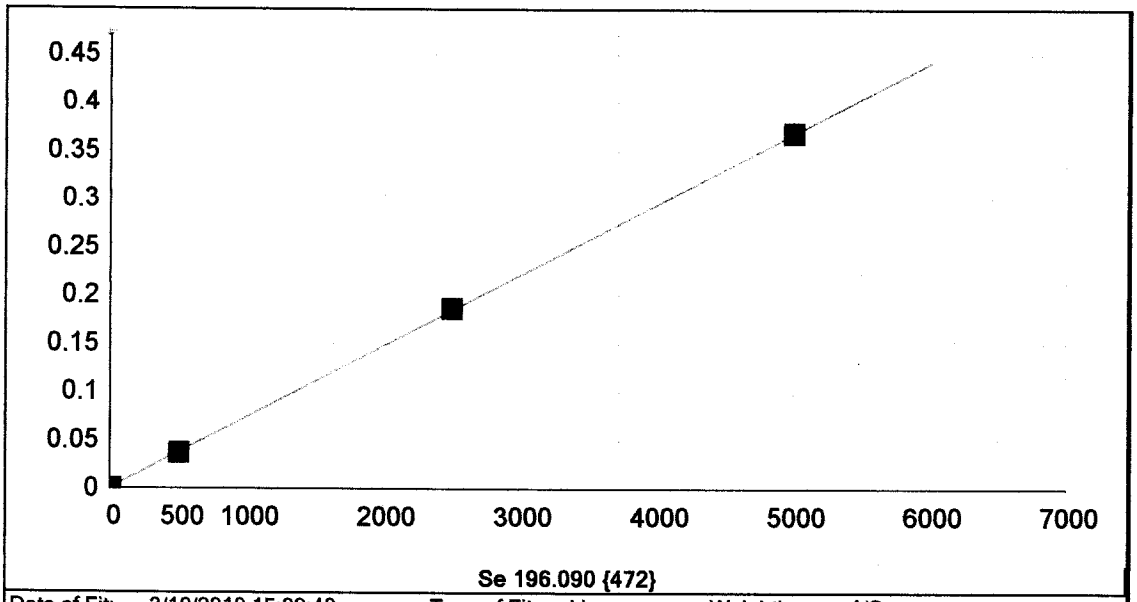


Sb 206.833 {463}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000188	Re-Slope:	1.000000
A1 (Gain):	0.000138	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000007		
Predicted MDL:	0.942958		
Predicted MQL:	3.143193		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00063	.001	.000	.00019	.000	1
DCAL1	10.000	9.5119	-.488	-4.88	.00151	.000	1
DCAL2	200.00	196.13	-3.87	-1.93	.02855	.000	1
DCAL3	1000.0	1005.8	5.79	.579	.14547	.001	1
DCAL4	2000.0	1998.5	-1.45	-.073	.28894	.002	1

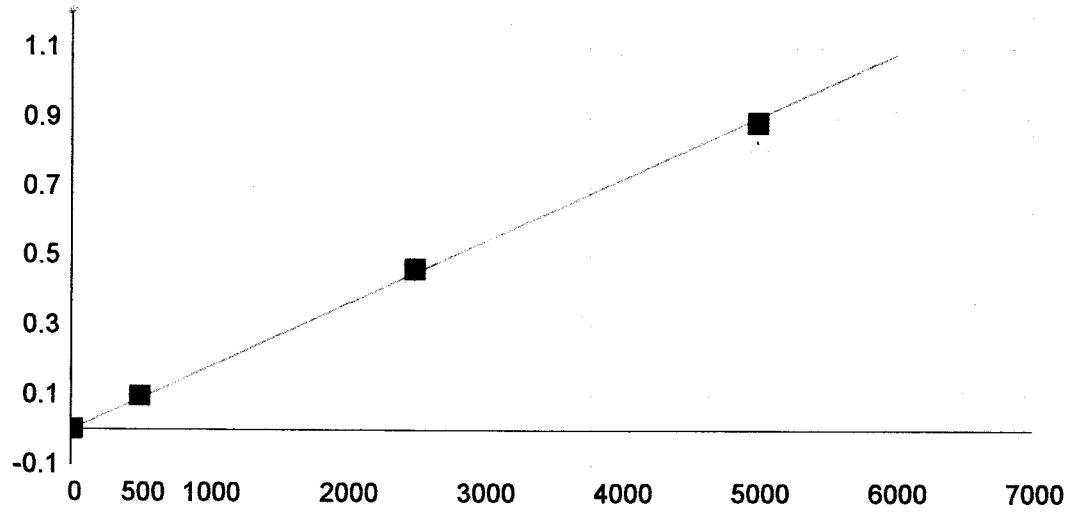


Se 196.090 {472}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000271	Re-Slope:	1.000000
A1 (Gain):	0.000073	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999924	Status:	OK.
Std Error of Est:	0.000007		
Predicted MDL:	1.396985		
Predicted MQL:	4.656618		

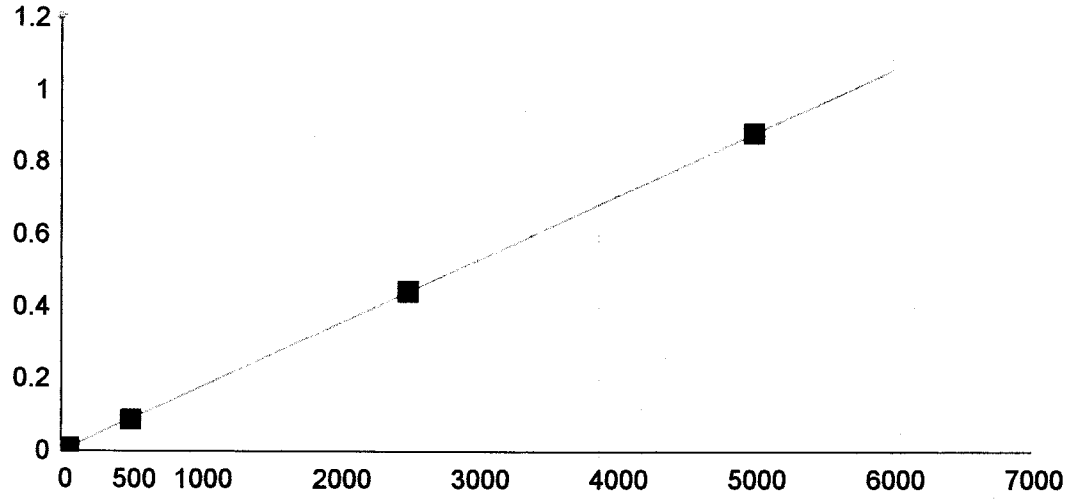
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00173	.002	.000	.00027	.000	1
DCAL1	5.0000	3.3836	-1.62	-32.3	.00052	.000	1
DCAL2	500.00	484.95	-15.0	-3.01	.03562	.000	1
DCAL3	2500.0	2523.0	23.0	.921	.18423	.001	1
DCAL4	5000.0	4993.6	-6.36	-.127	.36434	.002	1



TI 190.856 {477}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000447		Re-Slope:	1.000000	
A1 (Gain):	0.000180		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999558		Status:	OK.	
Std Error of Est:	0.000058				
Predicted MDL:	0.813315				
Predicted MQL:	2.711050				

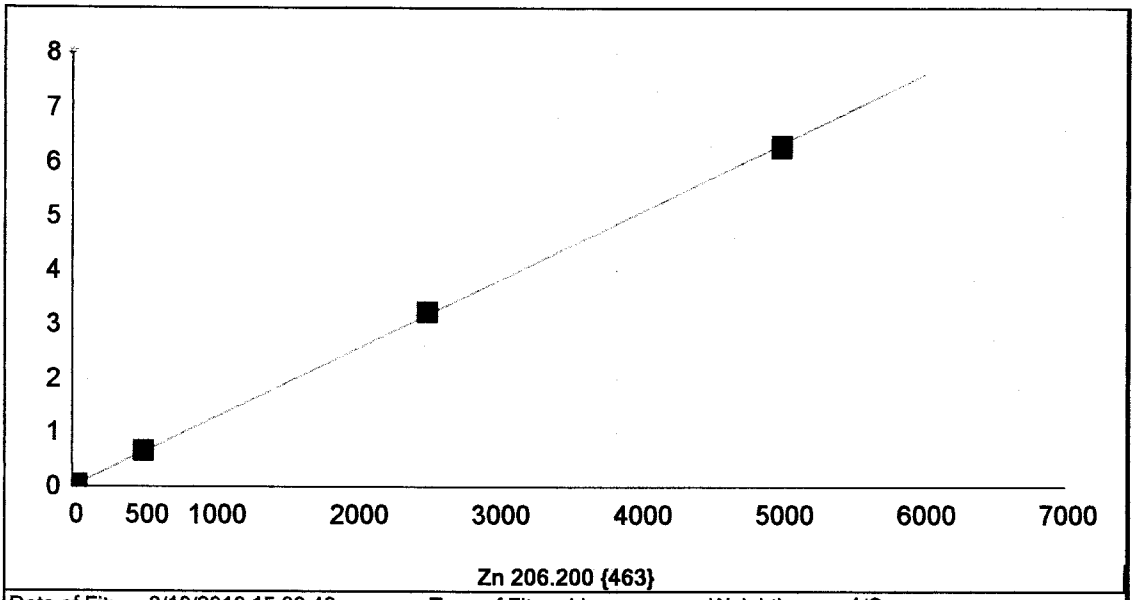
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00264	-.003	.000	-.00045	.000	1
DCAL1	10.000	11.844	1.84	18.4	.00141	.000	1
DCAL2	500.00	538.45	38.5	7.69	.09140	.001	1
DCAL3	2500.0	2554.7	54.7	2.19	.43401	.002	1
DCAL4	5000.0	4905.1	-94.9	-1.90	.83168	.003	1



V 292.402 {115}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000059		Re-Slope:	1.000000	
A1 (Gain):	0.000176		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999988		Status:	OK.	
Std Error of Est:	0.000022				
Predicted MDL:	0.286196				
Predicted MQL:	0.953988				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00132	-.001	.000	.00006	.000	1
DCAL1	50.000	51.990	1.99	3.98	.00919	.000	1
DCAL2	500.00	492.60	-7.40	-1.48	.08607	.000	1
DCAL3	2500.0	2501.5	1.45	.058	.43689	.002	1
DCAL4	5000.0	5003.9	3.95	.079	.87390	.001	1

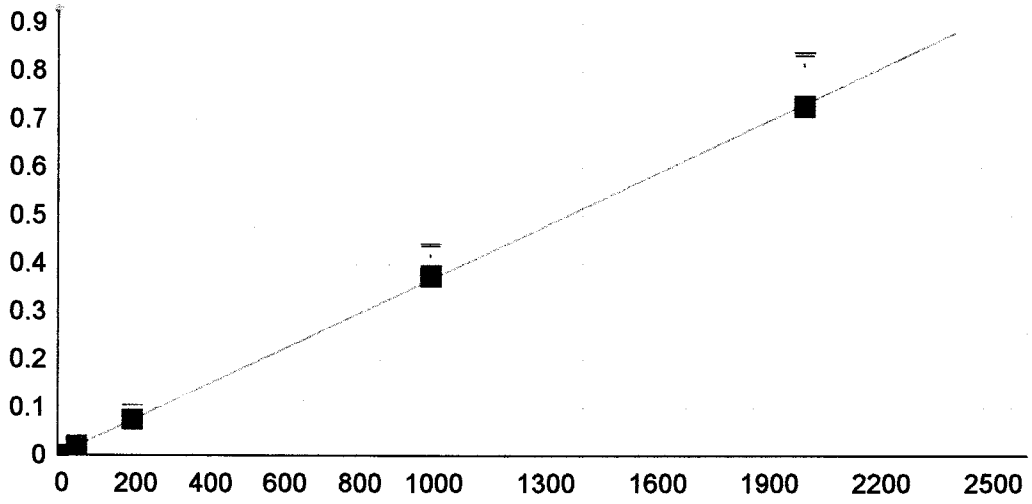


Zn 206.200 {463}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000455	Re-Slope:	1.000000
A1 (Gain):	0.001266	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999867	Status:	OK.
Std Error of Est:	0.000413		
Predicted MDL:	0.085643		
Predicted MQL:	0.285476		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00506	-.005	.000	.00045	.000	1
DCAL1	30.000	34.276	4.28	14.3	.04381	.000	1
DCAL2	500.00	510.33	10.3	2.07	.64506	.004	1
DCAL3	2500.0	2541.2	41.2	1.65	3.2103	.012	1
DCAL4	5000.0	4944.2	-55.8	-1.12	6.2451	.035	1

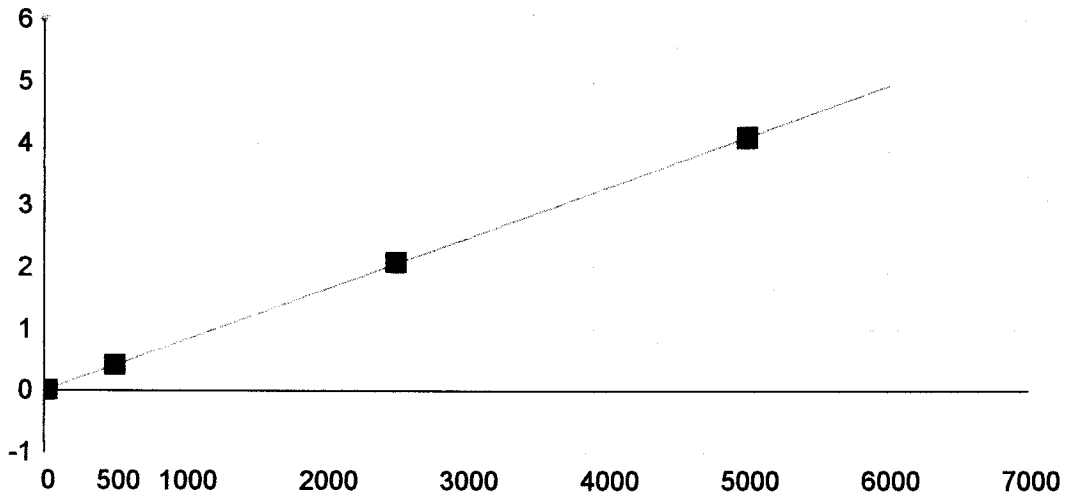


B 208.959 {461}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000445	Re-Slope:	1.000000
A1 (Gain):	0.000366	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999938	Status:	OK.
Std Error of Est:	0.000075		
Predicted MDL:	0.330044		
Predicted MQL:	1.100148		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00196	-.002	.000	.00044	.000	1
DCAL1	50.000	51.723	1.72	3.45	.01971	.000	1
DCAL2	200.00	199.36	-.643	-.322	.08226	.001	1
DCAL3	1000.0	1017.0	17.0	1.70	.41689	.002	1
DCAL4	2000.0	1982.1	-17.9	-.895	.81438	.003	1

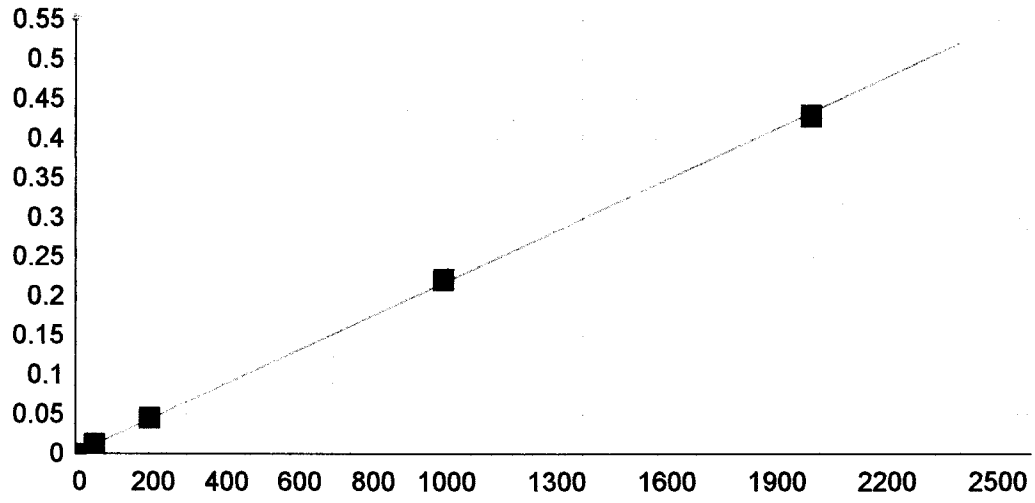


Mo 202.030 {467}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000121	Re-Slope:	1.000000
A1 (Gain):	0.000821	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999978	Status:	OK.
Std Error of Est:	0.000089		
Predicted MDL:	0.144166		
Predicted MQL:	0.480552		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00111	-.001	.000	-.00012	.000	1
DCAL1	20.000	21.091	1.09	5.46	.01720	.000	1
DCAL2	500.00	498.04	-1.96	-.393	.40892	.003	1
DCAL3	2500.0	2522.2	22.2	.889	2.0714	.011	1
DCAL4	5000.0	4978.7	-21.3	-.427	4.0889	.019	1

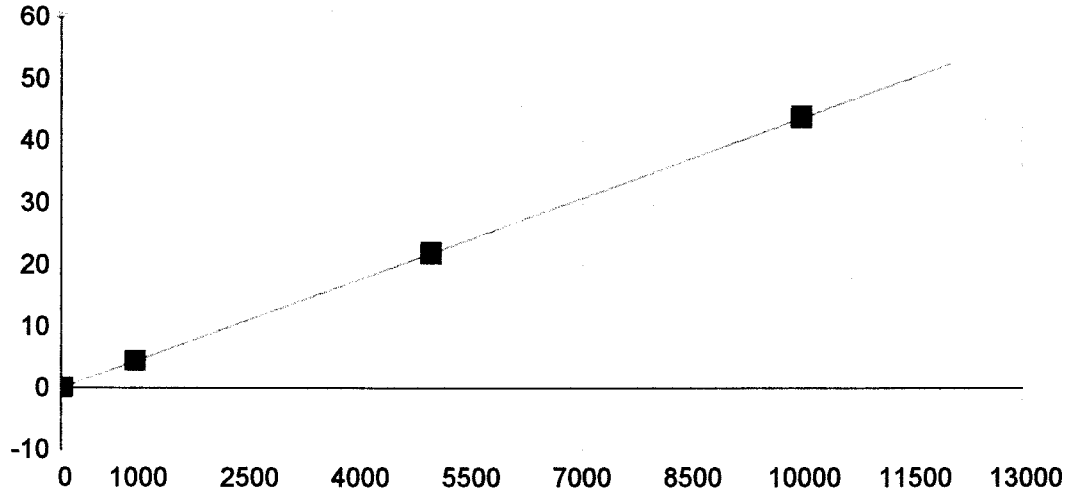


Sn 189.989 {477}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000176	Re-Slope:	1.000000
A1 (Gain):	0.000217	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999803	Status:	OK.
Std Error of Est:	0.000071		
Predicted MDL:	0.371642		
Predicted MQL:	1.238805		

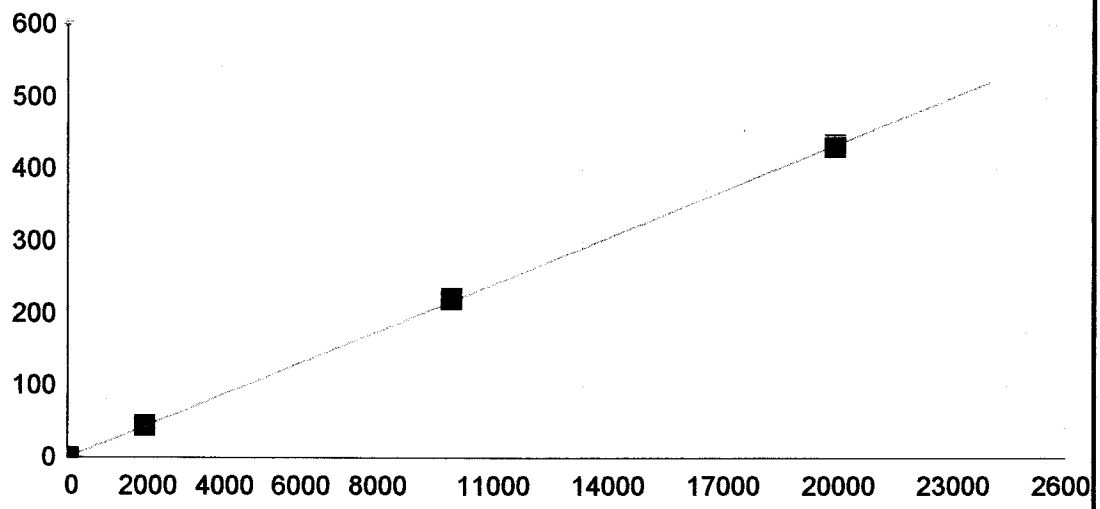
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00668	-.007	.000	.00017	.000	1
DCAL1	50.000	55.293	5.29	10.6	.01215	.000	1
DCAL2	200.00	204.96	4.96	2.48	.04457	.000	1
DCAL3	1000.0	1016.0	16.0	1.60	.22024	.001	1
DCAL4	2000.0	1973.8	-26.2	-1.31	.42770	.002	1



Sr 407.771 { 83}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.002419		Re-Slope:	1.000000	
A1 (Gain):	0.004366		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999993		Status:	OK.	
Std Error of Est:	0.000381				
Predicted MDL:	0.106465				
Predicted MQL:	0.354883				

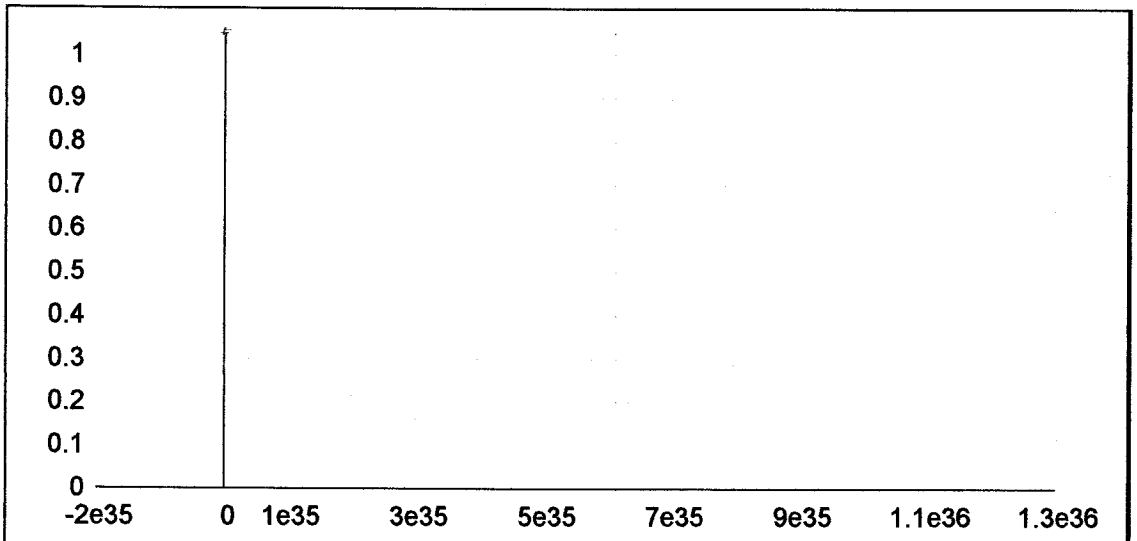
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00093	-.001	.000	-.00242	.000	1
DCAL1	20.000	20.719	.719	3.60	.08860	.001	1
DCAL2	1000.0	1013.3	13.3	1.33	4.4247	.013	1
DCAL3	5000.0	4988.7	-11.3	-.226	21.794	.160	1
DCAL4	10000.	9997.3	-2.71	-.027	43.678	.334	1



Ti 334.941 {101}

Date of Fit:	3/10/2010 15:09:40	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.012250		Re-Slope:	1.000000	
A1 (Gain):	0.021690		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999956		Status:	OK.	
Std Error of Est:	0.006682				
Predicted MDL:	0.083949				
Predicted MQL:	0.279831				

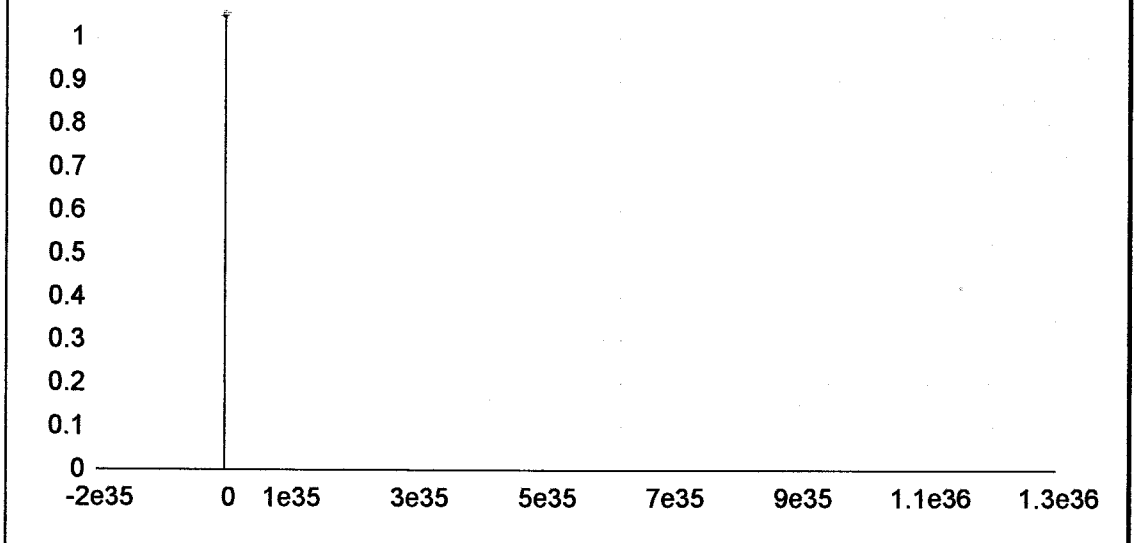
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00212	-.002	.000	.01220	.001	1
DCAL1	20.000	21.749	1.75	8.74	.48392	.002	1
DCAL2	2000.0	2028.8	28.8	1.44	44.025	.326	1
DCAL3	10000.	10112.	112.	1.12	219.39	2.02	1
DCAL4	20000.	19857.	-143.	-.714	430.79	3.29	1



Y 224.306 {450}*

Date of Fit:	7/2/2009 13:18:43	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	183.492520				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

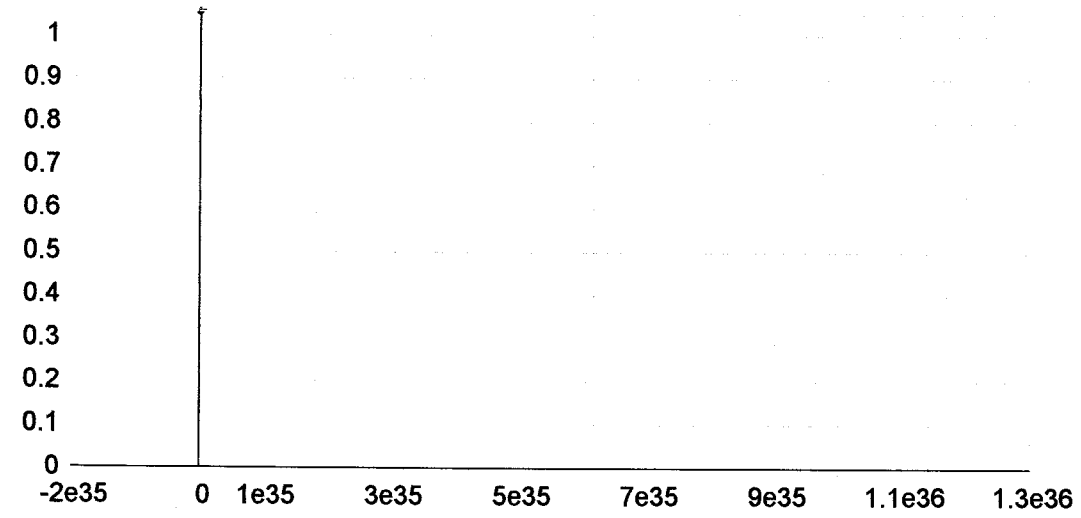


Y 360.073 { 94}*

Date of Fit:	2/2/2010 14:59:52	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				

n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 371.030 { 91}*

Date of Fit:	2/5/2010 13:43:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	192.759705		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq: 2	09:53:05 05 Mar 10	HG		
Hg	.000	ppb	-75					
*** Standard: 2 Rep: 1				Seq: 3	09:55:23 05 Mar 10	HG		
Hg	.100	ppb	290					
*** Standard: 3 Rep: 1				Seq: 4	09:57:18 05 Mar 10	HG		
Hg	1.00	ppb	2984					
*** Standard: 4 Rep: 1				Seq: 5	09:59:13 05 Mar 10	HG		
Hg	2.00	ppb	5990					
*** Standard: 5 Rep: 1				Seq: 6	10:00:57 05 Mar 10	HG		
Hg	5.00	ppb	15239					
*** Standard: 6 Rep: 1				Seq: 7	10:02:42 05 Mar 10	HG		
Hg	10.0	ppb	30462					
*** Check Standard: 3			Ck3AICV	Seq: 8	10:04:48 05 Mar 10	HG		
Line Flag			Intensities					
Hg			15533					
*** Check Standard: 1			Ck1ICB/CCB	Seq: 9	10:06:31 05 Mar 10	HG		
Line Flag			Intensities					
Hg			-156					
*** Check Standard: 4			Ck4QCS	Seq: 10	10:08:44 05 Mar 10	HG		
Line Flag			Intensities					
Hg			15363					
*** Sample ID:			MCL	Seq: 11	10:10:28 05 Mar 10	HG		
Hg	2.03	ppb	6132					
*** Sample ID:			mb 460-31286/12-a	Seq: 12	10:12:22 05 Mar 10	HG		
Hg	.010	ppb	-30					
*** Sample ID:			lcs 460-31286/13-a	Seq: 13	10:14:18 05 Mar 10	HG		
Hg	1.03	ppb	3087					

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:			460-10889-d-3-a	Seq: 14	10:16:55 05 Mar 10	HG		
Hg	.128	ppb	328					

*** Sample ID: Seq: 15 10:18:42 05 Mar 10 HG
460-10889-a-3-a du
Hg .060 ppb 121

*** Sample ID: Seq: 16 10:20:27 05 Mar 10 HG
460-10889-d-3-a
Hg .039 ppb 56

*** Sample ID: Seq: 17 10:22:15 05 Mar 10 HG
460-10889-d-3-b ms
Hg 1.08 ppb 3247

*** Sample ID: Seq: 18 10:24:09 05 Mar 10 HG
460-10920-d-31-a
Hg .023 ppb 7

*** Sample ID: Seq: 19 10:26:13 05 Mar 10 HG
460-10889-d-1-a
Hg .398 ppb 1152

*** Sample ID: Seq: 20 10:27:59 05 Mar 10 HG
460-10889-d-2-a
Hg .057 ppb 113

*** Check Standard: 2 Ck2ACCV Seq: 21 10:29:45 05 Mar 10 HG
Line Flag Intensities
Hg 15358

*** Check Standard: 1 Ck1ICB/CCB Seq: 22 10:31:41 05 Mar 10 HG
Line Flag Intensities
Hg -92

*** Sample ID: Seq: 23 10:33:57 05 Mar 10 HG
460-10889-d-4-a
Hg .040 ppb 59

*** Sample ID: Seq: 24 10:35:51 05 Mar 10 HG
460-10889-d-5-a
Hg .041 ppb 62

*** Sample ID: Seq: 25 10:37:36 05 Mar 10 HG
460-10889-d-6-a
Hg .027 ppb 22

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POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 26 10:39:29 05 Mar 10 HG
460-10889-d-7-a
Hg .023 ppb 7

*** Sample ID: Seq: 27 10:41:17 05 Mar 10 HG
460-10889-d-8-a
Hg .079 ppb 179

*** Sample ID: Seq: 28 10:43:01 05 Mar 10 HG
460-10889-d-9-a
Hg .052 ppb 96

*** Sample ID: Seq: 29 10:44:46 05 Mar 10 HG
460-10889-d-10-a

```
Hg    .049    ppb      89

*** Sample ID:                        Seq:  30     10:46:34 05 Mar 10   HG
                          460-10889-d-11-a
Hg    .074    ppb      164

*** Sample ID:                        Seq:  31     10:48:19 05 Mar 10   HG
                          460-10889-d-12-a
Hg    .037    ppb      52

*** Check Standard: 2  Ck2ACCV      Seq:  32      10:50:07 05 Mar 10   HG
Line  Flag             Intensities
Hg                     15830

*** Check Standard: 1  Ck1ICB/CCB   Seq:  33      10:52:25 05 Mar 10   HG
Line  Flag             Intensities
Hg                     -3

*** Sample ID:                        Seq:  34     10:54:13 05 Mar 10   HG
                          460-10889-d-13-a
Hg    .047    ppb      82

*** Sample ID:                        Seq:  35     10:56:08 05 Mar 10   HG
                          460-10889-d-14-a
Hg    .026    ppb      17

*** Sample ID:                        Seq:  36     10:57:53 05 Mar 10   HG
                          460-10889-d-15-a
Hg    .030    ppb      30

*** Sample ID:                        Seq:  37     11:00:01 05 Mar 10   HG
                          460-10889-d-16-a
Hg    .088    ppb      208

                              Folder:   31286HG1                      Page 4158
                              Protocol: 245_7470
                             ***POST-RUN REPORT***
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Sample ID:                        Seq:  38     11:01:45 05 Mar 10   HG
                          460-10889-d-17-a
Hg    .045    ppb      76

*** Sample ID:                        Seq:  39     11:03:31 05 Mar 10   HG
                          460-10889-d-18-a
Hg    .046    ppb      78

*** Sample ID:                        Seq:  40     11:05:25 05 Mar 10   HG
                          460-10889-d-19-a
Hg    .060    ppb      122

*** Sample ID:                        Seq:  41     11:07:10 05 Mar 10   HG
                          SD 460-10889-d-3-a@5
Hg    .011    ppb      -29

*** Check Standard: 2  Ck2ACCV      Seq:  42      11:08:53 05 Mar 10   HG
Line  Flag             Intensities
Hg                     15579

*** Check Standard: 1  Ck1ICB/CCB   Seq:  43      11:10:36 05 Mar 10   HG
Line  Flag             Intensities
Hg                     -89
```

*** Sample ID: Seq: 44 11:12:45 05 Mar 10 HG
mb 460-31289/11-a
Hg .027 ppb 22

*** Sample ID: Seq: 45 11:14:41 05 Mar 10 HG
lcs 460-31289/12-a
Hg 1.03 ppb 3079

*** Sample ID: Seq: 46 11:16:56 05 Mar 10 HG
460-10889-d-20-a
Hg .103 ppb 254

*** Sample ID: Seq: 47 11:19:02 05 Mar 10 HG
460-10889-d-20-a
Hg .066 ppb 139

*** Sample ID: Seq: 48 11:20:48 05 Mar 10 HG
460-10889-d-20-b du
Hg .038 ppb 53

*** Sample ID: Seq: 49 11:22:36 05 Mar 10 HG
460-10889-d-20-c ms
Hg 1.06 ppb 3188

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 50 11:25:30 05 Mar 10 HG
460-10889-d-21-a
Hg .057 ppb 112

*** Sample ID: Seq: 51 11:27:24 05 Mar 10 HG
460-10893-c-1-a
Hg .042 ppb 67

*** Sample ID: Seq: 52 11:29:20 05 Mar 10 HG
460-10897-a-1-a
Hg .060 ppb 123

*** Sample ID: Seq: 53 11:31:36 05 Mar 10 HG
460-10911-d-1-a
Hg 5.88 ppb 17882

*** Check Standard: 2 Ck2ACCV Seq: 54 11:33:24 05 Mar 10 HG
Line Flag Intensities
Hg 15450

*** Check Standard: 1 Ck1ICB/CCB Seq: 55 11:35:20 05 Mar 10 HG
Line Flag Intensities
Hg -110

*** Sample ID: Seq: 56 11:37:18 05 Mar 10 HG
460-10906-e-1-a
Hg 17.2 ppb 52305

*** Sample ID: Seq: 57 11:39:05 05 Mar 10 HG
460-10906-e-2-a@5
Hg 3.86 ppb 11730

*** Sample ID: Seq: 58 11:41:03 05 Mar 10 HG
460-10906-e-3-a

Hg 172. ppb 524978

*** Sample ID: Seq: 59 11:43:47 05 Mar 10 HG
RNCHK
Hg -.169 ppb -577

*** Sample ID: Seq: 60 11:45:53 05 Mar 10 HG
RNCHK
Hg -.015 ppb -107

*** Sample ID: Seq: 61 11:47:44 05 Mar 10 HG
RNCHK
Hg .013 ppb -23

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 62 11:51:20 05 Mar 10 HG
RNCHK
Hg .009 ppb -34

*** Sample ID: Seq: 63 11:53:04 05 Mar 10 HG
460-10906-e-1-a@5
Hg 3.99 ppb 12111

*** Sample ID: Seq: 64 11:54:50 05 Mar 10 HG
460-10906-e-3-a@40
Hg 4.21 ppb 12791

*** Sample ID: Seq: 65 11:56:41 05 Mar 10 HG
460-10906-e-4-a@5
Hg 38.1 ppb 116391

*** Sample ID: Seq: 66 11:58:32 05 Mar 10 HG
460-10906-e-5-a
Hg -.219 ppb -729

*** Check Standard: 2 Ck2ACCV Seq: 67 12:00:22 05 Mar 10 HG
Line Flag Intensities
Hg 15402

*** Check Standard: 1 Ck1ICB/CCB Seq: 68 12:02:05 05 Mar 10 HG
Line Flag Intensities
Hg -136

*** Sample ID: Seq: 69 12:03:59 05 Mar 10 HG
460-10922-d-1-a
Hg .023 ppb 10

*** Sample ID: Seq: 70 12:05:57 05 Mar 10 HG
460-10906-e-4-a@50
Hg 3.88 ppb 11780

*** Sample ID: Seq: 71 12:08:54 05 Mar 10 HG
460-10906-e-5-a
Hg .000 ppb -61

*** Sample ID: Seq: 72 12:10:52 05 Mar 10 HG
SD 460-10889-d-20-a
Hg .044 ppb 74

*** Check Standard: 2 Ck2ACCV Seq: 73 12:12:36 05 Mar 10 HG
Line Flag Intensities
Hg 15403

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1ICB/CCB Seq: 74 12:14:43 05 Mar 10 HG
Line Flag Intensities
Hg -55

*** Sample ID: Seq: 75 12:16:40 05 Mar 10 HG
mb 460-31291/11-a
Hg .024 ppb 13

*** Sample ID: Seq: 76 12:18:44 05 Mar 10 HG
lcs 460-31291/12-a
Hg 1.02 ppb 3067

*** Sample ID: Seq: 77 12:20:39 05 Mar 10 HG
460-10911-e-1-a
Hg .065 ppb 136

*** Sample ID: Seq: 78 12:22:24 05 Mar 10 HG
460-10911-e-1-b du
Hg .043 ppb 71

*** Sample ID: Seq: 79 12:24:33 05 Mar 10 HG
460-10911-e-1-c ms
Hg 1.10 ppb 3311

*** Sample ID: Seq: 80 12:26:19 05 Mar 10 HG
460-10906-f-1-a
Hg .029 ppb 28

*** Sample ID: Seq: 81 12:28:07 05 Mar 10 HG
460-10906-f-2-a
Hg .048 ppb 86

*** Sample ID: Seq: 82 12:29:52 05 Mar 10 HG
460-10906-f-3-a
Hg .053 ppb 100

*** Sample ID: Seq: 83 12:32:51 05 Mar 10 HG
460-10906-f-4-a
Hg .031 ppb 33

*** Sample ID: Seq: 84 12:35:10 05 Mar 10 HG
460-10906-d-5-a
Hg .029 ppb 27

*** Check Standard: 2 Ck2ACCV Seq: 85 12:37:00 05 Mar 10 HG
Line Flag Intensities
Hg 15418

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POST-RUN REPORT

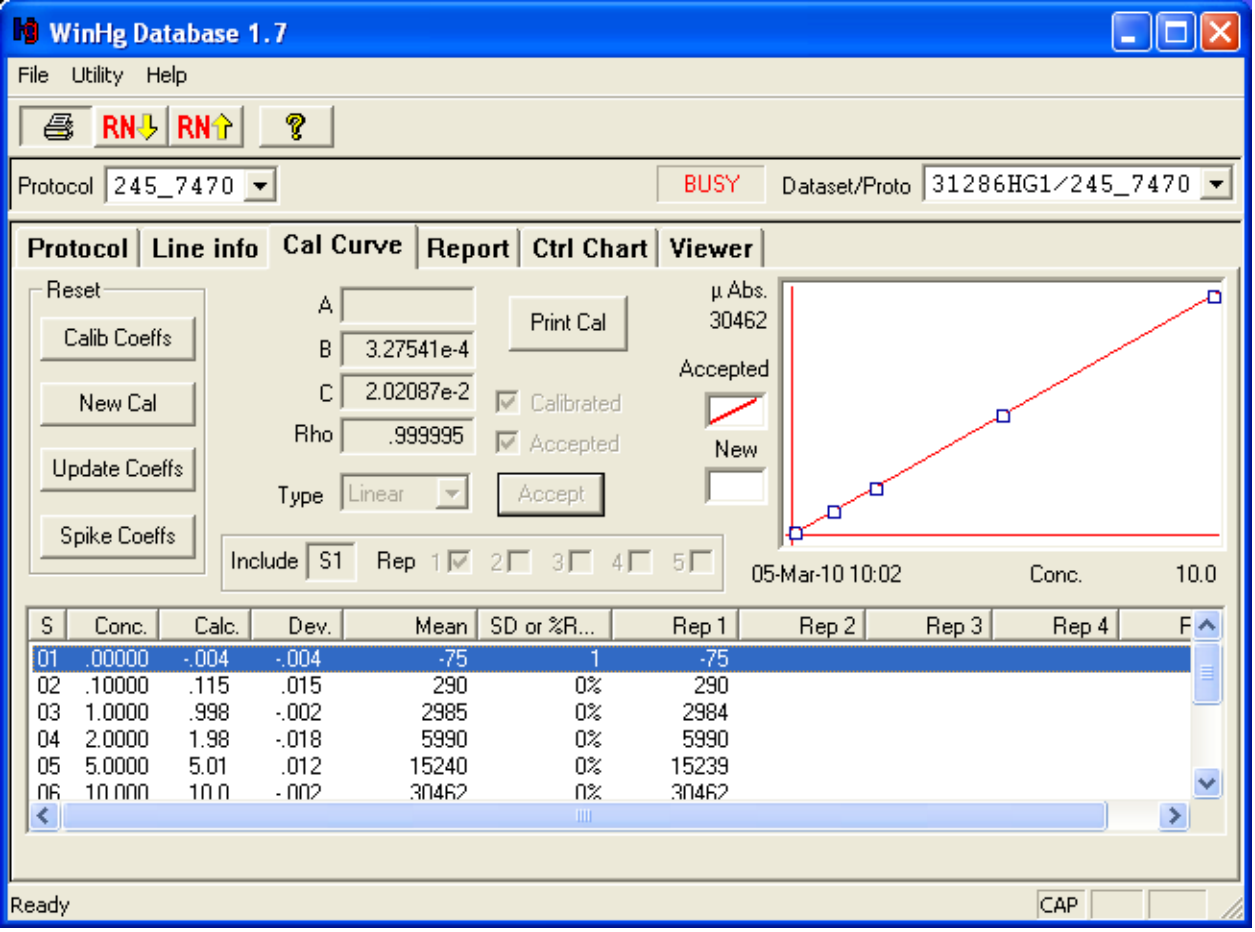
Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1ICB/CCB   Seq: 86   12:38:53 05 Mar 10   HG
Line Flag   Intensities
Hg   -56

*** Sample ID: Seq: 87   12:40:39 05 Mar 10   HG
                          SD 460-10911-e-1-a@5
Hg   .024   ppb   12

*** Check Standard: 2 Ck2ACCV   Seq: 88   12:42:26 05 Mar 10   HG
Line Flag   Intensities
Hg   15537

*** Check Standard: 1 Ck1ICB/CCB   Seq: 89   12:44:21 05 Mar 10   HG
Line Flag   Intensities
Hg   -31


WinHg Database 1.7
File Utility Help
RN RN
Protocol 245_7470
BUSY
Dataset/Proto 31286HG1/245_7470
Protocol Line info Cal Curve Report Ctrl Chart Viewer
Reset
Calib Coeffs
New Cal
Update Coeffs
Spike Coeffs
A
B 3.27541e-4
C 2.02087e-2
Rho .999995
Type Linear
Print Cal
Calibrated
Accepted
Accept
µ Abs.
30462
Accepted
New
Include S1 Rep 1 2 3 4 5
05-Mar-10 10:02
Conc. 10.0
S Conc. Calc. Dev. Mean SD or %R... Rep 1 Rep 2 Rep 3 Rep 4
01 .00000 -.004 -.004 -75 1 -75
02 .10000 .115 .015 290 0% 290
03 1.0000 .998 -.002 2985 0% 2984
04 2.0000 1.98 -.018 5990 0% 5990
05 5.0000 5.01 .012 15240 0% 15239
Ready
CAP

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq: 2		09:53:05 05 Mar 10		HG
Hg	.000	ppb	-75					
*** Standard: 2 Rep: 1				Seq: 3		09:55:23 05 Mar 10		HG
Hg	.100	ppb	290					
*** Standard: 3 Rep: 1				Seq: 4		09:57:18 05 Mar 10		HG
Hg	1.00	ppb	2984					
*** Standard: 4 Rep: 1				Seq: 5		09:59:13 05 Mar 10		HG
Hg	2.00	ppb	5990					
*** Standard: 5 Rep: 1				Seq: 6		10:00:57 05 Mar 10		HG
Hg	5.00	ppb	15239					
*** Standard: 6 Rep: 1				Seq: 7		10:02:42 05 Mar 10		HG
Hg	10.0	ppb	30462					

*** Check Standard: 3 Ck3AICV Seq: 8 10:04:48 05 Mar 10 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	5.11	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 9 10:06:31 05 Mar 10 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.031	.200	ppb	.000

*** Check Standard: 4 Ck4QCS Seq: 10 10:08:44 05 Mar 10 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.05	5.00	ppb	.000

*** Sample ID:				Seq: 11		10:10:28 05 Mar 10		HG
				MCL				
Hg	2.03	ppb	.000	2.03				
*** Sample ID:				Seq: 12		10:12:22 05 Mar 10		HG
				mb 460-31286/12-a				
Hg	.010	ppb	.000	.010				
*** Sample ID:				Seq: 13		10:14:18 05 Mar 10		HG
				lcs 460-31286/13-a				
Hg	1.03	ppb	.000	1.03				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 14		10:16:55 05 Mar 10		HG
				460-10889-d-3-a				
Hg	.128	ppb	.000	128				

*** Sample ID: Seq: 15 10:18:42 05 Mar 10 HG
460-10889-a-3-a du
Hg .060 ppb .000 .060

*** Sample ID: Seq: 16 10:20:27 05 Mar 10 HG
460-10889-d-3-a
Hg .039 ppb .000 .039

*** Sample ID: Seq: 17 10:22:15 05 Mar 10 HG
460-10889-d-3-b ms
Hg 1.08 ppb .000 1.08

*** Sample ID: Seq: 18 10:24:09 05 Mar 10 HG
460-10920-d-31-a
Hg .023 ppb .000 .023

*** Sample ID: Seq: 19 10:26:13 05 Mar 10 HG
460-10889-d-1-a
Hg .398 ppb .000 .398

*** Sample ID: Seq: 20 10:27:59 05 Mar 10 HG
460-10889-d-2-a
Hg .057 ppb .000 .057

*** Check Standard: 2 Ck2ACCV Seq: 21 10:29:45 05 Mar 10 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.05	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 22 10:31:41 05 Mar 10 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.010	.200	ppb	.000

*** Sample ID: Seq: 23 10:33:57 05 Mar 10 HG
460-10889-d-4-a
Hg .040 ppb .000 .040

*** Sample ID: Seq: 24 10:35:51 05 Mar 10 HG
460-10889-d-5-a
Hg .041 ppb .000 .041

*** Sample ID: Seq: 25 10:37:36 05 Mar 10 HG
460-10889-d-6-a
Hg .027 ppb .000 .027

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 26 10:39:29 05 Mar 10 HG
460-10889-d-7-a
Hg .023 ppb .000 .023

*** Sample ID: Seq: 27 10:41:17 05 Mar 10 HG
460-10889-d-8-a
Hg .079 ppb .000 .079

*** Sample ID: Seq: 28 10:43:01 05 Mar 10 HG
460-10889-d-9-a
Hg .052 ppb .000 .052

*** Sample ID: Seq: 29 10:44:46 05 Mar 10 HG
460-10889-d-10-a

```
Hg    .049    ppb       .000      .049

*** Sample ID:                        Seq:  30     10:46:34 05 Mar 10   HG
                          460-10889-d-11-a
Hg    .074    ppb       .000      .074

*** Sample ID:                        Seq:  31     10:48:19 05 Mar 10   HG
                          460-10889-d-12-a
Hg    .037    ppb       .000      .037

*** Check Standard: 2  Ck2ACCV      Seq:  32      10:50:07 05 Mar 10   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          104.     5.21    5.00   ppb        .000

*** Check Standard: 1  Ck1ICB/CCB   Seq:  33      10:52:25 05 Mar 10   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg          .019     .200     ppb        .000

*** Sample ID:                        Seq:  34     10:54:13 05 Mar 10   HG
                          460-10889-d-13-a
Hg    .047    ppb       .000      .047

*** Sample ID:                        Seq:  35     10:56:08 05 Mar 10   HG
                          460-10889-d-14-a
Hg    .026    ppb       .000      .026

*** Sample ID:                        Seq:  36     10:57:53 05 Mar 10   HG
                          460-10889-d-15-a
Hg    .030    ppb       .000      .030

*** Sample ID:                        Seq:  37     11:00:01 05 Mar 10   HG
                          460-10889-d-16-a
Hg    .088    ppb       .000      .088

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                              Protocol: 245_7470
                             ***POST-RUN REPORT***
Line   Conc.  Units     SD/RSD      1       2       3       4       5
--------------------------------------------------------------------------------

*** Sample ID:                        Seq:  38     11:01:45 05 Mar 10   HG
                          460-10889-d-17-a
Hg    .045    ppb       .000      .045

*** Sample ID:                        Seq:  39     11:03:31 05 Mar 10   HG
                          460-10889-d-18-a
Hg    .046    ppb       .000      .046

*** Sample ID:                        Seq:  40     11:05:25 05 Mar 10   HG
                          460-10889-d-19-a
Hg    .060    ppb       .000      .060

*** Sample ID:                        Seq:  41     11:07:10 05 Mar 10   HG
                          SD 460-10889-d-3-a@5
Hg    .011    ppb       .000      .011

*** Check Standard: 2  Ck2ACCV      Seq:  42      11:08:53 05 Mar 10   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          102.     5.12    5.00   ppb        .000

*** Check Standard: 1  Ck1ICB/CCB   Seq:  43      11:10:36 05 Mar 10   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.009     .200     ppb        .000
```

*** Sample ID: Seq: 44 11:12:45 05 Mar 10 HG
mb 460-31289/11-a
Hg .027 ppb .000 .027

*** Sample ID: Seq: 45 11:14:41 05 Mar 10 HG
lcs 460-31289/12-a
Hg 1.03 ppb .000 1.03

*** Sample ID: Seq: 46 11:16:56 05 Mar 10 HG
460-10889-d-20-a
Hg .103 ppb .000 .103

*** Sample ID: Seq: 47 11:19:02 05 Mar 10 HG
460-10889-d-20-a
Hg .066 ppb .000 .066

*** Sample ID: Seq: 48 11:20:48 05 Mar 10 HG
460-10889-d-20-b du
Hg .038 ppb .000 .038

*** Sample ID: Seq: 49 11:22:36 05 Mar 10 HG
460-10889-d-20-c ms
Hg 1.06 ppb .000 1.06

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 50 11:25:30 05 Mar 10 HG
460-10889-d-21-a
Hg .057 ppb .000 .057

*** Sample ID: Seq: 51 11:27:24 05 Mar 10 HG
460-10893-c-1-a
Hg .042 ppb .000 .042

*** Sample ID: Seq: 52 11:29:20 05 Mar 10 HG
460-10897-a-1-a
Hg .060 ppb .000 .060

*** Sample ID: Seq: 53 11:31:36 05 Mar 10 HG
460-10911-d-1-a
Hg 5.88 ppb .000 5.88

*** Check Standard: 2 Ck2ACCV Seq: 54 11:33:24 05 Mar 10 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 102. 5.08 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 55 11:35:20 05 Mar 10 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.016 .200 ppb .000

*** Sample ID: Seq: 56 11:37:18 05 Mar 10 HG
460-10906-e-1-a
Hg 17.2 ppb .000 17.2

*** Sample ID: Seq: 57 11:39:05 05 Mar 10 HG
460-10906-e-2-a@5
Hg 3.86 ppb .000 3.86

*** Sample ID: Seq: 58 11:41:03 05 Mar 10 HG
460-10906-e-3-a

```
Hg    172.    ppb       .000      172.

*** Sample ID:                        Seq:  59     11:43:47 05 Mar 10   HG
                          RNCHK
Hg   -.169    ppb       .000     -.169

*** Sample ID:                        Seq:  60     11:45:53 05 Mar 10   HG
                          RNCHK
Hg   -.015    ppb       .000     -.015

*** Sample ID:                        Seq:  61     11:47:44 05 Mar 10   HG
                          RNCHK
Hg    .013    ppb       .000      .013
```



```
*** Sample ID:                        Seq:  62     11:51:20 05 Mar 10   HG
                          RNCHK
Hg    .009    ppb       .000      .009

*** Sample ID:                        Seq:  63     11:53:04 05 Mar 10   HG
                          460-10906-e-1-a@5
Hg    3.99    ppb       .000      3.99

*** Sample ID:                        Seq:  64     11:54:50 05 Mar 10   HG
                          460-10906-e-3-a@40
Hg    4.21    ppb       .000      4.21

*** Sample ID:                        Seq:  65     11:56:41 05 Mar 10   HG
                          460-10906-e-4-a@5
Hg    38.1    ppb       .000      38.1

*** Sample ID:                        Seq:  66     11:58:32 05 Mar 10   HG
                          460-10906-e-5-a
Hg   -.219    ppb       .000     -.219

*** Check Standard: 2  Ck2ACCV      Seq:  67     12:00:22 05 Mar 10   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          101.     5.07    5.00   ppb        .000

*** Check Standard: 1  Ck1ICB/CCB   Seq:  68     12:02:05 05 Mar 10   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.024     .200     ppb        .000

*** Sample ID:                        Seq:  69     12:03:59 05 Mar 10   HG
                          460-10922-d-1-a
Hg    .023    ppb       .000      .023

*** Sample ID:                        Seq:  70     12:05:57 05 Mar 10   HG
                          460-10906-e-4-a@50
Hg    3.88    ppb       .000      3.88

*** Sample ID:                        Seq:  71     12:08:54 05 Mar 10   HG
                          460-10906-e-5-a
Hg    .000    ppb       .000      .000

*** Sample ID:                        Seq:  72     12:10:52 05 Mar 10   HG
                          SD 460-10889-d-20-a
Hg    .044    ppb       .000      .044
```

*** Check Standard: 2 Ck2ACCV Seq: 73 12:12:36 05 Mar 10 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 101. 5.07 5.00 ppb .000

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POST-RUN REPORT
Line Conc. Units SD/RSD 1 2 3 4 5

*** Check Standard: 1 Ck1ICB/CCB Seq: 74 12:14:43 05 Mar 10 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg .002 .200 ppb .000

*** Sample ID: Seq: 75 12:16:40 05 Mar 10 HG
mb 460-31291/11-a
Hg .024 ppb .000 .024

*** Sample ID: Seq: 76 12:18:44 05 Mar 10 HG
lcs 460-31291/12-a
Hg 1.02 ppb .000 1.02

*** Sample ID: Seq: 77 12:20:39 05 Mar 10 HG
460-10911-e-1-a
Hg .065 ppb .000 .065

*** Sample ID: Seq: 78 12:22:24 05 Mar 10 HG
460-10911-e-1-b du
Hg .043 ppb .000 .043

*** Sample ID: Seq: 79 12:24:33 05 Mar 10 HG
460-10911-e-1-c ms
Hg 1.10 ppb .000 1.10

*** Sample ID: Seq: 80 12:26:19 05 Mar 10 HG
460-10906-f-1-a
Hg .029 ppb .000 .029

*** Sample ID: Seq: 81 12:28:07 05 Mar 10 HG
460-10906-f-2-a
Hg .048 ppb .000 .048

*** Sample ID: Seq: 82 12:29:52 05 Mar 10 HG
460-10906-f-3-a
Hg .053 ppb .000 .053

*** Sample ID: Seq: 83 12:32:51 05 Mar 10 HG
460-10906-f-4-a
Hg .031 ppb .000 .031

*** Sample ID: Seq: 84 12:35:10 05 Mar 10 HG
460-10906-d-5-a
Hg .029 ppb .000 .029

*** Check Standard: 2 Ck2ACCV Seq: 85 12:37:00 05 Mar 10 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 101. 5.07 5.00 ppb .000

Folder: 31286HG1 Page 4170
Protocol: 245_7470
POST-RUN REPORT
Line Conc. Units SD/RSD 1 2 3 4 5

*** Check Standard: 1 Ck1ICB/CCB   Seq: 86   12:38:53 05 Mar 10   HG
Line Flag Found Range(+/-) Units   SD/RSD
Hg   .002   .200   ppb   .000

*** Sample ID: Seq: 87   12:40:39 05 Mar 10   HG
                          SD 460-10911-e-1-a@5
Hg   .024   ppb   .000   .024

*** Check Standard: 2 Ck2ACCV   Seq: 88   12:42:26 05 Mar 10   HG
Line Flag %Rcv.   Found   True Units   SD/RSD
Hg   102.   5.11   5.00   ppb   .000

*** Check Standard: 1 Ck1ICB/CCB   Seq: 89   12:44:21 05 Mar 10   HG
Line Flag Found Range(+/-) Units   SD/RSD
Hg   .010   .200   ppb   .000

Metals Worksheet

Batch Number: 460-31286
Method: 7470A
Analyst: Staib, Thomas

Date Open: Mar 05 2010 7:30AM
Batch End: Mar 05 2010 9:30AM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_DCAL-IN_00234	ME_DICV-IN_00236
IC~460-31286/1				100 mL	100 mL		
IC~460-31286/2				100 mL	100 mL	0.1 mL	
IC~460-31286/3				100 mL	100 mL	1 mL	
IC~460-31286/4				100 mL	100 mL	2 mL	
IC~460-31286/5				100 mL	100 mL	5 mL	
IC~460-31286/6				100 mL	100 mL	10 mL	
ICV~460-31286/7		7470A, 7470A		100 mL	100 mL	5 mL	
CCV~460-31286/8		7470A, 7470A		100 mL	100 mL	5 mL	
CCB~460-31286/9		7470A, 7470A		100 mL	100 mL		
QCS				100 mL	100 mL		5 mL
MCL				100 mL	100 mL	2 mL	
MB~460-31286/12		7470A, 7470A		30 mL	30 mL		
LCS~460-31286/13		7470A, 7470A		30 mL	30 mL	0.30 mL	
460-10889-D-3	GW-017338-030110-ACH-003	7470A, 7470A	T	30 mL	30 mL		
460-10889-A-3~DU	GW-017338-030110-ACH-003	7470A, 7470A	T	30 mL	30 mL		
460-10889-D-3~MS	GW-017338-030110-ACH-003	7470A, 7470A	T	30 mL	30 mL	0.30 mL	
460-10920-D-31			T	30 mL	30 mL		
460-10889-D-1	GW-017338-030110-ACH-001	7470A, 7470A	T	30 mL	30 mL		
460-10889-D-2	GW-017338-030110-ACH-002	7470A, 7470A	T	30 mL	30 mL		
460-10889-D-4	GW-017338-030110-ACH-004	7470A, 7470A	T	30 mL	30 mL		
460-10889-D-5	GW-017338-030210-RAM-005	7470A, 7470A	T	30 mL	30 mL		
460-10889-D-6	EB-017338-030210-ACH-006	7470A, 7470A	T	30 mL	30 mL		
460-10889-D-7	GW-017338-030210-RAM-007	7470A, 7470A	T	30 mL	30 mL		
460-10889-D-8	GW-017338-030210-ACH-008	7470A, 7470A	T	30 mL	30 mL		
460-10889-D-9	GW-017338-030210-RAM-009	7470A, 7470A	T	30 mL	30 mL		

Metals Worksheet

Batch Number: 460-31286
Method: 7470A
Analyst: Staib, Thomas

Date Open: Mar 05 2010 7:30AM
Batch End: Mar 05 2010 9:30AM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_DCAL-IN_00234	ME_DICV-IN_00236
460-10889-D-10	GW-017338-030210-ACH-010	7470A, 7470A	T	30 mL	30 mL		
460-10889-D-11	GW-017338-030210-RAM-011	7470A, 7470A	T	30 mL	30 mL		
460-10889-D-12	GW-017338-030210-ACH-012	7470A, 7470A	T	30 mL	30 mL		
460-10889-D-13	GW-017338-030210-ACH-013	7470A, 7470A	T	30 mL	30 mL		
460-10889-D-14	GW-017338-030310-ACH-014	7470A, 7470A	T	30 mL	30 mL		
460-10889-D-15	GW-017338-030310-RAM-015	7470A, 7470A	T	30 mL	30 mL		
460-10889-D-16	GW-017338-030310-ACH-016	7470A, 7470A	T	30 mL	30 mL		
460-10889-D-17	GW-017338-030310-RAM-017	7470A, 7470A	T	30 mL	30 mL		
460-10889-D-18	GW-017338-030310-ACH-018	7470A, 7470A	T	30 mL	30 mL		
460-10889-D-19	GW-017338-030310-RAM-019	7470A, 7470A	T	30 mL	30 mL		

Oven, Bath or Block Temperature 1:	95 Celsius
Hood ID or number:	#2
ID number of the thermometer:	Prep-1
Temperature:	95
Lot # of Nitric Acid:	H10040
Lot # of hydrochloric acid:	HgR01104
Sulfuric Acid Lot Number:	G35029
Potassium Permanganate Lot Number:	HgR01106
Potassium Persulfate Lot Number:	HgR01108
Stannous Chloride Lot Number:	HgR01105
Hydroxylamine Hydrochloride Lot:	G50470
NaCL Lot #:	G28618

Metals Worksheet

Batch Number: 460-31289
Method: 7470A
Analyst: Staib, Thomas

Date Open: Mar 05 2010 7:30AM
Batch End: Mar 05 2010 9:30AM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_DCAL-IN_00234	ME_DICV-IN_00236
IC~460-31289/1				100 mL	100 mL		
IC~460-31289/2				100 mL	100 mL	0.1 mL	
IC~460-31289/3				100 mL	100 mL	1 mL	
IC~460-31289/4				100 mL	100 mL	2 mL	
IC~460-31289/5				100 mL	100 mL	5 mL	
IC~460-31289/6				100 mL	100 mL	10 mL	
ICV~460-31289/7				100 mL	100 mL	5 mL	
CCV~460-31289/8				100 mL	100 mL	5 mL	
CCB~460-31289/9				100 mL	100 mL		
QCS				100 mL	100 mL		5 mL
MB~460-31289/11		7470A, 7470A		30 mL	30 mL		
LCS~460-31289/12		7470A, 7470A		30 mL	30 mL	0.30 mL	
460-10889-D-20	GW-017338-030310-ACH-020	7470A, 7470A	T	30 mL	30 mL		
460-10889-D-20~DU	GW-017338-030310-ACH-020	7470A, 7470A	T	30 mL	30 mL		
460-10889-D-20~MS	GW-017338-030310-ACH-020	7470A, 7470A	T	30 mL	30 mL	0.30 mL	
460-10889-D-21	GW-017338-030310-RAM-021	7470A, 7470A	T	30 mL	30 mL		
460-10893-C-1			T	30 mL	30 mL		
460-10897-A-1			T	30 mL	30 mL		
460-10911-D-1			T	30 mL	30 mL		
460-10906-E-1			T	30 mL	30 mL		
460-10906-E-2			T	30 mL	30 mL		
460-10906-E-3			T	30 mL	30 mL		
460-10906-E-4			T	30 mL	30 mL		
460-10906-E-5			T	30 mL	30 mL		
460-10922-D-1			T	30 mL	30 mL		

Oven, Bath or Block Temperature 1:	95 Celsius	Potassium Persulfate Lot Number:	HgR01108
Hood ID or number:	#2	Stannous Chloride Lot Number:	HgR01105
ID number of the thermometer:	Prep-1	Hydroxylamine Hydrochloride Lot:	G50470
Temperature:	95	NaCL Lot #:	G28618
Lot # of Nitric Acid:	H10040		
Lot # of hydrochloric acid:	HgR01104		
Sulfuric Acid Lot Number:	G35029		
Potassium Permanganate Lot Number:	HgR01106		

Metals Worksheet

Batch Number: 460-31300
Method: 3010A
Analyst: Yang, Qin

Date Open: Mar 05 2010 9:04AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_LCS-int_00017
MB~460-31300/1		3010A, 6010B		100 mL	100 mL	
LCS~460-31300/2		3010A, 6010B		100 mL	100 mL	2 mL
460-10889-A-3	GW-017338-030110-ACH-003	3010A, 6010B	T	100 mL	100 mL	
460-10889-A-3~DU	GW-017338-030110-ACH-003	3010A, 6010B	T	100 mL	100 mL	
460-10889-A-3~MS	GW-017338-030110-ACH-003	3010A, 6010B	T	100 mL	100 mL	2 mL
460-10872-D-1			T	100 mL	100 mL	
460-10872-D-2			T	100 mL	100 mL	
460-10872-D-3			T	100 mL	100 mL	
460-10872-D-4			T	100 mL	100 mL	
460-10872-D-5			D	100 mL	100 mL	
460-10872-D-6			T	100 mL	100 mL	
460-10872-D-7			T	100 mL	100 mL	
460-10872-D-8			T	100 mL	100 mL	
460-10920-D-31			T	100 mL	100 mL	
460-10785-C-12			T	100 mL	100 mL	
460-10889-D-1	GW-017338-030110-ACH-001	3010A, 6010B	T	100 mL	100 mL	
460-10889-D-2	GW-017338-030110-ACH-002	3010A, 6010B	T	100 mL	100 mL	
460-10889-D-4	GW-017338-030110-ACH-004	3010A, 6010B	T	100 mL	100 mL	
460-10889-D-5	GW-017338-030210-RAM-005	3010A, 6010B	T	100 mL	100 mL	
460-10889-D-6	EB-017338-030210-ACH-006	3010A, 6010B	T	100 mL	100 mL	
460-10889-D-7	GW-017338-030210-RAM-007	3010A, 6010B	T	100 mL	100 mL	
460-10889-D-8	GW-017338-030210-ACH-008	3010A, 6010B	T	100 mL	100 mL	
460-10889-D-9	GW-017338-030210-RAM-009	3010A, 6010B	T	100 mL	100 mL	
460-10889-D-10	GW-017338-030210-ACH-010	3010A, 6010B	T	100 mL	100 mL	

Lot # of Nitric Acid:	H14023	Oven, Bath or Block Temperature 2:	95 Degrees C
Digestion Tube/Cup Lot #:	A909LS164	Pipette ID:	18
Hot Block ID number:	3	First Start time:	8:00
ID number of the thermometer:	2	First End time:	12:30
Oven, Bath or Block Temperature 1:	95 Degrees C		

Metals Worksheet

Batch Number: 460-31300
Method: 3010A
Analyst: Yang, Qin

Date Open: Mar 05 2010 9:04AM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~460-31300/1		3010A, 6010B		
LCS~460-31300/2		3010A, 6010B		
460-10889-A-3	GW-017338-030110-ACH-003	3010A, 6010B	T	
460-10889-A-3~DU	GW-017338-030110-ACH-003	3010A, 6010B	T	
460-10889-A-3~MS	GW-017338-030110-ACH-003	3010A, 6010B	T	
460-10872-D-1			T	
460-10872-D-2			T	
460-10872-D-3			T	
460-10872-D-4			T	
460-10872-D-5			D	
460-10872-D-6			T	
460-10872-D-7			T	
460-10872-D-8			T	
460-10920-D-31			T	
460-10785-C-12			T	
460-10889-D-1	GW-017338-030110-ACH-001	3010A, 6010B	T	
460-10889-D-2	GW-017338-030110-ACH-002	3010A, 6010B	T	
460-10889-D-4	GW-017338-030110-ACH-004	3010A, 6010B	T	
460-10889-D-5	GW-017338-030210-RAM-005	3010A, 6010B	T	
460-10889-D-6	EB-017338-030210-ACH-006	3010A, 6010B	T	
460-10889-D-7	GW-017338-030210-RAM-007	3010A, 6010B	T	
460-10889-D-8	GW-017338-030210-ACH-008	3010A, 6010B	T	
460-10889-D-9	GW-017338-030210-RAM-009	3010A, 6010B	T	
460-10889-D-10	GW-017338-030210-ACH-010	3010A, 6010B	T	

Batch Comment: 1:1 HCL LOT MPR144

Metals Worksheet

Batch Number: 460-31540
Method: 3010A
Analyst: Yang, Qin

Date Open: Mar 09 2010 9:45AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_ipmsSPK_00003	ME_LCS-int_00017
MB~460-31540/1		3010A, 6010B		100 mL	100 mL		
LCS~460-31540/2		3010A, 6010B		100 mL	100 mL		2 mL
460-11019-D-1		3010A, 6010B	T	100 mL	100 mL		
460-11019-D-1~DU		3010A, 6010B	T	100 mL	100 mL		
460-11019-D-1~MS		3010A, 6010B	T	100 mL	100 mL		2 mL
460-11028-A-10			T	100 mL	100 mL		
460-11019-A-3			T	100 mL	100 mL		
460-11019-C-4			T	100 mL	100 mL		
460-11019-A-5			T	100 mL	100 mL		
460-11019-A-6			T	100 mL	100 mL		
460-10889-D-11	GW-017338-030210-RAM-011	3010A, 6010B	T	100 mL	100 mL		
460-10889-D-12	GW-017338-030210-ACH-012	3010A, 6010B	T	100 mL	100 mL		
460-10889-D-13	GW-017338-030210-ACH-013	3010A, 6010B	T	100 mL	100 mL		
460-10889-D-14	GW-017338-030310-ACH-014	3010A, 6010B	T	100 mL	100 mL		
460-10889-D-15	GW-017338-030310-RAM-015	3010A, 6010B	T	100 mL	100 mL		
460-10889-D-16	GW-017338-030310-ACH-016	3010A, 6010B	T	100 mL	100 mL		
460-10889-D-17	GW-017338-030310-RAM-017	3010A, 6010B	T	100 mL	100 mL		
LCS~460-31540/18				100 mL	100 mL	0.5 mL	
460-11019-A-1			T	100 mL	100 mL		
460-11019-A-1~DU			T	100 mL	100 mL		
460-11019-A-1~MS			T	100 mL	100 mL	0.5 mL	
460-11031-F-1			T	100 mL	100 mL		

Lot # of Nitric Acid:	H14023
Digestion Tube/Cup Lot #:	A909LS164
Hot Block ID number:	5
ID number of the thermometer:	2
Oven, Bath or Block Temperature 1:	95 Degrees C
Oven, Bath or Block Temperature 2:	95 Degrees C
Pipette ID:	18
First Start time:	8:30
First End time:	13:00

Metals Worksheet

Batch Number: 460-31540
Method: 3010A
Analyst: Yang, Qin

Date Open: Mar 09 2010 9:45AM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~460-31540/1		3010A, 6010B		
LCS~460-31540/2		3010A, 6010B		
460-11019-D-1		3010A, 6010B	T	
460-11019-D-1~DU		3010A, 6010B	T	
460-11019-D-1~MS		3010A, 6010B	T	
460-11028-A-10			T	
460-11019-A-3			T	
460-11019-C-4			T	
460-11019-A-5			T	
460-11019-A-6			T	
460-10889-D-11	GW-017338-030210-RAM-011	3010A, 6010B	T	
460-10889-D-12	GW-017338-030210-ACH-012	3010A, 6010B	T	
460-10889-D-13	GW-017338-030210-ACH-013	3010A, 6010B	T	
460-10889-D-14	GW-017338-030310-ACH-014	3010A, 6010B	T	
460-10889-D-15	GW-017338-030310-RAM-015	3010A, 6010B	T	
460-10889-D-16	GW-017338-030310-ACH-016	3010A, 6010B	T	
460-10889-D-17	GW-017338-030310-RAM-017	3010A, 6010B	T	
LCS~460-31540/18				
460-11019-A-1			T	
460-11019-A-1~DU			T	
460-11019-A-1~MS			T	
460-11031-F-1			T	

Batch Comment: 1:1 HCL LOT MPR144

Metals Worksheet

Batch Number: 460-31650
Method: 3010A
Analyst: Yang, Qin

Date Open: Mar 10 2010 9:20AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_LCS-int_00017
MB~460-31650/1		3010A, 6010B		100 mL	100 mL	
LCS~460-31650/2		3010A, 6010B		100 mL	100 mL	2 mL
460-10889-D-18	GW-017338-030310-ACH-018	3010A, 6010B	T	100 mL	100 mL	
460-10889-D-18~DU	GW-017338-030310-ACH-018	3010A, 6010B	T	100 mL	100 mL	
460-10889-D-18~MS	GW-017338-030310-ACH-018	3010A, 6010B	T	100 mL	100 mL	2 mL
460-10889-D-19	GW-017338-030310-RAM-019	3010A, 6010B	T	100 mL	100 mL	
460-10889-D-20	GW-017338-030310-ACH-020	3010A, 6010B	T	100 mL	100 mL	
460-10889-D-21	GW-017338-030310-RAM-021	3010A, 6010B	T	100 mL	100 mL	
460-11034-F-1			T	100 mL	100 mL	
460-11034-C-2			T	100 mL	100 mL	
460-11034-G-3			T	100 mL	100 mL	
460-11034-B-6			T	100 mL	100 mL	
460-11034-B-7			T	100 mL	100 mL	

Lot # of Nitric Acid: H14023
Digestion Tube/Cup Lot #: A909LS164
Hot Block ID number: 5
ID number of the thermometer: 2
Oven, Bath or Block Temperature 1: 95 Degrees C
Oven, Bath or Block Temperature 2: 95 Degrees C
Pipette ID: 18
First Start time: 8:30
First End time: 13:00

Metals Worksheet

Batch Number: 460-31650
Method: 3010A
Analyst: Yang, Qin

Date Open: Mar 10 2010 9:20AM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~460-31650/1		3010A, 6010B		
LCS~460-31650/2		3010A, 6010B		
460-10889-D-18	GW-017338-030310-ACH-018	3010A, 6010B	T	
460-10889-D-18~DU	GW-017338-030310-ACH-018	3010A, 6010B	T	
460-10889-D-18~MS	GW-017338-030310-ACH-018	3010A, 6010B	T	
460-10889-D-19	GW-017338-030310-RAM-019	3010A, 6010B	T	
460-10889-D-20	GW-017338-030310-ACH-020	3010A, 6010B	T	
460-10889-D-21	GW-017338-030310-RAM-021	3010A, 6010B	T	
460-11034-F-1			T	
460-11034-C-2			T	
460-11034-G-3			T	
460-11034-B-6			T	
460-11034-B-7			T	

Batch Comment: 1:1 HCL LOT MPR144

Shipping and Receiving Documents

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

03/24/2010

Name (for report and invoice): Shannon Richardson / Sue Scrocchi
Company: CRA
Address: 261 Martindale Road
City: St. Catherines State: ON
Phone: 905 682 0510 Fax:

Samplers Name (Printed): Amanda Hunter / R. Mehalick
P. O. #: SSOW # E0091009

Site/Project Identification: GM Wilmington Former Ass. Plant
State (Location of site): NJ: ☐ NY: ☐ Other: ☒ E
Regulatory Program:

Analysis Turnaround Time
Standard ☑
Rush Chrages Authorized For:
2 Week ☐
1 Week ☐
Other ☐ _____

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No:
Job No: 10889

Sample Identification	Date	Time	Matrix	No. of Cont.	VOCs	Metals	BNAs	8270 SIM 4 analytes scan 3-4 gal	Sample Numbers
GW-017338-030210-ACH-001	3/01/10	1210	GW	6	3	1	2	X	1
GW-017338-030210-ACH-002	3/01/10	1315	GW	6	3	1	2		2
GW-017338-030210-ACH-003	3/01/10	1400	GW	18	9	3	6		3
GW-017338-030110-ACH-004	3/01/10	1545	GW	~~16~~ 6	3	1	2		4
GW-017338-030210-RAM-005	3/02/10	1210	GW	6	3	1	2		5
EB-017338-030210-ACH-006	3/02/10	1230	EB	6	3	1	2		6
GW-017338-030210-RAM-007	3/02/10	1310	GW	6	3	1	2		7
GW-017338-030210-ACH-008	3/02/10	135	GW	6	3	1	2		8
GW-017338-030210-RAM-009	3/02/10	1440	GW	6	3	1	2		9
GW-017338-030210-ACH-010	3/02/10	1320	GW	6	3	1	2	↓	10

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other None, 7 = Other _____

	VOCs	Metals	BNAs		
Soil:	~~2~~				
Water:	1,2	1,4	1,6		

Special Instructions

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1) Amanda Hunter	CRA	3/03/10 10:05	1)	TestAmerica
2)	TestAm	3/3/10 1900	2)	TestAmerica
3)			3)	
4)			4)	

2.1°, 3.1°
3.2°, 2.9°
2.3°
IR 70

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).
Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice) Sue Scracchi / Shannon Richardson	Samplers Name (Printed) A. Hunter / R. Mehalick	Site/Project Identification GM Wilmington Former Ass. Plant
Company CRA	P. O. # SSOW # E0091009	State (Location of site): NJ: ☐ NY: ☐ Other: DE
Address 261 Martindale Road	Analysis Turnaround Time: Standard ☑	Regulatory Program:
City St. Catherines State ON	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone 905 682 0510 Fax		

Sample Identification	Date	Time	Matrix	No. of Cont.	VOC's	Metals	BNA's	8270 SIM ranked per S.Scracchi 3/11/10	LAB USE ONLY Project No: / Job No: 10889 / Sample Numbers
GW-017338-030210-RAM-011	3/02/10	~~1345~~	GW	6	3	1	2	X	11
GW-017338-030210-ACH-012	3/02/10	1435	GW	6	3	1	2		12
GW-017338-030210-ACH-013	3/02/10	1545	GW	6	3	1	2		13
GW-017338-030310-ACH-014	3/03/10	0955	GW	6	3	1	2		14
GW-017338-030310-RAM-015	3/03/10	1100	GW	6	3	1	2		15
GW-017338-030310-ACH-016	3/03/10	1100	GW	6	3	1	2		16
GW-017338-030310-RAM-017	3/03/10	1130	GW	6	3	1	2		17
GW-017338-030310-ACH-018	3/03/10	1200	GW	6	3	1	2		18
GW-017338-030310-RAM-019	3/03/10	1255	GW	6	3	1	2		19
GW-017338-030310-ACH-020	3/03/10	1340	GW	6	3	1	2		20
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH 6 = Other None, 7 = Other _____				Soil:					
				Water:	1,2	1,4	1,6		

Special Instructions

Water Metals Filtered (Yes/No)? _____

Relinquished by 1)	Company CRA	Date / Time 3/03/10 16:05	Received by 1)	Company Test America
Relinquished by 2)	Company Test America	Date / Time 3/3/10 19:00	Received by 2)	Company Test America, Inc.
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): Sue Scrocchi / Shannon Richardson	Samplers Name (Printed): A. Hunter / R. Mehalick	Site/Project Identification: Former GM Wilmington assembly Plant
Company: CRA	P. O. #: SSOW # EU091009	State (Location of site): NJ: ☐ NY: ☐ Other: DE
Address: 261 Martindale Road	Analysis Turnaround Time: Standard ☑	Regulatory Program:
City: St Catherines State: ON	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	LAB USE ONLY Project No:
Phone: 905 682 0510 Fax:		Job No: 10889

Sample Identification	Date	Time	Matrix	No. of Cont.	VOCs	Metals	BNAs 8270 SIM 3 ml g	Sample Numbers
GW-017338-030310-RAM-021	3/03/10	1400	GW	6	3	1	2 X g	21
TRIPBLANK-017338-030310-ACH-001	3/03/10	—	W	3	3			22
~~FB~~ g	~~3/4/10 g~~			~~3~~	~~3 g~~			~~23 g~~

Added A.H. 3/4/10

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other None, 7 = Other _____

Soil:			
Water:	1,2	1,4	1,6

Special Instructions _____ Water Metals Filtered (Yes/No)? _____

Relinquished by: Amanda Hunter	Company: CRA	Date / Time: 3/03/10 16:05	Received by 1):	Company: TestAmerica
Relinquished by 2):	Company: TestAmerica	Date / Time: 3/3/10 19:00	Received by 2):	Company: Test America, Inc.
Relinquished by 3):	Company:	Date / Time:	Received by 3):	Company:
Relinquished by 4):	Company:	Date / Time:	Received by 4):	Company:

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).
Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

Login Sample Receipt Check List

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-10889-1

Login Number: 10889

List Source: TestAmerica Edison

Creator: Villadarez, Gerson Timothy S

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not Received
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.1°,3.1°,3.2°,2.9°,2.3° C IR 70
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-13279-1

Job Description: GM Wilmington

For:
Conestoga-Rovers & Associates, Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, NY 14304

Attention: Ms. Sue Scrocchi

Approved for release.
Joy Kelly
Project Manager II
5/27/2010 5:36 PM

Joy Kelly
Project Manager II
joy.kelly@testamericainc.com
05/27/2010

cc: Mr. Greg Carli

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

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CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: GM Wilmington

Report Number: 460-13279-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 05/18/2010; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.7, 2.8 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

TOTAL METALS

Samples 460-13279-1 through 460-13279-5 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared and analyzed on 05/20/2010.

Sodium was detected in method blank MB 460-37871/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

The matrix spike (MS) recoveries for aluminum in batch 37871 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Due to the high concentration of iron, sodium, the matrix spike (MS) for batch 37871 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-13279-1 through 460-13279-5 were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 05/19/2010.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-13279-1 through 460-13279-6 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 05/24/2010 and 05/25/2010.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 38207 were outside control limits for 1,1,2-Trichloroethane. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

POLYCYCLIC AROMATIC HYDROCARBONS (PAHS)

Samples 460-13279-1 through 460-13279-5 were analyzed for polycyclic aromatic hydrocarbons (PAHs) in accordance with EPA SW-846 Method 8270C SIM. The samples were prepared on 05/20/2010 and analyzed on 05/21/2010.

No difficulties were encountered during the PAH analyses.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-13279-1 through 460-13279-5 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 05/20/2010 and analyzed on 05/21/2010.

4-Chloroaniline, Caprolactam and Hexachlorobutadiene failed the recovery criteria low for LCS 460-37941/2-A. Benzaldehyde failed the recovery criteria high.

3-Nitroaniline and 4-Chloroaniline failed the recovery criteria low for the MS of sample 460-13279-2 in batch 460-38150. Benzaldehyde failed the recovery criteria high.

3-Nitroaniline, 4-Chloroaniline, Bis(2-chloroethyl)ether and Caprolactam failed the recovery criteria low for the MSD of sample 460-13279-2 in batch 460-38207.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-13279-1EB	EB-017338-051810-ACH-01	Water	05/18/2010 0840	05/18/2010 1905
460-13279-2	GW-017338-051810-ACH-02	GW	05/18/2010 0930	05/18/2010 1905
460-13279-2DU	GW-017338-051810-ACH-02	GW	05/18/2010 0930	05/18/2010 1905
460-13279-2MS	GW-017338-051810-ACH-02	GW	05/18/2010 0930	05/18/2010 1905
460-13279-2MSD	GW-017338-051810-ACH-02	GW	05/18/2010 0930	05/18/2010 1905
460-13279-3	GW-017338-051810-ACH-03	GW	05/18/2010 1100	05/18/2010 1905
460-13279-4	GW-017338-051810-ACH-04	GW	05/18/2010 1110	05/18/2010 1905
460-13279-5	GW-017338-051810-ACH-05	GW	05/18/2010 1200	05/18/2010 1905
460-13279-6TB	Trip Blank-017338-051810-ACH-06	Water	05/18/2010 1200	05/18/2010 1905

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-13279-1EB	**EB-017338-051810-ACH-01**					
Sodium		355	J B	5000	ug/L	6010B
460-13279-2	**GW-017338-051810-ACH-02**					
1,2-Dichlorobenzene		0.27	J	1.0	ug/L	8260B
Methyl tert-butyl ether		4.6		1.0	ug/L	8260B
Ethylbenzene		0.33	J	1.0	ug/L	8260B
Cyclohexane		2.8		1.0	ug/L	8260B
Benzene		4.5		1.0	ug/L	8260B
Methylcyclohexane		11		1.0	ug/L	8260B
Chlorobenzene		2.9		1.0	ug/L	8260B
Xylenes, Total		1.2	J	3.0	ug/L	8260B
Isopropylbenzene		6.0		1.0	ug/L	8260B
1,4-Dichlorobenzene		0.28	J	1.0	ug/L	8260B
Naphthalene		110		10	ug/L	8270C
Aluminum		5190		200	ug/L	6010B
Barium		474		200	ug/L	6010B
Calcium		58900		5000	ug/L	6010B
Chromium		3.2	J	10.0	ug/L	6010B
Cobalt		20.3	J	50.0	ug/L	6010B
Iron		74500		150	ug/L	6010B
Lead		7.0		5.0	ug/L	6010B
Magnesium		36200		5000	ug/L	6010B
Manganese		1990		15.0	ug/L	6010B
Nickel		5.0	J	40.0	ug/L	6010B
Potassium		3600	J	5000	ug/L	6010B
Sodium		93900	B	5000	ug/L	6010B
Vanadium		5.8	J	50.0	ug/L	6010B
Zinc		10.5	J	30.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-13279-3	**GW-017338-051810-ACH-03**					
Methyl tert-butyl ether		0.44	J	1.0	ug/L	8260B
Tetrachloroethene		0.51	J	1.0	ug/L	8260B
Aluminum		5410		200	ug/L	6010B
Barium		222		200	ug/L	6010B
Calcium		48400		5000	ug/L	6010B
Chromium		8.3	J	10.0	ug/L	6010B
Cobalt		3.9	J	50.0	ug/L	6010B
Copper		17.1	J	25.0	ug/L	6010B
Iron		19000		150	ug/L	6010B
Lead		7.6		5.0	ug/L	6010B
Magnesium		22700		5000	ug/L	6010B
Manganese		296		15.0	ug/L	6010B
Nickel		5.5	J	40.0	ug/L	6010B
Potassium		7620		5000	ug/L	6010B
Silver		1.5	J	10.0	ug/L	6010B
Sodium		126000	B	5000	ug/L	6010B
Vanadium		8.4	J	50.0	ug/L	6010B
Zinc		15.4	J	30.0	ug/L	6010B
Mercury		0.65		0.20	ug/L	7470A
460-13279-4	**GW-017338-051810-ACH-04**					
Methyl tert-butyl ether		0.40	J	1.0	ug/L	8260B
Tetrachloroethene		0.41	J	1.0	ug/L	8260B
Aluminum		7580		200	ug/L	6010B
Barium		250		200	ug/L	6010B
Calcium		48300		5000	ug/L	6010B
Chromium		11.4		10.0	ug/L	6010B
Cobalt		5.7	J	50.0	ug/L	6010B
Copper		18.0	J	25.0	ug/L	6010B
Iron		26600		150	ug/L	6010B
Lead		9.5		5.0	ug/L	6010B
Magnesium		22700		5000	ug/L	6010B
Manganese		278		15.0	ug/L	6010B
Nickel		7.3	J	40.0	ug/L	6010B
Potassium		7610		5000	ug/L	6010B
Silver		1.1	J	10.0	ug/L	6010B
Sodium		124000	B	5000	ug/L	6010B
Vanadium		12.4	J	50.0	ug/L	6010B
Zinc		25.8	J	30.0	ug/L	6010B
Mercury		0.72		0.20	ug/L	7470A

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-13279-5	**GW-017338-051810-ACH-05**					
Methyl tert-butyl ether		0.27	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.44	J	1.0	ug/L	8260B
Trichloroethene		0.44	J	1.0	ug/L	8260B
Aluminum		4460		200	ug/L	6010B
Arsenic		5.2		5.0	ug/L	6010B
Barium		219		200	ug/L	6010B
Calcium		41700		5000	ug/L	6010B
Chromium		5.2	J	10.0	ug/L	6010B
Cobalt		3.1	J	50.0	ug/L	6010B
Copper		13.3	J	25.0	ug/L	6010B
Iron		8700		150	ug/L	6010B
Lead		6.3		5.0	ug/L	6010B
Magnesium		12400		5000	ug/L	6010B
Manganese		454		15.0	ug/L	6010B
Nickel		3.5	J	40.0	ug/L	6010B
Potassium		4470	J	5000	ug/L	6010B
Sodium		73800	B	5000	ug/L	6010B
Vanadium		8.4	J	50.0	ug/L	6010B
Zinc		10.0	J	30.0	ug/L	6010B

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organics (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B
Semivolatile Organics (GC/MS)	TAL EDI	SW846 8270C	
Semivolatile Organic Compounds (GC/MS SIM)	TAL EDI	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Total Metals	TAL EDI		SW846 3010A
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A

Lab References:

TAL EDI = TestAmerica Edison

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Method	Analyst	Analyst ID
SW846 8260B	Martinez, Eddie	EM
SW846 8270C	Asfaw, Abebaye A.	AAA
SW846 8270C	Zhao, Chunxin	CZ
SW846 6010B	Chang, Churn Der	CDC
SW846 7470A	Staib, Thomas	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **EB-017338-051810-ACH-01**

Lab Sample ID: 460-13279-1EB Date Sampled: 05/18/2010 0840
Client Matrix: Water Date Received: 05/18/2010 1905

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-38207		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d19265.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/24/2010 2144			Final Weight/Volume:	5 mL
Date Prepared:	05/24/2010 2144				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **EB-017338-051810-ACH-01**

Lab Sample ID: 460-13279-1EB Date Sampled: 05/18/2010 0840
Client Matrix: Water Date Received: 05/18/2010 1905

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-38207		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d19265.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/24/2010 2144			Final Weight/Volume:	5 mL
Date Prepared:	05/24/2010 2144				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 122
4-Bromofluorobenzene	99		69 - 135
Toluene-d8 (Surr)	100		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **EB-017338-051810-ACH-01**

Lab Sample ID: 460-13279-1EB Date Sampled: 05/18/2010 0840
Client Matrix: Water Date Received: 05/18/2010 1905

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-38207		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d19265.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/24/2010 2144			Final Weight/Volume:	5 mL
Date Prepared:	05/24/2010 2144				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-02**

Lab Sample ID: 460-13279-2 Date Sampled: 05/18/2010 0930
Client Matrix: GW Date Received: 05/18/2010 1905

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-38207		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d19266.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/24/2010 2209			Final Weight/Volume:	5 mL
Date Prepared:	05/24/2010 2209				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	0.27	J	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	4.6		0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	0.33	J	0.25	1.0
Cyclohexane	2.8		0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	4.5		0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	11		0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	2.9		0.16	1.0
Xylenes, Total	1.2	J	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	6.0		0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-02**

Lab Sample ID: 460-13279-2 Date Sampled: 05/18/2010 0930
Client Matrix: GW Date Received: 05/18/2010 1905

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-38207		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d19266.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/24/2010 2209			Final Weight/Volume:	5 mL
Date Prepared:	05/24/2010 2209				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	0.28	J	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 122
4-Bromofluorobenzene	101		69 - 135
Toluene-d8 (Surr)	103		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-02**

Lab Sample ID: 460-13279-2 Date Sampled: 05/18/2010 0930
Client Matrix: GW Date Received: 05/18/2010 1905

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-38207		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d19266.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/24/2010 2209			Final Weight/Volume:	5 mL
Date Prepared:	05/24/2010 2209				

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
496-11-7	Indane	10.18	190	J N
	Diethylbenzene isomer	10.23	24	J
	Ethyldimethylbenzene isomer	10.53	120	J
	C10H12 Aromatic	10.60	24	J
	Tetramethylbenzene isomer	10.82	100	J
	2,3-dihydro-methyl-1H-Indene isomer	11.01	16	J
	2,3-dihydro-methyl-1H-Indene isomer-1	11.14	170	J
	Unknown Aromatic	11.38	12	J
	2,3-dihydro-dimethyl-1H-Indene isomer	11.45	11	J
91-20-3	Naphthalene	11.67	220	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-03**

Lab Sample ID: 460-13279-3 Date Sampled: 05/18/2010 1100
Client Matrix: GW Date Received: 05/18/2010 1905

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-38207		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d19271.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/25/2010 0010			Final Weight/Volume:	5 mL
Date Prepared:	05/25/2010 0010				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	0.44	J	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	0.51	J	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-03**

Lab Sample ID: 460-13279-3 Date Sampled: 05/18/2010 1100
Client Matrix: GW Date Received: 05/18/2010 1905

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-38207	Instrument ID: VOAMS4
Preparation:	5030B		Lab File ID: d19271.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/25/2010 0010		Final Weight/Volume: 5 mL
Date Prepared:	05/25/2010 0010		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 122
4-Bromofluorobenzene	99		69 - 135
Toluene-d8 (Surr)	100		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-03**

Lab Sample ID: 460-13279-3 Date Sampled: 05/18/2010 1100
Client Matrix: GW Date Received: 05/18/2010 1905

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-38207	Instrument ID: VOAMS4
Preparation:	5030B		Lab File ID: d19271.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/25/2010 0010		Final Weight/Volume: 5 mL
Date Prepared:	05/25/2010 0010		

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-04**

Lab Sample ID: 460-13279-4 Date Sampled: 05/18/2010 1110
Client Matrix: GW Date Received: 05/18/2010 1905

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-38207		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d19272.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/25/2010 0035			Final Weight/Volume:	5 mL
Date Prepared:	05/25/2010 0035				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	0.40	J	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	0.41	J	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-04**

Lab Sample ID: 460-13279-4 Date Sampled: 05/18/2010 1110
Client Matrix: GW Date Received: 05/18/2010 1905

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-38207	Instrument ID: VOAMS4
Preparation:	5030B		Lab File ID: d19272.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/25/2010 0035		Final Weight/Volume: 5 mL
Date Prepared:	05/25/2010 0035		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 122
4-Bromofluorobenzene	99		69 - 135
Toluene-d8 (Surr)	101		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-04**

Lab Sample ID: 460-13279-4 Date Sampled: 05/18/2010 1110
Client Matrix: GW Date Received: 05/18/2010 1905

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-38207	Instrument ID: VOAMS4
Preparation:	5030B		Lab File ID: d19272.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/25/2010 0035		Final Weight/Volume: 5 mL
Date Prepared:	05/25/2010 0035		

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-05**

Lab Sample ID: 460-13279-5 Date Sampled: 05/18/2010 1200
Client Matrix: GW Date Received: 05/18/2010 1905

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-38207	Instrument ID: VOAMS4
Preparation:	5030B		Lab File ID: d19273.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/25/2010 0059		Final Weight/Volume: 5 mL
Date Prepared:	05/25/2010 0059		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	0.27	J	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	0.44	J	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	0.44	J	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-05**

Lab Sample ID: 460-13279-5 Date Sampled: 05/18/2010 1200
Client Matrix: GW Date Received: 05/18/2010 1905

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-38207	Instrument ID: VOAMS4
Preparation:	5030B		Lab File ID: d19273.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/25/2010 0059		Final Weight/Volume: 5 mL
Date Prepared:	05/25/2010 0059		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 122
4-Bromofluorobenzene	100		69 - 135
Toluene-d8 (Surr)	100		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-05**

Lab Sample ID: 460-13279-5 Date Sampled: 05/18/2010 1200
Client Matrix: GW Date Received: 05/18/2010 1905

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-38207	Instrument ID: VOAMS4
Preparation:	5030B		Lab File ID: d19273.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/25/2010 0059		Final Weight/Volume: 5 mL
Date Prepared:	05/25/2010 0059		

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **Trip Blank-017338-051810-ACH-06**

Lab Sample ID: 460-13279-6TB Date Sampled: 05/18/2010 1200
Client Matrix: Water Date Received: 05/18/2010 1905

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-38207		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d19264.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/24/2010 2120			Final Weight/Volume:	5 mL
Date Prepared:	05/24/2010 2120				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **Trip Blank-017338-051810-ACH-06**

Lab Sample ID: 460-13279-6TB Date Sampled: 05/18/2010 1200
Client Matrix: Water Date Received: 05/18/2010 1905

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-38207		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d19264.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/24/2010 2120			Final Weight/Volume:	5 mL
Date Prepared:	05/24/2010 2120				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 122
4-Bromofluorobenzene	99		69 - 135
Toluene-d8 (Surr)	101		69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **Trip Blank-017338-051810-ACH-06**

Lab Sample ID: 460-13279-6TB Date Sampled: 05/18/2010 1200
Client Matrix: Water Date Received: 05/18/2010 1905

8260B Volatile Organics (GC/MS)

Method:	8260B	Analysis Batch: 460-38207		Instrument ID:	VOAMS4
Preparation:	5030B			Lab File ID:	d19264.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/24/2010 2120			Final Weight/Volume:	5 mL
Date Prepared:	05/24/2010 2120				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **EB-017338-051810-ACH-01**

Lab Sample ID: 460-13279-1EB Date Sampled: 05/18/2010 0840
Client Matrix: Water Date Received: 05/18/2010 1905

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-38150		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-37941		Lab File ID:	z10501.d
Dilution:	1.0			Initial Weight/Volume:	970 mL
Date Analyzed:	05/21/2010 1212			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U *	1.4	10
Bis(2-chloroethyl)ether	1.0	U	0.42	1.0
2,2'-oxybis[1-chloropropane]	10	U	3.3	10
Acetophenone	10	U	4.4	10
N-Nitrosodi-n-propylamine	1.0	U	0.33	1.0
Hexachloroethane	1.0	U	0.52	1.0
Nitrobenzene	1.0	U	0.42	1.0
Isophorone	10	U	3.7	10
Bis(2-chloroethoxy)methane	10	U	3.6	10
Naphthalene	10	U	3.8	10
4-Chloroaniline	10	U *	2.2	10
Hexachlorobutadiene	2.1	U *	0.97	2.1
Caprolactam	10	U *	0.52	10
2-Methylnaphthalene	10	U	3.2	10
Hexachlorocyclopentadiene	10	U	4.7	10
1,1'-Biphenyl	10	U	5.6	10
2-Chloronaphthalene	10	U	3.9	10
2-Nitroaniline	21	U	5.9	21
Dimethyl phthalate	10	U	3.4	10
2,6-Dinitrotoluene	2.1	U	0.61	2.1
Acenaphthylene	10	U	4.2	10
3-Nitroaniline	21	U	4.5	21
Acenaphthene	10	U	3.9	10
Dibenzofuran	10	U	3.7	10
2,4-Dinitrotoluene	2.1	U	0.44	2.1
Diethyl phthalate	10	U	3.9	10
Fluorene	10	U	3.4	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
4-Nitroaniline	21	U	4.1	21
N-Nitrosodiphenylamine	10	U	4.0	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Atrazine	10	U	4.9	10
Phenanthrene	10	U	3.7	10
Anthracene	10	U	3.7	10
Carbazole	10	U	3.2	10
Di-n-butyl phthalate	10	U	2.9	10
Fluoranthene	10	U	2.7	10
Pyrene	10	U	4.4	10
Butyl benzyl phthalate	10	U	2.9	10
3,3'-Dichlorobenzidine	21	U	7.2	21
Chrysene	10	U	3.9	10
Bis(2-ethylhexyl) phthalate	10	U	2.5	10
Di-n-octyl phthalate	10	U	2.0	10
Benzo[k]fluoranthene	1.0	U	0.31	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **EB-017338-051810-ACH-01**

Lab Sample ID: 460-13279-1EB Date Sampled: 05/18/2010 0840
Client Matrix: Water Date Received: 05/18/2010 1905

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-38150		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-37941		Lab File ID:	z10501.d
Dilution:	1.0			Initial Weight/Volume:	970 mL
Date Analyzed:	05/21/2010 1212			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[g,h,i]perylene	10	U	2.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	86		50 - 119
2-Fluorobiphenyl	82		61 - 112
2-Fluorophenol (Surr)	38		14 - 68
Nitrobenzene-d5 (Surr)	85		61 - 120
Phenol-d5 (Surr)	26		9 - 48
Terphenyl-d14 (Surr)	95		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **EB-017338-051810-ACH-01**

Lab Sample ID: 460-13279-1EB Date Sampled: 05/18/2010 0840
Client Matrix: Water Date Received: 05/18/2010 1905

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-38150		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-37941		Lab File ID:	z10501.d
Dilution:	1.0			Initial Weight/Volume:	970 mL
Date Analyzed:	05/21/2010 1212			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **EB-017338-051810-ACH-01**

Lab Sample ID: 460-13279-1EB Date Sampled: 05/18/2010 0840
Client Matrix: Water Date Received: 05/18/2010 1905

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-38176		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-37941		Lab File ID:	h88379.d
Dilution:	1.0			Initial Weight/Volume:	970 mL
Date Analyzed:	05/21/2010 1042			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.052	U	0.021	0.052
Benzo[a]pyrene	0.052	U	0.031	0.052
Benzo[b]fluoranthene	0.052	U	0.041	0.052
Hexachlorobenzene	0.021	U	0.010	0.021

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-02**

Lab Sample ID: 460-13279-2 Date Sampled: 05/18/2010 0930
Client Matrix: GW Date Received: 05/18/2010 1905

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-38150		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-37941		Lab File ID:	z10498.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Date Analyzed:	05/21/2010 1058			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U *	1.4	10
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
2,2'-oxybis[1-chloropropane]	10	U	3.2	10
Acetophenone	10	U	4.3	10
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Hexachloroethane	1.0	U	0.51	1.0
Nitrobenzene	1.0	U	0.41	1.0
Isophorone	10	U	3.6	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
Naphthalene	110		3.7	10
4-Chloroaniline	10	U *	2.1	10
Hexachlorobutadiene	2.0	U *	0.95	2.0
Caprolactam	10	U *	0.51	10
2-Methylnaphthalene	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
1,1'-Biphenyl	10	U	5.5	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.8	20
Dimethyl phthalate	10	U	3.3	10
2,6-Dinitrotoluene	2.0	U	0.60	2.0
Acenaphthylene	10	U	4.1	10
3-Nitroaniline	20	U	4.4	20
Acenaphthene	10	U	3.8	10
Dibenzofuran	10	U	3.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
Diethyl phthalate	10	U	3.9	10
Fluorene	10	U	3.3	10
4-Chlorophenyl phenyl ether	10	U	4.0	10
4-Nitroaniline	20	U	4.0	20
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	4.0	10
Atrazine	10	U	4.8	10
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.7	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Chrysene	10	U	3.8	10
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-02**

Lab Sample ID: 460-13279-2 Date Sampled: 05/18/2010 0930
Client Matrix: GW Date Received: 05/18/2010 1905

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-38150		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-37941		Lab File ID:	z10498.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Date Analyzed:	05/21/2010 1058			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[g,h,i]perylene	10	U	2.7	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	100		50 - 119
2-Fluorobiphenyl	82		61 - 112
2-Fluorophenol (Surr)	36		14 - 68
Nitrobenzene-d5 (Surr)	82		61 - 120
Phenol-d5 (Surr)	24		9 - 48
Terphenyl-d14 (Surr)	90		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-02**

Lab Sample ID: 460-13279-2 Date Sampled: 05/18/2010 0930
Client Matrix: GW Date Received: 05/18/2010 1905

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-38150		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-37941		Lab File ID:	z10498.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Date Analyzed:	05/21/2010 1058			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **7**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
496-11-7	Indane	4.67	81	J N
	Diethylbenzene isomer	4.80	14	J
	Ethyldimethylbenzene isomer	5.02	64	J
	Tetramethylbenzene isomer	5.26	41	J
	C10H12 Aromatic	5.51	61	J
	Unknown	8.40	12	J
80-05-7	Phenol, 4,4''-(1-methylethylidene)bis-	10.46	100	J N

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-02**

Lab Sample ID: 460-13279-2 Date Sampled: 05/18/2010 0930
Client Matrix: GW Date Received: 05/18/2010 1905

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-38176		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-37941		Lab File ID:	h88380.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Date Analyzed:	05/21/2010 1108			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.051	U	0.020	0.051
Benzo[a]pyrene	0.051	U	0.030	0.051
Benzo[b]fluoranthene	0.051	U	0.040	0.051
Hexachlorobenzene	0.020	U	0.010	0.020

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-03**

Lab Sample ID: 460-13279-3 Date Sampled: 05/18/2010 1100
Client Matrix: GW Date Received: 05/18/2010 1905

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-38150		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-37941		Lab File ID:	z10502.d
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/21/2010 1237			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U *	1.4	10
Bis(2-chloroethyl)ether	1.0	U	0.43	1.0
2,2'-oxybis[1-chloropropane]	10	U	3.3	10
Acetophenone	10	U	4.5	10
N-Nitrosodi-n-propylamine	1.0	U	0.33	1.0
Hexachloroethane	1.0	U	0.52	1.0
Nitrobenzene	1.0	U	0.43	1.0
Isophorone	10	U	3.7	10
Bis(2-chloroethoxy)methane	10	U	3.6	10
Naphthalene	10	U	3.8	10
4-Chloroaniline	10	U *	2.2	10
Hexachlorobutadiene	2.1	U *	0.98	2.1
Caprolactam	10	U *	0.52	10
2-Methylnaphthalene	10	U	3.2	10
Hexachlorocyclopentadiene	10	U	4.8	10
1,1'-Biphenyl	10	U	5.6	10
2-Chloronaphthalene	10	U	3.9	10
2-Nitroaniline	21	U	5.9	21
Dimethyl phthalate	10	U	3.4	10
2,6-Dinitrotoluene	2.1	U	0.61	2.1
Acenaphthylene	10	U	4.2	10
3-Nitroaniline	21	U	4.5	21
Acenaphthene	10	U	3.9	10
Dibenzofuran	10	U	3.7	10
2,4-Dinitrotoluene	2.1	U	0.45	2.1
Diethyl phthalate	10	U	4.0	10
Fluorene	10	U	3.4	10
4-Chlorophenyl phenyl ether	10	U	4.1	10
4-Nitroaniline	21	U	4.1	21
N-Nitrosodiphenylamine	10	U	4.0	10
4-Bromophenyl phenyl ether	10	U	4.1	10
Atrazine	10	U	5.0	10
Phenanthrene	10	U	3.7	10
Anthracene	10	U	3.7	10
Carbazole	10	U	3.2	10
Di-n-butyl phthalate	10	U	2.9	10
Fluoranthene	10	U	2.8	10
Pyrene	10	U	4.4	10
Butyl benzyl phthalate	10	U	2.9	10
3,3'-Dichlorobenzidine	21	U	7.3	21
Chrysene	10	U	3.9	10
Bis(2-ethylhexyl) phthalate	10	U	2.5	10
Di-n-octyl phthalate	10	U	2.0	10
Benzo[k]fluoranthene	1.0	U	0.31	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.17	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-03**

Lab Sample ID: 460-13279-3 Date Sampled: 05/18/2010 1100
Client Matrix: GW Date Received: 05/18/2010 1905

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-38150		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-37941		Lab File ID:	z10502.d
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/21/2010 1237			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[g,h,i]perylene	10	U	2.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	84		50 - 119
2-Fluorobiphenyl	79		61 - 112
2-Fluorophenol (Surr)	34		14 - 68
Nitrobenzene-d5 (Surr)	80		61 - 120
Phenol-d5 (Surr)	25		9 - 48
Terphenyl-d14 (Surr)	90		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-03**

Lab Sample ID: 460-13279-3 Date Sampled: 05/18/2010 1100
Client Matrix: GW Date Received: 05/18/2010 1905

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-38150		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-37941		Lab File ID:	z10502.d
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/21/2010 1237			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-03**

Lab Sample ID: 460-13279-3 Date Sampled: 05/18/2010 1100
Client Matrix: GW Date Received: 05/18/2010 1905

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-38176		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-37941		Lab File ID:	h88381.d
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/21/2010 1134			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.052	U	0.021	0.052
Benzo[a]pyrene	0.052	U	0.031	0.052
Benzo[b]fluoranthene	0.052	U	0.042	0.052
Hexachlorobenzene	0.021	U	0.010	0.021

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-04**

Lab Sample ID: 460-13279-4 Date Sampled: 05/18/2010 1110
Client Matrix: GW Date Received: 05/18/2010 1905

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-38150		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-37941		Lab File ID:	z10503.d
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/21/2010 1301			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	10	U *	1.4	10
Bis(2-chloroethyl)ether	1.0	U	0.43	1.0
2,2'-oxybis[1-chloropropane]	10	U	3.3	10
Acetophenone	10	U	4.5	10
N-Nitrosodi-n-propylamine	1.0	U	0.33	1.0
Hexachloroethane	1.0	U	0.52	1.0
Nitrobenzene	1.0	U	0.43	1.0
Isophorone	10	U	3.7	10
Bis(2-chloroethoxy)methane	10	U	3.6	10
Naphthalene	10	U	3.8	10
4-Chloroaniline	10	U *	2.2	10
Hexachlorobutadiene	2.1	U *	0.98	2.1
Caprolactam	10	U *	0.52	10
2-Methylnaphthalene	10	U	3.2	10
Hexachlorocyclopentadiene	10	U	4.8	10
1,1'-Biphenyl	10	U	5.6	10
2-Chloronaphthalene	10	U	3.9	10
2-Nitroaniline	21	U	5.9	21
Dimethyl phthalate	10	U	3.4	10
2,6-Dinitrotoluene	2.1	U	0.61	2.1
Acenaphthylene	10	U	4.2	10
3-Nitroaniline	21	U	4.5	21
Acenaphthene	10	U	3.9	10
Dibenzofuran	10	U	3.7	10
2,4-Dinitrotoluene	2.1	U	0.45	2.1
Diethyl phthalate	10	U	4.0	10
Fluorene	10	U	3.4	10
4-Chlorophenyl phenyl ether	10	U	4.1	10
4-Nitroaniline	21	U	4.1	21
N-Nitrosodiphenylamine	10	U	4.0	10
4-Bromophenyl phenyl ether	10	U	4.1	10
Atrazine	10	U	5.0	10
Phenanthrene	10	U	3.7	10
Anthracene	10	U	3.7	10
Carbazole	10	U	3.2	10
Di-n-butyl phthalate	10	U	2.9	10
Fluoranthene	10	U	2.8	10
Pyrene	10	U	4.4	10
Butyl benzyl phthalate	10	U	2.9	10
3,3'-Dichlorobenzidine	21	U	7.3	21
Chrysene	10	U	3.9	10
Bis(2-ethylhexyl) phthalate	10	U	2.5	10
Di-n-octyl phthalate	10	U	2.0	10
Benzo[k]fluoranthene	1.0	U	0.31	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.17	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-04**

Lab Sample ID: 460-13279-4 Date Sampled: 05/18/2010 1110
Client Matrix: GW Date Received: 05/18/2010 1905

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-38150		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-37941		Lab File ID:	z10503.d
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/21/2010 1301			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[g,h,i]perylene	10	U	2.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	80		50 - 119
2-Fluorobiphenyl	77		61 - 112
2-Fluorophenol (Surr)	31		14 - 68
Nitrobenzene-d5 (Surr)	76		61 - 120
Phenol-d5 (Surr)	22		9 - 48
Terphenyl-d14 (Surr)	91		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-04**

Lab Sample ID: 460-13279-4 Date Sampled: 05/18/2010 1110
Client Matrix: GW Date Received: 05/18/2010 1905

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-38150		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-37941		Lab File ID:	z10503.d
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/21/2010 1301			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-04**

Lab Sample ID: 460-13279-4 Date Sampled: 05/18/2010 1110
Client Matrix: GW Date Received: 05/18/2010 1905

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-38176		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-37941		Lab File ID:	h88382.d
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/21/2010 1159			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.052	U	0.021	0.052
Benzo[a]pyrene	0.052	U	0.031	0.052
Benzo[b]fluoranthene	0.052	U	0.042	0.052
Hexachlorobenzene	0.021	U	0.010	0.021

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-05**

Lab Sample ID: 460-13279-5 Date Sampled: 05/18/2010 1200
Client Matrix: GW Date Received: 05/18/2010 1905

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-38150		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-37941		Lab File ID:	z10504.d
Dilution:	1.0			Initial Weight/Volume:	940 mL
Date Analyzed:	05/21/2010 1326			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzaldehyde	11	U *	1.4	11
Bis(2-chloroethyl)ether	1.1	U	0.44	1.1
2,2'-oxybis[1-chloropropane]	11	U	3.4	11
Acetophenone	11	U	4.6	11
N-Nitrosodi-n-propylamine	1.1	U	0.34	1.1
Hexachloroethane	1.1	U	0.53	1.1
Nitrobenzene	1.1	U	0.44	1.1
Isophorone	11	U	3.8	11
Bis(2-chloroethoxy)methane	11	U	3.7	11
Naphthalene	11	U	3.9	11
4-Chloroaniline	11	U *	2.2	11
Hexachlorobutadiene	2.1	U *	1.0	2.1
Caprolactam	11	U *	0.53	11
2-Methylnaphthalene	11	U	3.3	11
Hexachlorocyclopentadiene	11	U	4.9	11
1,1'-Biphenyl	11	U	5.8	11
2-Chloronaphthalene	11	U	4.0	11
2-Nitroaniline	21	U	6.1	21
Dimethyl phthalate	11	U	3.5	11
2,6-Dinitrotoluene	2.1	U	0.63	2.1
Acenaphthylene	11	U	4.3	11
3-Nitroaniline	21	U	4.6	21
Acenaphthene	11	U	4.0	11
Dibenzofuran	11	U	3.8	11
2,4-Dinitrotoluene	2.1	U	0.46	2.1
Diethyl phthalate	11	U	4.1	11
Fluorene	11	U	3.5	11
4-Chlorophenyl phenyl ether	11	U	4.2	11
4-Nitroaniline	21	U	4.2	21
N-Nitrosodiphenylamine	11	U	4.1	11
4-Bromophenyl phenyl ether	11	U	4.2	11
Atrazine	11	U	5.1	11
Phenanthrene	11	U	3.8	11
Anthracene	11	U	3.8	11
Carbazole	11	U	3.3	11
Di-n-butyl phthalate	11	U	2.9	11
Fluoranthene	11	U	2.8	11
Pyrene	11	U	4.5	11
Butyl benzyl phthalate	11	U	3.0	11
3,3'-Dichlorobenzidine	21	U	7.4	21
Chrysene	11	U	4.0	11
Bis(2-ethylhexyl) phthalate	11	U	2.6	11
Di-n-octyl phthalate	11	U	2.0	11
Benzo[k]fluoranthene	1.1	U	0.32	1.1
Indeno[1,2,3-cd]pyrene	1.1	U	0.13	1.1
Dibenz(a,h)anthracene	1.1	U	0.17	1.1

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-05**

Lab Sample ID: 460-13279-5 Date Sampled: 05/18/2010 1200
Client Matrix: GW Date Received: 05/18/2010 1905

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-38150		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-37941		Lab File ID:	z10504.d
Dilution:	1.0			Initial Weight/Volume:	940 mL
Date Analyzed:	05/21/2010 1326			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[g,h,i]perylene	11	U	2.9	11

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	97		50 - 119
2-Fluorobiphenyl	85		61 - 112
2-Fluorophenol (Surr)	45		14 - 68
Nitrobenzene-d5 (Surr)	87		61 - 120
Phenol-d5 (Surr)	29		9 - 48
Terphenyl-d14 (Surr)	99		41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-05**

Lab Sample ID: 460-13279-5 Date Sampled: 05/18/2010 1200
Client Matrix: GW Date Received: 05/18/2010 1905

8270C Semivolatile Organics (GC/MS)

Method:	8270C	Analysis Batch: 460-38150		Instrument ID:	BNAMS11
Preparation:	3510C	Prep Batch: 460-37941		Lab File ID:	z10504.d
Dilution:	1.0			Initial Weight/Volume:	940 mL
Date Analyzed:	05/21/2010 1326			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-05**

Lab Sample ID: 460-13279-5 Date Sampled: 05/18/2010 1200
Client Matrix: GW Date Received: 05/18/2010 1905

8270C Semivolatile Organic Compounds (GC/MS SIM)

Method:	8270C	Analysis Batch: 460-38176		Instrument ID:	BNAMS9
Preparation:	3510C	Prep Batch: 460-37941		Lab File ID:	h88383.d
Dilution:	1.0			Initial Weight/Volume:	940 mL
Date Analyzed:	05/21/2010 1224			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.053	U	0.021	0.053
Benzo[a]pyrene	0.053	U	0.032	0.053
Benzo[b]fluoranthene	0.053	U	0.043	0.053
Hexachlorobenzene	0.021	U	0.011	0.021

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **EB-017338-051810-ACH-01**

Lab Sample ID: 460-13279-1EB Date Sampled: 05/18/2010 0840
Client Matrix: Water Date Received: 05/18/2010 1905

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-37970		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-37871		Lab File ID:	05212010.txt
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	05/20/2010 1647			Final Weight/Volume:	100 mL
Date Prepared:	05/20/2010 0857				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	200	U	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	5000	U	72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	5000	U	56.9	5000
Manganese	15.0	U	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	5000	U	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	355	J B	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-37805		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-37760		Lab File ID:	051910.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	05/19/2010 1057			Final Weight/Volume:	30 mL
Date Prepared:	05/19/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-02**

Lab Sample ID: 460-13279-2 Date Sampled: 05/18/2010 0930
Client Matrix: GW Date Received: 05/18/2010 1905

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-37970		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-37871		Lab File ID:	05212010.txt
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	05/20/2010 1617			Final Weight/Volume:	100 mL
Date Prepared:	05/20/2010 0857				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	5190		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	474		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	58900		72.2	5000
Chromium	3.2	J	3.2	10.0
Cobalt	20.3	J	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	74500		40.2	150
Lead	7.0		2.8	5.0
Magnesium	36200		56.9	5000
Manganese	1990		2.5	15.0
Nickel	5.0	J	3.5	40.0
Potassium	3600	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	93900	B	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	5.8	J	2.0	50.0
Zinc	10.5	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-37805		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-37760		Lab File ID:	051910.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	05/19/2010 1040			Final Weight/Volume:	30 mL
Date Prepared:	05/19/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-03**

Lab Sample ID: 460-13279-3 Date Sampled: 05/18/2010 1100
Client Matrix: GW Date Received: 05/18/2010 1905

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-37970		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-37871		Lab File ID:	05212010.txt
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	05/20/2010 1649			Final Weight/Volume:	100 mL
Date Prepared:	05/20/2010 0857				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	5410		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	222		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	48400		72.2	5000
Chromium	8.3	J	3.2	10.0
Cobalt	3.9	J	2.8	50.0
Copper	17.1	J	3.6	25.0
Iron	19000		40.2	150
Lead	7.6		2.8	5.0
Magnesium	22700		56.9	5000
Manganese	296		2.5	15.0
Nickel	5.5	J	3.5	40.0
Potassium	7620		209	5000
Selenium	10.0	U	4.8	10.0
Silver	1.5	J	0.97	10.0
Sodium	126000	B	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	8.4	J	2.0	50.0
Zinc	15.4	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-37805		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-37760		Lab File ID:	051910.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	05/19/2010 1100			Final Weight/Volume:	30 mL
Date Prepared:	05/19/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.65		0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-04**

Lab Sample ID: 460-13279-4 Date Sampled: 05/18/2010 1110
Client Matrix: GW Date Received: 05/18/2010 1905

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-37970		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-37871		Lab File ID:	05212010.txt
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	05/20/2010 1652			Final Weight/Volume:	100 mL
Date Prepared:	05/20/2010 0857				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	7580		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	250		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	48300		72.2	5000
Chromium	11.4		3.2	10.0
Cobalt	5.7	J	2.8	50.0
Copper	18.0	J	3.6	25.0
Iron	26600		40.2	150
Lead	9.5		2.8	5.0
Magnesium	22700		56.9	5000
Manganese	278		2.5	15.0
Nickel	7.3	J	3.5	40.0
Potassium	7610		209	5000
Selenium	10.0	U	4.8	10.0
Silver	1.1	J	0.97	10.0
Sodium	124000	B	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	12.4	J	2.0	50.0
Zinc	25.8	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-37805		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-37760		Lab File ID:	051910.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	05/19/2010 1102			Final Weight/Volume:	30 mL
Date Prepared:	05/19/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.72		0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Client Sample ID: **GW-017338-051810-ACH-05**

Lab Sample ID: 460-13279-5 Date Sampled: 05/18/2010 1200
Client Matrix: GW Date Received: 05/18/2010 1905

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 460-37970		Instrument ID:	ICP4
Preparation:	3010A	Prep Batch: 460-37871		Lab File ID:	05212010.txt
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	05/20/2010 1655			Final Weight/Volume:	100 mL
Date Prepared:	05/20/2010 0857				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	4460		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.2		3.8	5.0
Barium	219		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	41700		72.2	5000
Chromium	5.2	J	3.2	10.0
Cobalt	3.1	J	2.8	50.0
Copper	13.3	J	3.6	25.0
Iron	8700		40.2	150
Lead	6.3		2.8	5.0
Magnesium	12400		56.9	5000
Manganese	454		2.5	15.0
Nickel	3.5	J	3.5	40.0
Potassium	4470	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	73800	B	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	8.4	J	2.0	50.0
Zinc	10.0	J	5.8	30.0

7470A Mercury (CVAA)

Method:	7470A	Analysis Batch: 460-37805		Instrument ID:	LEEMAN5
Preparation:	7470A	Prep Batch: 460-37760		Lab File ID:	051910.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Date Analyzed:	05/19/2010 1104			Final Weight/Volume:	30 mL
Date Prepared:	05/19/2010 0730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Surrogate Recovery Report

8260B Volatile Organics (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-13279-1	EB-017338-051810-ACH-01	105	100	99
460-13279-2	GW-017338-051810-ACH-02	105	103	101
460-13279-3	GW-017338-051810-ACH-03	104	100	99
460-13279-4	GW-017338-051810-ACH-04	104	101	99
460-13279-5	GW-017338-051810-ACH-05	104	100	100
460-13279-6	Trip Blank-017338-051810-ACH-06	102	101	99
MB 460-38207/4		103	101	99
LCS 460-38207/3		101	100	102
460-13279-2 MS	GW-017338-051810-ACH-02 MS	104	101	102
460-13279-2 MSD	GW-017338-051810-ACH-02 MSD	98	101	102

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = 4-Bromofluorobenzene	69-135

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Surrogate Recovery Report

8270C Semivolatile Organics (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-13279-1	EB-017338-051810-ACH-01	38	26	85	82	86	95
460-13279-2	GW-017338-051810-ACH-02	36	24	82	82	100	90
460-13279-3	GW-017338-051810-ACH-03	34	25	80	79	84	90
460-13279-4	GW-017338-051810-ACH-04	31	22	76	77	80	91
460-13279-5	GW-017338-051810-ACH-05	45	29	87	85	97	99
MB 460-37941/1-A		26	24	81	78	70	93
LCS 460-37941/2-A		38	24	86	83	96	87
460-13279-2 MS	GW-017338-051810-ACH-02 MS	37	22	86	87	100	87
460-13279-2 MSD	GW-017338-051810-ACH-02 MSD	32	19	77	78	89	82

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	14-68
PHL = Phenol-d5 (Surr)	9-48
NBZ = Nitrobenzene-d5 (Surr)	61-120
FBP = 2-Fluorobiphenyl	61-112
TBP = 2,4,6-Tribromophenol (Surr)	50-119
TPH = Terphenyl-d14 (Surr)	41-124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Method Blank - Batch: 460-38207

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 460-38207/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2010 2056
Date Prepared: 05/24/2010 2056

Analysis Batch: 460-38207
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS4
Lab File ID: d19263.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Method Blank - Batch: 460-38207

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-38207/4	Analysis Batch:	460-38207	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d19263.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	05/24/2010 2056			Final Weight/Volume:	5 mL
Date Prepared:	05/24/2010 2056				

Analyte	Result	Qual	MDL	RL
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 122
4-Bromofluorobenzene	99	69 - 135
Toluene-d8 (Surr)	101	69 - 125

Method Blank TICs- Batch: 460-38207

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Lab Control Sample - Batch: 460-38207

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 460-38207/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2010 1940
Date Prepared: 05/24/2010 1940

Analysis Batch: 460-38207
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS4
Lab File ID: d19261.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	19.4	97	74 - 128	
Dichlorodifluoromethane	20.0	18.5	92	46 - 145	
Chloromethane	20.0	18.5	93	58 - 146	
Vinyl chloride	20.0	18.7	93	61 - 144	
Bromomethane	20.0	18.8	94	55 - 153	
1,2-Dibromo-3-Chloropropane	20.0	19.0	95	70 - 116	
1,2-Dichlorobenzene	20.0	19.5	97	82 - 122	
Trichlorofluoromethane	20.0	18.4	92	69 - 147	
1,1-Dichloroethene	20.0	20.2	101	56 - 139	
1,2-Dichloropropane	20.0	19.2	96	80 - 120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.2	101	47 - 139	
Acetone	20.0	28.6	143	45 - 156	
Carbon disulfide	20.0	19.9	99	58 - 139	
Methyl acetate	20.0	19.0	95	50 - 151	
Methylene Chloride	20.0	19.6	98	79 - 119	
trans-1,2-Dichloroethene	20.0	20.5	102	75 - 122	
Chlorodibromomethane	20.0	19.4	97	80 - 120	
Methyl tert-butyl ether	20.0	19.2	96	71 - 115	
Chloroethane	20.0	18.8	94	69 - 145	
1,1-Dichloroethane	20.0	19.7	99	78 - 122	
cis-1,2-Dichloroethene	20.0	19.7	98	80 - 120	
2-Butanone (MEK)	20.0	20.0	100	65 - 114	
Chloroform	20.0	19.5	98	82 - 123	
Ethylbenzene	20.0	19.8	99	79 - 126	
Cyclohexane	20.0	20.1	100	58 - 133	
Carbon tetrachloride	20.0	20.0	100	73 - 120	
Benzene	20.0	19.9	99	83 - 124	
1,2-Dichloroethane	20.0	19.1	96	74 - 118	
Trichloroethene	20.0	20.1	101	78 - 119	
Methylcyclohexane	20.0	20.5	102	61 - 129	
Dichlorobromomethane	20.0	19.3	96	79 - 119	
cis-1,3-Dichloropropene	20.0	19.3	97	80 - 120	
4-Methyl-2-pentanone (MIBK)	20.0	19.3	97	53 - 120	
Toluene	20.0	19.9	99	80 - 120	
trans-1,3-Dichloropropene	20.0	19.0	95	78 - 118	
1,1,2-Trichloroethane	20.0	19.1	95	79 - 119	
Tetrachloroethene	20.0	20.1	101	68 - 139	
2-Hexanone	20.0	19.1	95	53 - 121	
1,2-Dibromoethane	20.0	19.3	96	78 - 118	
Chlorobenzene	20.0	19.3	97	81 - 121	
Styrene	20.0	19.4	97	69 - 112	
Bromoform	20.0	19.0	95	73 - 123	
Isopropylbenzene	20.0	20.0	100	80 - 125	
1,1,2,2-Tetrachloroethane	20.0	18.7	94	74 - 126	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Lab Control Sample - Batch: 460-38207

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-38207/3	Analysis Batch:	460-38207	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d19261.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	05/24/2010 1940			Final Weight/Volume:	5 mL
Date Prepared:	05/24/2010 1940				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,3-Dichlorobenzene	20.0	19.8	99	81 - 126	
1,4-Dichlorobenzene	20.0	19.8	99	83 - 123	
1,2,4-Trichlorobenzene	20.0	19.7	99	66 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	70 - 122
4-Bromofluorobenzene	102	69 - 135
Toluene-d8 (Surr)	100	69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-38207

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-13279-2	Analysis Batch:	460-38207	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d19268.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/24/2010 2257			Final Weight/Volume:	5 mL
Date Prepared:	05/24/2010 2257				

MSD Lab Sample ID:	460-13279-2	Analysis Batch:	460-38207	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d19269.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/24/2010 2322			Final Weight/Volume:	5 mL
Date Prepared:	05/24/2010 2322				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	103	97	74 - 128	6	30		
Dichlorodifluoromethane	96	83	46 - 145	15	30		
Chloromethane	109	103	58 - 146	6	30		
Vinyl chloride	108	101	61 - 144	6	30		
Bromomethane	103	99	55 - 153	4	30		
1,2-Dibromo-3-Chloropropane	115	114	70 - 116	1	30		
1,2-Dichlorobenzene	101	104	82 - 122	2	30		
Trichlorofluoromethane	105	93	69 - 147	12	30		
1,1-Dichloroethene	106	97	56 - 139	9	30		
1,2-Dichloropropane	101	102	80 - 120	1	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	100	78	47 - 139	24	30		
Acetone	133	154	45 - 156	14	30		
Carbon disulfide	103	99	58 - 139	4	30		
Methyl acetate	82	82	50 - 151	1	30		
Methylene Chloride	96	100	79 - 119	4	30		
trans-1,2-Dichloroethene	102	100	75 - 122	3	30		
Chlorodibromomethane	104	104	80 - 120	0	30		
Methyl tert-butyl ether	96	97	71 - 115	1	30		
Chloroethane	106	99	69 - 145	7	30		
1,1-Dichloroethane	100	99	78 - 122	1	30		
cis-1,2-Dichloroethene	104	104	80 - 120	1	30		
2-Butanone (MEK)	108	107	65 - 114	1	30		
Chloroform	101	102	82 - 123	1	30		
Ethylbenzene	106	106	79 - 126	0	30		
Cyclohexane	104	86	58 - 133	17	30		
Carbon tetrachloride	103	95	73 - 120	7	30		
Benzene	97	95	83 - 124	2	30		
1,2-Dichloroethane	98	98	74 - 118	0	30		
Trichloroethene	105	104	78 - 119	1	30		
Methylcyclohexane	95	71	61 - 129	17	30		
Dichlorobromomethane	100	101	79 - 119	1	30		
cis-1,3-Dichloropropene	99	101	80 - 120	2	30		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-38207

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-13279-2	Analysis Batch:	460-38207	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d19268.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/24/2010 2257			Final Weight/Volume:	5 mL
Date Prepared:	05/24/2010 2257				

MSD Lab Sample ID:	460-13279-2	Analysis Batch:	460-38207	Instrument ID:	VOAMS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	d19269.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/24/2010 2322			Final Weight/Volume:	5 mL
Date Prepared:	05/24/2010 2322				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4-Methyl-2-pentanone (MIBK)	108	112	53 - 120	4	30		
Toluene	104	103	80 - 120	1	30		
trans-1,3-Dichloropropene	102	104	78 - 118	2	30		
1,1,2-Trichloroethane	126	126	79 - 119	1	30	F	F
Tetrachloroethene	109	104	68 - 139	5	30		
2-Hexanone	109	110	53 - 121	1	30		
1,2-Dibromoethane	102	104	78 - 118	2	30		
Chlorobenzene	99	99	81 - 121	0	30		
Styrene	105	107	69 - 112	1	30		
Bromoform	106	105	73 - 123	1	30		
Isopropylbenzene	114	113	80 - 125	1	30		
1,1,2,2-Tetrachloroethane	106	108	74 - 126	2	30		
1,3-Dichlorobenzene	103	103	81 - 126	0	30		
1,4-Dichlorobenzene	102	105	83 - 123	3	30		
1,2,4-Trichlorobenzene	112	113	66 - 120	0	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	98	70 - 122
4-Bromofluorobenzene	102	102	69 - 135
Toluene-d8 (Surr)	101	101	69 - 125

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-38207

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-13279-2	Units: ug/L	MSD Lab Sample ID:	460-13279-2	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	05/24/2010 2257		Date Analyzed:	05/24/2010 2322	
Date Prepared:	05/24/2010 2257		Date Prepared:	05/24/2010 2322	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,1,1-Trichloroethane	1.0	U	20.0	20.0	20.6		19.5	
Dichlorodifluoromethane	1.0	U	20.0	20.0	19.3		16.6	
Chloromethane	1.0	U	20.0	20.0	21.8		20.6	
Vinyl chloride	1.0	U	20.0	20.0	21.7		20.3	
Bromomethane	1.0	U	20.0	20.0	20.6		19.7	
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	20.0	23.0		22.8	
1,2-Dichlorobenzene	0.27	J	20.0	20.0	20.6		21.0	
Trichlorofluoromethane	1.0	U	20.0	20.0	21.0		18.7	
1,1-Dichloroethene	1.0	U	20.0	20.0	21.1		19.4	
1,2-Dichloropropane	1.0	U	20.0	20.0	20.2		20.5	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	20.0	20.0		15.7	
Acetone	10	U	20.0	20.0	26.7		30.8	
Carbon disulfide	1.0	U	20.0	20.0	20.7		19.8	
Methyl acetate	2.0	U	20.0	20.0	16.5		16.4	
Methylene Chloride	1.0	U	20.0	20.0	19.2		20.0	
trans-1,2-Dichloroethene	1.0	U	20.0	20.0	20.5		19.9	
Chlorodibromomethane	1.0	U	20.0	20.0	20.8		20.8	
Methyl tert-butyl ether	4.6		20.0	20.0	23.8		24.1	
Chloroethane	1.0	U	20.0	20.0	21.2		19.9	
1,1-Dichloroethane	1.0	U	20.0	20.0	20.0		19.8	
cis-1,2-Dichloroethene	1.0	U	20.0	20.0	20.7		20.9	
2-Butanone (MEK)	10	U	20.0	20.0	21.6		21.4	
Chloroform	1.0	U	20.0	20.0	20.1		20.3	
Ethylbenzene	0.33	J	20.0	20.0	21.5		21.5	
Cyclohexane	2.8		20.0	20.0	23.6		20.0	
Carbon tetrachloride	1.0	U	20.0	20.0	20.5		19.1	
Benzene	4.5		20.0	20.0	23.8		23.4	
1,2-Dichloroethane	1.0	U	20.0	20.0	19.6		19.7	
Trichloroethene	1.0	U	20.0	20.0	20.9		20.7	
Methylcyclohexane	11		20.0	20.0	30.5		25.6	
Dichlorobromomethane	1.0	U	20.0	20.0	20.0		20.3	
cis-1,3-Dichloropropene	1.0	U	20.0	20.0	19.7		20.2	
4-Methyl-2-pentanone (MIBK)	10	U	20.0	20.0	21.7		22.5	
Toluene	1.0	U	20.0	20.0	20.8		20.6	
trans-1,3-Dichloropropene	1.0	U	20.0	20.0	20.4		20.7	
1,1,2-Trichloroethane	1.0	U	20.0	20.0	25.3	F	25.1	F
Tetrachloroethene	1.0	U	20.0	20.0	21.8		20.8	
2-Hexanone	10	U	20.0	20.0	21.8		22.1	
1,2-Dibromoethane	1.0	U	20.0	20.0	20.4		20.8	
Chlorobenzene	2.9		20.0	20.0	22.7		22.7	
Styrene	1.0	U	20.0	20.0	21.0		21.3	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-38207

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-13279-2	Units: ug/L	MSD Lab Sample ID:	460-13279-2	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	05/24/2010 2257		Date Analyzed:	05/24/2010 2322	
Date Prepared:	05/24/2010 2257		Date Prepared:	05/24/2010 2322	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Bromoform	1.0	U	20.0	20.0	21.1	21.0
Isopropylbenzene	6.0		20.0	20.0	28.8	28.5
1,1,2,2-Tetrachloroethane	1.0	U	20.0	20.0	21.1	21.6
1,3-Dichlorobenzene	1.0	U	20.0	20.0	20.6	20.6
1,4-Dichlorobenzene	0.28	J	20.0	20.0	20.7	21.3
1,2,4-Trichlorobenzene	1.0	U	20.0	20.0	22.4	22.5

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Method Blank - Batch: 460-37941

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 460-37941/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/21/2010 1005
Date Prepared: 05/20/2010 1702

Analysis Batch: 460-38150
Prep Batch: 460-37941
Units: ug/L

Instrument ID: BNAMS11
Lab File ID: z10496.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Benzaldehyde	10	U	1.3	10
Bis(2-chloroethyl)ether	1.0	U	0.41	1.0
2,2'-oxybis[1-chloropropane]	10	U	3.2	10
Acetophenone	10	U	4.3	10
N-Nitrosodi-n-propylamine	1.0	U	0.32	1.0
Hexachloroethane	1.0	U	0.50	1.0
Nitrobenzene	1.0	U	0.41	1.0
Isophorone	10	U	3.6	10
Bis(2-chloroethoxy)methane	10	U	3.5	10
Naphthalene	10	U	3.7	10
4-Chloroaniline	10	U	2.1	10
Hexachlorobutadiene	2.0	U	0.94	2.0
Caprolactam	10	U	0.50	10
2-Methylnaphthalene	10	U	3.1	10
Hexachlorocyclopentadiene	10	U	4.6	10
1,1'-Biphenyl	10	U	5.4	10
2-Chloronaphthalene	10	U	3.8	10
2-Nitroaniline	20	U	5.7	20
Dimethyl phthalate	10	U	3.3	10
2,6-Dinitrotoluene	2.0	U	0.59	2.0
Acenaphthylene	10	U	4.0	10
3-Nitroaniline	20	U	4.3	20
Acenaphthene	10	U	3.8	10
Dibenzofuran	10	U	3.6	10
2,4-Dinitrotoluene	2.0	U	0.43	2.0
Diethyl phthalate	10	U	3.8	10
Fluorene	10	U	3.3	10
4-Chlorophenyl phenyl ether	10	U	3.9	10
4-Nitroaniline	20	U	4.0	20
N-Nitrosodiphenylamine	10	U	3.9	10
4-Bromophenyl phenyl ether	10	U	3.9	10
Hexachlorobenzene	1.0	U	0.27	1.0
Atrazine	10	U	4.8	10
Phenanthrene	10	U	3.6	10
Anthracene	10	U	3.6	10
Carbazole	10	U	3.1	10
Di-n-butyl phthalate	10	U	2.8	10
Fluoranthene	10	U	2.6	10
Pyrene	10	U	4.3	10
Butyl benzyl phthalate	10	U	2.8	10
3,3'-Dichlorobenzidine	20	U	7.0	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.8	10

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Method Blank - Batch: 460-37941

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-37941/1-A	Analysis Batch:	460-38150	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-37941	Lab File ID:	z10496.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	05/21/2010 1005			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	1 uL

Analyte	Result	Qual	MDL	RL
Bis(2-ethylhexyl) phthalate	10	U	2.4	10
Di-n-octyl phthalate	10	U	1.9	10
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.30	1.0
Benzo[a]pyrene	1.0	U	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.12	1.0
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Benzo[g,h,i]perylene	10	U	2.7	10

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	70	50 - 119
2-Fluorobiphenyl	78	61 - 112
2-Fluorophenol (Surr)	26	14 - 68
Nitrobenzene-d5 (Surr)	81	61 - 120
Phenol-d5 (Surr)	24	9 - 48
Terphenyl-d14 (Surr)	93	41 - 124

Method Blank TICs- Batch: 460-37941

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Method Blank - Batch: 460-37941

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 460-37941/1-A	Analysis Batch:	460-38176	Instrument ID:	BNAMS9
Client Matrix:	Water	Prep Batch:	460-37941	Lab File ID:	h88378.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	05/21/2010 1017			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	

Analyte	Result	Qual	MDL	RL
Benzo[a]anthracene	0.050	U	0.020	0.050
Benzo[a]pyrene	0.050	U	0.030	0.050
Benzo[b]fluoranthene	0.050	U	0.040	0.050
Hexachlorobenzene	0.020	U	0.010	0.020

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Lab Control Sample - Batch: 460-37941

Method: 8270C
Preparation: 3510C

Lab Sample ID: LCS 460-37941/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/21/2010 1029
Date Prepared: 05/20/2010 1702

Analysis Batch: 460-38150
Prep Batch: 460-37941
Units: ug/L

Instrument ID: BNAMS11
Lab File ID: z10497.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzaldehyde	100	181	181	80 - 154	*
Bis(2-chloroethyl)ether	100	84.0	84	76 - 132	
2,2'-oxybis[1-chloropropane]	100	85.6	86	71 - 123	
Acetophenone	100	91.2	91	81 - 158	
N-Nitrosodi-n-propylamine	100	88.2	88	76 - 117	
Hexachloroethane	100	61.1	61	58 - 103	
Nitrobenzene	100	74.6	75	66 - 118	
Isophorone	100	86.7	87	73 - 108	
Bis(2-chloroethoxy)methane	100	87.4	87	74 - 116	
Naphthalene	100	80.0	80	64 - 110	
4-Chloroaniline	100	44.7	45	63 - 105	*
Hexachlorobutadiene	100	59.7	60	61 - 117	*
Caprolactam	100	9.25	9	10 - 44	J *
2-Methylnaphthalene	100	83.1	83	71 - 122	
Hexachlorocyclopentadiene	100	59.6	60	42 - 110	
1,1'-Biphenyl	100	88.1	88	63 - 123	
2-Chloronaphthalene	100	82.8	83	65 - 109	
2-Nitroaniline	100	89.6	90	64 - 114	
Dimethyl phthalate	100	92.4	92	70 - 131	
2,6-Dinitrotoluene	100	92.4	92	67 - 120	
Acenaphthylene	100	87.2	87	60 - 119	
3-Nitroaniline	100	63.3	63	62 - 111	
Acenaphthene	100	88.1	88	67 - 114	
Dibenzofuran	100	88.0	88	71 - 115	
2,4-Dinitrotoluene	100	92.9	93	71 - 119	
Diethyl phthalate	100	93.6	94	66 - 116	
Fluorene	100	90.2	90	72 - 130	
4-Chlorophenyl phenyl ether	100	88.8	89	70 - 115	
4-Nitroaniline	100	88.9	89	61 - 110	
N-Nitrosodiphenylamine	100	96.1	96	69 - 114	
4-Bromophenyl phenyl ether	100	86.9	87	71 - 118	
Hexachlorobenzene	100	86.0	86	73 - 120	
Atrazine	100	88.2	88	47 - 129	
Phenanthrene	100	89.2	89	65 - 114	
Anthracene	100	89.8	90	65 - 113	
Carbazole	100	93.5	93	64 - 110	
Di-n-butyl phthalate	100	93.9	94	53 - 120	
Fluoranthene	100	94.4	94	67 - 115	
Pyrene	100	85.3	85	64 - 127	
Butyl benzyl phthalate	100	90.2	90	56 - 126	
3,3'-Dichlorobenzidine	100	95.7	96	64 - 132	
Benzo[a]anthracene	100	91.4	91	65 - 125	
Chrysene	100	93.0	93	66 - 130	
Bis(2-ethylhexyl) phthalate	100	89.5	89	30 - 134	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Lab Control Sample - Batch: 460-37941

Method: 8270C
Preparation: 3510C

Lab Sample ID:	LCS 460-37941/2-A	Analysis Batch:	460-38150	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-37941	Lab File ID:	z10497.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	1000 mL
Date Analyzed:	05/21/2010 1029			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Di-n-octyl phthalate	100	92.5	93	39 - 117	
Benzo[b]fluoranthene	100	86.0	86	60 - 112	
Benzo[k]fluoranthene	100	93.1	93	46 - 119	
Benzo[a]pyrene	100	84.1	84	47 - 98	
Indeno[1,2,3-cd]pyrene	100	89.1	89	54 - 117	
Dibenz(a,h)anthracene	100	89.0	89	51 - 112	
Benzo[g,h,i]perylene	100	88.7	89	46 - 113	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	96	50 - 119
2-Fluorobiphenyl	83	61 - 112
2-Fluorophenol (Surr)	38	14 - 68
Nitrobenzene-d5 (Surr)	86	61 - 120
Phenol-d5 (Surr)	24	9 - 48
Terphenyl-d14 (Surr)	87	41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-37941

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-13279-2	Analysis Batch:	460-38150	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-37941	Lab File ID:	z10499.d
Dilution:	1.0			Initial Weight/Volume:	970 mL
Date Analyzed:	05/21/2010 1122			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	1 uL

MSD Lab Sample ID:	460-13279-2	Analysis Batch:	460-38150	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-37941	Lab File ID:	z10500.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Date Analyzed:	05/21/2010 1147			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzaldehyde	172	145	80 - 154	19	30	F	
Bis(2-chloroethyl)ether	84	75	76 - 132	13	30		F
2,2'-oxybis[1-chloropropane]	87	79	71 - 123	11	30		
Acetophenone	92	83	81 - 158	12	30		
N-Nitrosodi-n-propylamine	89	81	76 - 117	11	30		
Hexachloroethane	69	64	58 - 103	10	30		
Nitrobenzene	78	70	66 - 118	14	30		
Isophorone	86	78	73 - 108	13	30		
Bis(2-chloroethoxy)methane	89	79	74 - 116	14	30		
Naphthalene	87	70	64 - 110	10	30		
4-Chloroaniline	50	43	63 - 105	16	30	F	F
Hexachlorobutadiene	67	61	61 - 117	12	30		
Caprolactam	10	9	10 - 44	15	30		J F
2-Methylnaphthalene	89	80	71 - 122	13	30		
Hexachlorocyclopentadiene	61	52	42 - 110	17	30		
1,1'-Biphenyl	92	82	63 - 123	13	30		
2-Chloronaphthalene	86	76	65 - 109	15	30		
2-Nitroaniline	90	79	64 - 114	15	30		
Dimethyl phthalate	92	82	70 - 131	14	30		
2,6-Dinitrotoluene	94	83	67 - 120	15	30		
Acenaphthylene	86	74	60 - 119	17	30		
3-Nitroaniline	55	47	62 - 111	18	30	F	F
Acenaphthene	96	84	67 - 114	16	30		
Dibenzofuran	89	79	71 - 115	14	30		
2,4-Dinitrotoluene	93	83	71 - 119	13	30		
Diethyl phthalate	91	82	66 - 116	13	30		
Fluorene	91	82	72 - 130	13	30		
4-Chlorophenyl phenyl ether	91	80	70 - 115	15	30		
4-Nitroaniline	79	71	61 - 110	13	30		
N-Nitrosodiphenylamine	98	89	69 - 114	12	30		
4-Bromophenyl phenyl ether	88	80	71 - 118	12	30		
Hexachlorobenzene	91	82	73 - 120	13	30		

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-37941

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-13279-2	Analysis Batch:	460-38150	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-37941	Lab File ID:	z10499.d
Dilution:	1.0			Initial Weight/Volume:	970 mL
Date Analyzed:	05/21/2010 1122			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	1 uL

MSD Lab Sample ID:	460-13279-2	Analysis Batch:	460-38150	Instrument ID:	BNAMS11
Client Matrix:	Water	Prep Batch:	460-37941	Lab File ID:	z10500.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Date Analyzed:	05/21/2010 1147			Final Weight/Volume:	2 mL
Date Prepared:	05/20/2010 1702			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Atrazine	73	66	47 - 129	12	30		
Phenanthrene	90	81	65 - 114	12	30		
Anthracene	92	82	65 - 113	13	30		
Carbazole	93	83	64 - 110	14	30		
Di-n-butyl phthalate	93	83	53 - 120	13	30		
Fluoranthene	97	85	67 - 115	16	30		
Pyrene	87	80	64 - 127	11	30		
Butyl benzyl phthalate	88	79	56 - 126	13	30		
3,3'-Dichlorobenzidine	83	76	64 - 132	10	30		
Benzo[a]anthracene	92	84	65 - 125	11	30		
Chrysene	93	86	66 - 130	10	30		
Bis(2-ethylhexyl) phthalate	88	83	30 - 134	8	30		
Di-n-octyl phthalate	87	79	39 - 117	12	30		
Benzo[b]fluoranthene	84	77	60 - 112	11	30		
Benzo[k]fluoranthene	90	84	46 - 119	10	30		
Benzo[a]pyrene	84	77	47 - 98	11	30		
Indeno[1,2,3-cd]pyrene	94	81	54 - 117	17	30		
Dibenz(a,h)anthracene	93	85	51 - 112	11	30		
Benzo[g,h,i]perylene	91	83	46 - 113	11	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	100	89	50 - 119
2-Fluorobiphenyl	87	78	61 - 112
2-Fluorophenol (Surr)	37	32	14 - 68
Nitrobenzene-d5 (Surr)	86	77	61 - 120
Phenol-d5 (Surr)	22	19	9 - 48
Terphenyl-d14 (Surr)	87	82	41 - 124

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-37941

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-13279-2	Units: ug/L	MSD Lab Sample ID:	460-13279-2	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	05/21/2010 1122		Date Analyzed:	05/21/2010 1147	
Date Prepared:	05/20/2010 1702		Date Prepared:	05/20/2010 1702	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Benzaldehyde	10	U	103	101	177	F	146	
Bis(2-chloroethyl)ether	1.0	U	103	101	86.3		75.5	F
2,2'-oxybis[1-chloropropane]	10	U	103	101	89.3		79.6	
Acetophenone	10	U	103	101	95.0		83.8	
N-Nitrosodi-n-propylamine	1.0	U	103	101	92.1		82.2	
Hexachloroethane	1.0	U	103	101	71.1		64.6	
Nitrobenzene	1.0	U	103	101	80.9		70.5	
Isophorone	10	U	103	101	89.1		78.6	
Bis(2-chloroethoxy)methane	10	U	103	101	91.6		79.7	
Naphthalene	110		103	101	199		180	
4-Chloroaniline	10	U	103	101	51.3	F	43.6	F
Hexachlorobutadiene	2.0	U	103	101	69.3		61.4	
Caprolactam	10	U	103	101	10.2		8.74	J F
2-Methylnaphthalene	10	U	103	101	91.6		80.3	
Hexachlorocyclopentadiene	10	U	103	101	62.4		52.4	
1,1'-Biphenyl	10	U	103	101	94.4		82.8	
2-Chloronaphthalene	10	U	103	101	89.1		76.9	
2-Nitroaniline	20	U	103	101	92.9		79.7	
Dimethyl phthalate	10	U	103	101	94.9		82.4	
2,6-Dinitrotoluene	2.0	U	103	101	96.7		83.4	
Acenaphthylene	10	U	103	101	88.9		74.9	
3-Nitroaniline	20	U	103	101	56.4	F	47.1	F
Acenaphthene	10	U	103	101	98.9		84.5	
Dibenzofuran	10	U	103	101	91.5		79.5	
2,4-Dinitrotoluene	2.0	U	103	101	95.6		84.1	
Diethyl phthalate	10	U	103	101	94.0		82.4	
Fluorene	10	U	103	101	93.7		82.5	
4-Chlorophenyl phenyl ether	10	U	103	101	93.4		80.5	
4-Nitroaniline	20	U	103	101	81.8		71.9	
N-Nitrosodiphenylamine	10	U	103	101	101		89.7	
4-Bromophenyl phenyl ether	10	U	103	101	90.7		80.6	
Hexachlorobenzene	1.0	U	103	101	94.3		82.5	
Atrazine	10	U	103	101	74.9		66.7	
Phenanthrene	10	U	103	101	92.8		82.0	
Anthracene	10	U	103	101	94.7		83.1	
Carbazole	10	U	103	101	95.7		83.5	
Di-n-butyl phthalate	10	U	103	101	95.4		83.6	
Fluoranthene	10	U	103	101	100		85.4	
Pyrene	10	U	103	101	89.8		80.6	
Butyl benzyl phthalate	10	U	103	101	90.4		79.7	
3,3'-Dichlorobenzidine	20	U	103	101	85.3		76.9	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 460-37941

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	460-13279-2	Units: ug/L	MSD Lab Sample ID:	460-13279-2	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	05/21/2010 1122		Date Analyzed:	05/21/2010 1147	
Date Prepared:	05/20/2010 1702		Date Prepared:	05/20/2010 1702	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzo[a]anthracene	1.0	U	103	101	94.7	85.2
Chrysene	10	U	103	101	96.2	87.2
Bis(2-ethylhexyl) phthalate	10	U	103	101	90.9	83.5
Di-n-octyl phthalate	10	U	103	101	90.2	79.8
Benzo[b]fluoranthene	1.0	U	103	101	86.8	77.4
Benzo[k]fluoranthene	1.0	U	103	101	93.1	84.6
Benzo[a]pyrene	1.0	U	103	101	87.0	77.6
Indeno[1,2,3-cd]pyrene	1.0	U	103	101	96.9	81.9
Dibenz(a,h)anthracene	1.0	U	103	101	95.7	85.4
Benzo[g,h,i]perylene	10	U	103	101	94.3	84.2

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-13279-1

Method Blank - Batch: 460-37871

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 460-37871/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/20/2010 1602
Date Prepared: 05/20/2010 0857

Analysis Batch: 460-37970
Prep Batch: 460-37871
Units: ug/L

Instrument ID: ICP4
Lab File ID: 05212010.txt
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	200	U	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	5000	U	72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	5000	U	56.9	5000
Manganese	15.0	U	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	5000	U	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	536	J	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	30.0	U	5.8	30.0

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-13279-1

Lab Control Sample - Batch: 460-37871

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 460-37871/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/20/2010 1611
Date Prepared: 05/20/2010 0857

Analysis Batch: 460-37970
Prep Batch: 460-37871
Units: ug/L

Instrument ID: ICP4
Lab File ID: 05212010.txt
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2000	2120	106	80 - 120	
Antimony	500	486	97	80 - 120	
Arsenic	2000	1920	96	80 - 120	
Barium	2000	2060	103	80 - 120	
Beryllium	50.0	52.6	105	80 - 120	
Cadmium	50.0	51.2	102	80 - 120	
Calcium	20000	20750	104	80 - 120	
Chromium	200	216	108	80 - 120	
Cobalt	500	519	104	80 - 120	
Copper	250	262	105	80 - 120	
Iron	1000	1080	108	80 - 120	
Lead	500	530	106	80 - 120	
Magnesium	20000	19950	100	80 - 120	
Manganese	500	549	110	80 - 120	
Nickel	500	523	105	80 - 120	
Potassium	20000	20240	101	80 - 120	
Selenium	2000	2010	100	80 - 120	
Silver	50.0	50.8	102	80 - 120	
Sodium	20000	20970	105	80 - 120	
Thallium	2000	2220	111	80 - 120	
Vanadium	500	526	105	80 - 120	
Zinc	500	515	103	80 - 120	

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-13279-1

Matrix Spike - Batch: 460-37871

Method: 6010B
Preparation: 3010A

Lab Sample ID: 460-13279-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/20/2010 1622
Date Prepared: 05/20/2010 0857

Analysis Batch: 460-37970
Prep Batch: 460-37871
Units: ug/L

Instrument ID: ICP4
Lab File ID: 05212010.txt
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	5190		2000	8920	187	75 - 125	F
Antimony	10.0	U	500	481	96	75 - 125	
Arsenic	5.0	U	2000	1950	97	75 - 125	
Barium	474		2000	2510	102	75 - 125	
Beryllium	2.0	U	50.0	54.2	108	75 - 125	
Cadmium	5.0	U	50.0	50.2	100	75 - 125	
Calcium	58900		20000	81110	111	75 - 125	
Chromium	3.2	J	200	224	112	75 - 125	
Cobalt	20.3	J	500	530	102	75 - 125	
Copper	25.0	U	250	278	111	75 - 125	
Iron	74500		1000	76490	197	75 - 125	4
Lead	7.0		500	520	103	75 - 125	
Magnesium	36200		20000	56350	101	75 - 125	
Manganese	1990		500	2560	114	75 - 125	
Nickel	5.0	J	500	515	102	75 - 125	
Potassium	3600	J	20000	24330	104	75 - 125	
Selenium	10.0	U	2000	2010	100	75 - 125	
Silver	10.0	U	50.0	52.6	105	75 - 125	
Sodium	93900		20000	115600	108	75 - 125	4
Thallium	10.0	U	2000	2100	105	75 - 125	
Vanadium	5.8	J	500	551	109	75 - 125	
Zinc	10.5	J	500	518	102	75 - 125	

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Duplicate - Batch: 460-37871

Method: 6010B
Preparation: 3010A

Lab Sample ID: 460-13279-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/20/2010 1614
Date Prepared: 05/20/2010 0857

Analysis Batch: 460-37970
Prep Batch: 460-37871
Units: ug/L

Instrument ID: ICP4
Lab File ID: 05212010.txt
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	5190		4860	6	20	
Antimony	10.0	U	10.0	NC	20	U
Arsenic	5.0	U	4.31	NC	20	J
Barium	474		480	1	20	
Beryllium	2.0	U	2.0	NC	20	U
Cadmium	5.0	U	5.0	NC	20	U
Calcium	58900		58550	1	20	
Chromium	3.2	J	10.0	NC	20	U
Cobalt	20.3	J	20.7	2	20	J
Copper	25.0	U	25.0	NC	20	U
Iron	74500		74170	0	20	
Lead	7.0		7.97	13	20	
Magnesium	36200		35810	1	20	
Manganese	1990		2000	1	20	
Nickel	5.0	J	4.80	5	20	J
Potassium	3600	J	3590	0	20	J
Selenium	10.0	U	10.0	NC	20	U
Silver	10.0	U	10.0	NC	20	U
Sodium	93900		93070	1	20	
Thallium	10.0	U	10.0	NC	20	U
Vanadium	5.8	J	5.38	8	20	J
Zinc	10.5	J	10.5	0	20	J

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Method Blank - Batch: 460-37760

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 460-37760/12-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2010 1032
Date Prepared: 05/19/2010 0730

Analysis Batch: 460-37805
Prep Batch: 460-37760
Units: ug/L

Instrument ID: LEEMAN5
Lab File ID: 051910.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.18	0.20

Lab Control Sample - Batch: 460-37760

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 460-37760/13-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2010 1035
Date Prepared: 05/19/2010 0730

Analysis Batch: 460-37805
Prep Batch: 460-37760
Units: ug/L

Instrument ID: LEEMAN5
Lab File ID: 051910.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.990	99	80 - 120	

Matrix Spike - Batch: 460-37760

Method: 7470A
Preparation: 7470A

Lab Sample ID: 460-13279-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2010 1042
Date Prepared: 05/19/2010 0730

Analysis Batch: 460-37805
Prep Batch: 460-37760
Units: ug/L

Instrument ID: LEEMAN5
Lab File ID: 051910.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.20	U	1.00	1.17	117	75 - 125	

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-13279-1

Duplicate - Batch: 460-37760

Method: 7470A
Preparation: 7470A

Lab Sample ID: 460-13279-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2010 1039
Date Prepared: 05/19/2010 0730

Analysis Batch: 460-37805
Prep Batch: 460-37760
Units: ug/L

Instrument ID: LEEMAN5
Lab File ID: 051910.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.20	U	0.20	NC	20	U

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	N	This flag indicates the presumptive evidence of a compound.
GC/MS Semi VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	N	This flag indicates the presumptive evidence of a compound.
Metals		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	F	MS/MSD Recovery or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-38207					
LCS 460-38207/3	Lab Control Sample	T	Water	8260B	
MB 460-38207/4	Method Blank	T	Water	8260B	
460-13279-1EB	EB-017338-051810-ACH-01	T	Water	8260B	
460-13279-2	GW-017338-051810-ACH-02	T	Water	8260B	
460-13279-2MS	Matrix Spike	T	Water	8260B	
460-13279-2MSD	Matrix Spike Duplicate	T	Water	8260B	
460-13279-3	GW-017338-051810-ACH-03	T	Water	8260B	
460-13279-4	GW-017338-051810-ACH-04	T	Water	8260B	
460-13279-5	GW-017338-051810-ACH-05	T	Water	8260B	
460-13279-6TB	Trip Blank-017338-051810-ACH-06	T	Water	8260B	

Report Basis

T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-37941					
LCS 460-37941/2-A	Lab Control Sample	T	Water	3510C	
MB 460-37941/1-A	Method Blank	T	Water	3510C	
460-13279-1EB	EB-017338-051810-ACH-01	T	Water	3510C	
460-13279-2	GW-017338-051810-ACH-02	T	Water	3510C	
460-13279-2MS	Matrix Spike	T	Water	3510C	
460-13279-2MSD	Matrix Spike Duplicate	T	Water	3510C	
460-13279-3	GW-017338-051810-ACH-03	T	Water	3510C	
460-13279-4	GW-017338-051810-ACH-04	T	Water	3510C	
460-13279-5	GW-017338-051810-ACH-05	T	Water	3510C	
Analysis Batch:460-38150					
LCS 460-37941/2-A	Lab Control Sample	T	Water	8270C	460-37941
MB 460-37941/1-A	Method Blank	T	Water	8270C	460-37941
460-13279-1EB	EB-017338-051810-ACH-01	T	Water	8270C	460-37941
460-13279-2	GW-017338-051810-ACH-02	T	Water	8270C	460-37941
460-13279-2MS	Matrix Spike	T	Water	8270C	460-37941
460-13279-2MSD	Matrix Spike Duplicate	T	Water	8270C	460-37941
460-13279-3	GW-017338-051810-ACH-03	T	Water	8270C	460-37941
460-13279-4	GW-017338-051810-ACH-04	T	Water	8270C	460-37941
460-13279-5	GW-017338-051810-ACH-05	T	Water	8270C	460-37941
Analysis Batch:460-38176					
MB 460-37941/1-A	Method Blank	T	Water	8270C	460-37941
460-13279-1EB	EB-017338-051810-ACH-01	T	Water	8270C	460-37941
460-13279-2	GW-017338-051810-ACH-02	T	Water	8270C	460-37941
460-13279-3	GW-017338-051810-ACH-03	T	Water	8270C	460-37941
460-13279-4	GW-017338-051810-ACH-04	T	Water	8270C	460-37941
460-13279-5	GW-017338-051810-ACH-05	T	Water	8270C	460-37941

Report Basis

T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-37760					
LCS 460-37760/13-A	Lab Control Sample	T	Water	7470A	
MB 460-37760/12-A	Method Blank	T	Water	7470A	
460-13279-1EB	EB-017338-051810-ACH-01	T	Water	7470A	
460-13279-2	GW-017338-051810-ACH-02	T	Water	7470A	
460-13279-2DU	Duplicate	T	Water	7470A	
460-13279-2MS	Matrix Spike	T	Water	7470A	
460-13279-3	GW-017338-051810-ACH-03	T	Water	7470A	
460-13279-4	GW-017338-051810-ACH-04	T	Water	7470A	
460-13279-5	GW-017338-051810-ACH-05	T	Water	7470A	
Analysis Batch:460-37805					
LCS 460-37760/13-A	Lab Control Sample	T	Water	7470A	460-37760
MB 460-37760/12-A	Method Blank	T	Water	7470A	460-37760
460-13279-1EB	EB-017338-051810-ACH-01	T	Water	7470A	460-37760
460-13279-2	GW-017338-051810-ACH-02	T	Water	7470A	460-37760
460-13279-2DU	Duplicate	T	Water	7470A	460-37760
460-13279-2MS	Matrix Spike	T	Water	7470A	460-37760
460-13279-3	GW-017338-051810-ACH-03	T	Water	7470A	460-37760
460-13279-4	GW-017338-051810-ACH-04	T	Water	7470A	460-37760
460-13279-5	GW-017338-051810-ACH-05	T	Water	7470A	460-37760
Prep Batch: 460-37871					
LCS 460-37871/2-A	Lab Control Sample	T	Water	3010A	
MB 460-37871/1-A	Method Blank	T	Water	3010A	
460-13279-1EB	EB-017338-051810-ACH-01	T	Water	3010A	
460-13279-2	GW-017338-051810-ACH-02	T	Water	3010A	
460-13279-2DU	Duplicate	T	Water	3010A	
460-13279-2MS	Matrix Spike	T	Water	3010A	
460-13279-3	GW-017338-051810-ACH-03	T	Water	3010A	
460-13279-4	GW-017338-051810-ACH-04	T	Water	3010A	
460-13279-5	GW-017338-051810-ACH-05	T	Water	3010A	
Analysis Batch:460-37970					
LCS 460-37871/2-A	Lab Control Sample	T	Water	6010B	460-37871
MB 460-37871/1-A	Method Blank	T	Water	6010B	460-37871
460-13279-1EB	EB-017338-051810-ACH-01	T	Water	6010B	460-37871
460-13279-2	GW-017338-051810-ACH-02	T	Water	6010B	460-37871
460-13279-2DU	Duplicate	T	Water	6010B	460-37871
460-13279-2MS	Matrix Spike	T	Water	6010B	460-37871
460-13279-3	GW-017338-051810-ACH-03	T	Water	6010B	460-37871
460-13279-4	GW-017338-051810-ACH-04	T	Water	6010B	460-37871
460-13279-5	GW-017338-051810-ACH-05	T	Water	6010B	460-37871

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis
T = Total

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Laboratory Chronicle

Lab ID: 460-13279-1 **Client ID: EB-017338-051810-ACH-01**

Sample Date/Time: 05/18/2010 08:40 Received Date/Time: 05/18/2010 19:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-13279-C-1		460-38207		05/24/2010 21:44	1	TAL EDI	EM
A:8260B	460-13279-C-1		460-38207		05/24/2010 21:44	1	TAL EDI	EM
P:3510C	460-13279-E-1-A		460-38176	460-37941	05/20/2010 17:02	1	TAL EDI	AMF
A:8270C	460-13279-E-1-A		460-38176	460-37941	05/21/2010 10:42	1	TAL EDI	CZ
P:3510C	460-13279-E-1-A		460-38150	460-37941	05/20/2010 17:02	1	TAL EDI	AMF
A:8270C	460-13279-E-1-A		460-38150	460-37941	05/21/2010 12:12	1	TAL EDI	AAA
P:3010A	460-13279-D-1-B		460-37970	460-37871	05/20/2010 08:57	1	TAL EDI	QY
A:6010B	460-13279-D-1-B		460-37970	460-37871	05/20/2010 16:47	1	TAL EDI	CDC
P:7470A	460-13279-D-1-A		460-37805	460-37760	05/19/2010 07:30	1	TAL EDI	TS
A:7470A	460-13279-D-1-A		460-37805	460-37760	05/19/2010 10:57	1	TAL EDI	TS

Lab ID: 460-13279-2 **Client ID: GW-017338-051810-ACH-02**

Sample Date/Time: 05/18/2010 09:30 Received Date/Time: 05/18/2010 19:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-13279-C-2		460-38207		05/24/2010 22:09	1	TAL EDI	EM
A:8260B	460-13279-C-2		460-38207		05/24/2010 22:09	1	TAL EDI	EM
P:3510C	460-13279-E-2-B		460-38150	460-37941	05/20/2010 17:02	1	TAL EDI	AMF
A:8270C	460-13279-E-2-B		460-38150	460-37941	05/21/2010 10:58	1	TAL EDI	AAA
P:3510C	460-13279-E-2-B		460-38176	460-37941	05/20/2010 17:02	1	TAL EDI	AMF
A:8270C	460-13279-E-2-B		460-38176	460-37941	05/21/2010 11:08	1	TAL EDI	CZ
P:3010A	460-13279-D-2-C		460-37970	460-37871	05/20/2010 08:57	1	TAL EDI	QY
A:6010B	460-13279-D-2-C		460-37970	460-37871	05/20/2010 16:17	1	TAL EDI	CDC
P:7470A	460-13279-D-2-A		460-37805	460-37760	05/19/2010 07:30	1	TAL EDI	TS
A:7470A	460-13279-D-2-A		460-37805	460-37760	05/19/2010 10:40	1	TAL EDI	TS

Lab ID: 460-13279-2 **Client ID: GW-017338-051810-ACH-02**

Sample Date/Time: 05/18/2010 09:30 Received Date/Time: 05/18/2010 19:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-13279-B-2 MS		460-38207		05/24/2010 22:57	1	TAL EDI	EM
A:8260B	460-13279-B-2 MS		460-38207		05/24/2010 22:57	1	TAL EDI	EM
P:3510C	460-13279-E-2-A MS		460-38150	460-37941	05/20/2010 17:02	1	TAL EDI	AMF
A:8270C	460-13279-E-2-A MS		460-38150	460-37941	05/21/2010 11:22	1	TAL EDI	AAA
P:3010A	460-13279-D-2-E MS		460-37970	460-37871	05/20/2010 08:57	1	TAL EDI	QY
A:6010B	460-13279-D-2-E MS		460-37970	460-37871	05/20/2010 16:22	1	TAL EDI	CDC
P:7470A	460-13279-D-2-B MS		460-37805	460-37760	05/19/2010 07:30	1	TAL EDI	TS
A:7470A	460-13279-D-2-B MS		460-37805	460-37760	05/19/2010 10:42	1	TAL EDI	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Laboratory Chronicle

Lab ID: 460-13279-2 **Client ID:** GW-017338-051810-ACH-02

Sample Date/Time: 05/18/2010 09:30 Received Date/Time: 05/18/2010 19:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-13279-C-2 MSD		460-38207		05/24/2010 23:22	1	TAL EDI	EM
A:8260B	460-13279-C-2 MSD		460-38207		05/24/2010 23:22	1	TAL EDI	EM
P:3510C	460-13279-D-2-F MSD		460-38150	460-37941	05/20/2010 17:02	1	TAL EDI	AMF
A:8270C	460-13279-D-2-F MSD		460-38150	460-37941	05/21/2010 11:47	1	TAL EDI	AAA

Lab ID: 460-13279-2 **Client ID:** GW-017338-051810-ACH-02

Sample Date/Time: 05/18/2010 09:30 Received Date/Time: 05/18/2010 19:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-13279-D-2-D DU		460-37970	460-37871	05/20/2010 08:57	1	TAL EDI	QY
A:6010B	460-13279-D-2-D DU		460-37970	460-37871	05/20/2010 16:14	1	TAL EDI	CDC
P:7470A	460-13279-A-2-A DU		460-37805	460-37760	05/19/2010 07:30	1	TAL EDI	TS
A:7470A	460-13279-A-2-A DU		460-37805	460-37760	05/19/2010 10:39	1	TAL EDI	TS

Lab ID: 460-13279-3 **Client ID:** GW-017338-051810-ACH-03

Sample Date/Time: 05/18/2010 11:00 Received Date/Time: 05/18/2010 19:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-13279-C-3		460-38207		05/25/2010 00:10	1	TAL EDI	EM
A:8260B	460-13279-C-3		460-38207		05/25/2010 00:10	1	TAL EDI	EM
P:3510C	460-13279-E-3-A		460-38176	460-37941	05/20/2010 17:02	1	TAL EDI	AMF
A:8270C	460-13279-E-3-A		460-38176	460-37941	05/21/2010 11:34	1	TAL EDI	CZ
P:3510C	460-13279-E-3-A		460-38150	460-37941	05/20/2010 17:02	1	TAL EDI	AMF
A:8270C	460-13279-E-3-A		460-38150	460-37941	05/21/2010 12:37	1	TAL EDI	AAA
P:3010A	460-13279-D-3-B		460-37970	460-37871	05/20/2010 08:57	1	TAL EDI	QY
A:6010B	460-13279-D-3-B		460-37970	460-37871	05/20/2010 16:49	1	TAL EDI	CDC
P:7470A	460-13279-D-3-A		460-37805	460-37760	05/19/2010 07:30	1	TAL EDI	TS
A:7470A	460-13279-D-3-A		460-37805	460-37760	05/19/2010 11:00	1	TAL EDI	TS

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Laboratory Chronicle

Lab ID: 460-13279-4 **Client ID:** GW-017338-051810-ACH-04

Sample Date/Time: 05/18/2010 11:10 Received Date/Time: 05/18/2010 19:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-13279-C-4		460-38207		05/25/2010 00:35	1	TAL EDI	EM
A:8260B	460-13279-C-4		460-38207		05/25/2010 00:35	1	TAL EDI	EM
P:3510C	460-13279-E-4-A		460-38176	460-37941	05/20/2010 17:02	1	TAL EDI	AMF
A:8270C	460-13279-E-4-A		460-38176	460-37941	05/21/2010 11:59	1	TAL EDI	CZ
P:3510C	460-13279-E-4-A		460-38150	460-37941	05/20/2010 17:02	1	TAL EDI	AMF
A:8270C	460-13279-E-4-A		460-38150	460-37941	05/21/2010 13:01	1	TAL EDI	AAA
P:3010A	460-13279-D-4-B		460-37970	460-37871	05/20/2010 08:57	1	TAL EDI	QY
A:6010B	460-13279-D-4-B		460-37970	460-37871	05/20/2010 16:52	1	TAL EDI	CDC
P:7470A	460-13279-D-4-A		460-37805	460-37760	05/19/2010 07:30	1	TAL EDI	TS
A:7470A	460-13279-D-4-A		460-37805	460-37760	05/19/2010 11:02	1	TAL EDI	TS

Lab ID: 460-13279-5 **Client ID:** GW-017338-051810-ACH-05

Sample Date/Time: 05/18/2010 12:00 Received Date/Time: 05/18/2010 19:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-13279-C-5		460-38207		05/25/2010 00:59	1	TAL EDI	EM
A:8260B	460-13279-C-5		460-38207		05/25/2010 00:59	1	TAL EDI	EM
P:3510C	460-13279-F-5-A		460-38176	460-37941	05/20/2010 17:02	1	TAL EDI	AMF
A:8270C	460-13279-F-5-A		460-38176	460-37941	05/21/2010 12:24	1	TAL EDI	CZ
P:3510C	460-13279-F-5-A		460-38150	460-37941	05/20/2010 17:02	1	TAL EDI	AMF
A:8270C	460-13279-F-5-A		460-38150	460-37941	05/21/2010 13:26	1	TAL EDI	AAA
P:3010A	460-13279-D-5-B		460-37970	460-37871	05/20/2010 08:57	1	TAL EDI	QY
A:6010B	460-13279-D-5-B		460-37970	460-37871	05/20/2010 16:55	1	TAL EDI	CDC
P:7470A	460-13279-D-5-A		460-37805	460-37760	05/19/2010 07:30	1	TAL EDI	TS
A:7470A	460-13279-D-5-A		460-37805	460-37760	05/19/2010 11:04	1	TAL EDI	TS

Lab ID: 460-13279-6 **Client ID:** Trip Blank-017338-051810-ACH-06

Sample Date/Time: 05/18/2010 12:00 Received Date/Time: 05/18/2010 19:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-13279-C-6		460-38207		05/24/2010 21:20	1	TAL EDI	EM
A:8260B	460-13279-C-6		460-38207		05/24/2010 21:20	1	TAL EDI	EM

Client: Conestoga-Rovers & Associates, Inc. Job Number: 460-13279-1

Laboratory Chronicle

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-38207/4		460-38207		05/24/2010 20:56	1	TAL EDI	EM
A:8260B	MB 460-38207/4		460-38207		05/24/2010 20:56	1	TAL EDI	EM
P:3510C	MB 460-37941/1-A		460-38150	460-37941	05/20/2010 17:02	1	TAL EDI	AMF
A:8270C	MB 460-37941/1-A		460-38150	460-37941	05/21/2010 10:05	1	TAL EDI	AAA
P:3510C	MB 460-37941/1-A		460-38176	460-37941	05/20/2010 17:02	1	TAL EDI	AMF
A:8270C	MB 460-37941/1-A		460-38176	460-37941	05/21/2010 10:17	1	TAL EDI	CZ
P:3010A	MB 460-37871/1-A		460-37970	460-37871	05/20/2010 08:57	1	TAL EDI	QY
A:6010B	MB 460-37871/1-A		460-37970	460-37871	05/20/2010 16:02	1	TAL EDI	CDC
P:7470A	MB 460-37760/12-A		460-37805	460-37760	05/19/2010 07:30	1	TAL EDI	TS
A:7470A	MB 460-37760/12-A		460-37805	460-37760	05/19/2010 10:32	1	TAL EDI	TS

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-38207/3		460-38207		05/24/2010 19:40	1	TAL EDI	EM
A:8260B	LCS 460-38207/3		460-38207		05/24/2010 19:40	1	TAL EDI	EM
P:3510C	LCS 460-37941/2-A		460-38150	460-37941	05/20/2010 17:02	1	TAL EDI	AMF
A:8270C	LCS 460-37941/2-A		460-38150	460-37941	05/21/2010 10:29	1	TAL EDI	AAA
P:3010A	LCS 460-37871/2-A		460-37970	460-37871	05/20/2010 08:57	1	TAL EDI	QY
A:6010B	LCS 460-37871/2-A		460-37970	460-37871	05/20/2010 16:11	1	TAL EDI	CDC
P:7470A	LCS 460-37760/13-A		460-37805	460-37760	05/19/2010 07:30	1	TAL EDI	TS
A:7470A	LCS 460-37760/13-A		460-37805	460-37760	05/19/2010 10:35	1	TAL EDI	TS

Lab References:
TAL EDI = TestAmerica Edison

Method 8260 DEL

Volatile Organics (GC/MS) by Method 8260 (Delaware)

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
EB-017338-051810-ACH-01	460-13279-1	105	100	99
GW-017338-051810-ACH-02	460-13279-2	105	103	101
GW-017338-051810-ACH-03	460-13279-3	104	100	99
GW-017338-051810-ACH-04	460-13279-4	104	101	99
GW-017338-051810-ACH-05	460-13279-5	104	100	100
Trip Blank-017338-051810-ACH-06	460-13279-6	102	101	99
	MB 460-38207/4	103	101	99
	LCS 460-38207/3	101	100	102
GW-017338-051810-ACH-02 MS	460-13279-2 MS	104	101	102
GW-017338-051810-ACH-02 MSD	460-13279-2 MSD	98	101	102

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = 4-Bromofluorobenzene	69-135

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d19261.d

Lab ID: LCS 460-38207/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.4	97	74-128	
Dichlorodifluoromethane	20.0	18.5	92	46-145	
Chloromethane	20.0	18.5	93	58-146	
Vinyl chloride	20.0	18.7	93	61-144	
Bromomethane	20.0	18.8	94	55-153	
1,2-Dibromo-3-Chloropropane	20.0	19.0	95	70-116	
1,2-Dichlorobenzene	20.0	19.5	97	82-122	
Trichlorofluoromethane	20.0	18.4	92	69-147	
1,1-Dichloroethene	20.0	20.2	101	56-139	
1,2-Dichloropropane	20.0	19.2	96	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.2	101	47-139	
Acetone	20.0	28.6	143	45-156	
Carbon disulfide	20.0	19.9	99	58-139	
Methyl acetate	20.0	19.0	95	50-151	
Methylene Chloride	20.0	19.6	98	79-119	
trans-1,2-Dichloroethene	20.0	20.5	102	75-122	
Chlorodibromomethane	20.0	19.4	97	80-120	
Methyl tert-butyl ether	20.0	19.2	96	71-115	
Chloroethane	20.0	18.8	94	69-145	
1,1-Dichloroethane	20.0	19.7	99	78-122	
cis-1,2-Dichloroethene	20.0	19.7	98	80-120	
2-Butanone (MEK)	20.0	20.0	100	65-114	
Chloroform	20.0	19.5	98	82-123	
Ethylbenzene	20.0	19.8	99	79-126	
Cyclohexane	20.0	20.1	100	58-133	
Carbon tetrachloride	20.0	20.0	100	73-120	
Benzene	20.0	19.9	99	83-124	
1,2-Dichloroethane	20.0	19.1	96	74-118	
Trichloroethene	20.0	20.1	101	78-119	
Methylcyclohexane	20.0	20.5	102	61-129	
Dichlorobromomethane	20.0	19.3	96	79-119	
cis-1,3-Dichloropropene	20.0	19.3	97	80-120	
4-Methyl-2-pentanone (MIBK)	20.0	19.3	97	53-120	
Toluene	20.0	19.9	99	80-120	
trans-1,3-Dichloropropene	20.0	19.0	95	78-118	
1,1,2-Trichloroethane	20.0	19.1	95	79-119	
Tetrachloroethene	20.0	20.1	101	68-139	
2-Hexanone	20.0	19.1	95	53-121	
1,2-Dibromoethane	20.0	19.3	96	78-118	
Chlorobenzene	20.0	19.3	97	81-121	
Styrene	20.0	19.4	97	69-112	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d19261.d

Lab ID: LCS 460-38207/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Bromoform	20.0	19.0	95	73-123	
Isopropylbenzene	20.0	20.0	100	80-125	
1,1,2,2-Tetrachloroethane	20.0	18.7	94	74-126	
1,3-Dichlorobenzene	20.0	19.8	99	81-126	
1,4-Dichlorobenzene	20.0	19.8	99	83-123	
1,2,4-Trichlorobenzene	20.0	19.7	99	66-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d19268.d

Lab ID: 460-13279-2 MS Client ID: GW-017338-051810-ACH-02 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	20.6	103	74-128	
Dichlorodifluoromethane	20.0	1.0 U	19.3	96	46-145	
Chloromethane	20.0	1.0 U	21.8	109	58-146	
Vinyl chloride	20.0	1.0 U	21.7	108	61-144	
Bromomethane	20.0	1.0 U	20.6	103	55-153	
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	23.0	115	70-116	
1,2-Dichlorobenzene	20.0	0.27 J	20.6	101	82-122	
Trichlorofluoromethane	20.0	1.0 U	21.0	105	69-147	
1,1-Dichloroethene	20.0	1.0 U	21.1	106	56-139	
1,2-Dichloropropane	20.0	1.0 U	20.2	101	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	1.0 U	20.0	100	47-139	
Acetone	20.0	10 U	26.7	133	45-156	
Carbon disulfide	20.0	1.0 U	20.7	103	58-139	
Methyl acetate	20.0	2.0 U	16.5	82	50-151	
Methylene Chloride	20.0	1.0 U	19.2	96	79-119	
trans-1,2-Dichloroethene	20.0	1.0 U	20.5	102	75-122	
Chlorodibromomethane	20.0	1.0 U	20.8	104	80-120	
Methyl tert-butyl ether	20.0	4.6	23.8	96	71-115	
Chloroethane	20.0	1.0 U	21.2	106	69-145	
1,1-Dichloroethane	20.0	1.0 U	20.0	100	78-122	
cis-1,2-Dichloroethene	20.0	1.0 U	20.7	104	80-120	
2-Butanone (MEK)	20.0	10 U	21.6	108	65-114	
Chloroform	20.0	1.0 U	20.1	101	82-123	
Ethylbenzene	20.0	0.33 J	21.5	106	79-126	
Cyclohexane	20.0	2.8	23.6	104	58-133	
Carbon tetrachloride	20.0	1.0 U	20.5	103	73-120	
Benzene	20.0	4.5	23.8	97	83-124	
1,2-Dichloroethane	20.0	1.0 U	19.6	98	74-118	
Trichloroethene	20.0	1.0 U	20.9	105	78-119	
Methylcyclohexane	20.0	11	30.5	95	61-129	
Dichlorobromomethane	20.0	1.0 U	20.0	100	79-119	
cis-1,3-Dichloropropene	20.0	1.0 U	19.7	99	80-120	
4-Methyl-2-pentanone (MIBK)	20.0	10 U	21.7	108	53-120	
Toluene	20.0	1.0 U	20.8	104	80-120	
trans-1,3-Dichloropropene	20.0	1.0 U	20.4	102	78-118	
1,1,2-Trichloroethane	20.0	1.0 U	25.3	126	79-119	F
Tetrachloroethene	20.0	1.0 U	21.8	109	68-139	
2-Hexanone	20.0	10 U	21.8	109	53-121	
1,2-Dibromoethane	20.0	1.0 U	20.4	102	78-118	
Chlorobenzene	20.0	2.9	22.7	99	81-121	
Styrene	20.0	1.0 U	21.0	105	69-112	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d19268.d

Lab ID: 460-13279-2 MS Client ID: GW-017338-051810-ACH-02 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Bromoform	20.0	1.0 U	21.1	106	73-123	
Isopropylbenzene	20.0	6.0	28.8	114	80-125	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	21.1	106	74-126	
1,3-Dichlorobenzene	20.0	1.0 U	20.6	103	81-126	
1,4-Dichlorobenzene	20.0	0.28 J	20.7	102	83-123	
1,2,4-Trichlorobenzene	20.0	1.0 U	22.4	112	66-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d19269.d

Lab ID: 460-13279-2 MSD Client ID: GW-017338-051810-ACH-02 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.5	97	6	30	74-128	
Dichlorodifluoromethane	20.0	16.6	83	15	30	46-145	
Chloromethane	20.0	20.6	103	6	30	58-146	
Vinyl chloride	20.0	20.3	101	6	30	61-144	
Bromomethane	20.0	19.7	99	4	30	55-153	
1,2-Dibromo-3-Chloropropane	20.0	22.8	114	1	30	70-116	
1,2-Dichlorobenzene	20.0	21.0	104	2	30	82-122	
Trichlorofluoromethane	20.0	18.7	93	12	30	69-147	
1,1-Dichloroethene	20.0	19.4	97	9	30	56-139	
1,2-Dichloropropane	20.0	20.5	102	1	30	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	15.7	78	24	30	47-139	
Acetone	20.0	30.8	154	14	30	45-156	
Carbon disulfide	20.0	19.8	99	4	30	58-139	
Methyl acetate	20.0	16.4	82	1	30	50-151	
Methylene Chloride	20.0	20.0	100	4	30	79-119	
trans-1,2-Dichloroethene	20.0	19.9	100	3	30	75-122	
Chlorodibromomethane	20.0	20.8	104	0	30	80-120	
Methyl tert-butyl ether	20.0	24.1	97	1	30	71-115	
Chloroethane	20.0	19.9	99	7	30	69-145	
1,1-Dichloroethane	20.0	19.8	99	1	30	78-122	
cis-1,2-Dichloroethene	20.0	20.9	104	1	30	80-120	
2-Butanone (MEK)	20.0	21.4	107	1	30	65-114	
Chloroform	20.0	20.3	102	1	30	82-123	
Ethylbenzene	20.0	21.5	106	0	30	79-126	
Cyclohexane	20.0	20.0	86	17	30	58-133	
Carbon tetrachloride	20.0	19.1	95	7	30	73-120	
Benzene	20.0	23.4	95	2	30	83-124	
1,2-Dichloroethane	20.0	19.7	98	0	30	74-118	
Trichloroethene	20.0	20.7	104	1	30	78-119	
Methylcyclohexane	20.0	25.6	71	17	30	61-129	
Dichlorobromomethane	20.0	20.3	101	1	30	79-119	
cis-1,3-Dichloropropene	20.0	20.2	101	2	30	80-120	
4-Methyl-2-pentanone (MIBK)	20.0	22.5	112	4	30	53-120	
Toluene	20.0	20.6	103	1	30	80-120	
trans-1,3-Dichloropropene	20.0	20.7	104	2	30	78-118	
1,1,2-Trichloroethane	20.0	25.1	126	1	30	79-119	F
Tetrachloroethene	20.0	20.8	104	5	30	68-139	
2-Hexanone	20.0	22.1	110	1	30	53-121	
1,2-Dibromoethane	20.0	20.8	104	2	30	78-118	
Chlorobenzene	20.0	22.7	99	0	30	81-121	
Styrene	20.0	21.3	107	1	30	69-112	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Matrix: Water Level: Low Lab File ID: d19269.d

Lab ID: 460-13279-2 MSD Client ID: GW-017338-051810-ACH-02 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Bromoform	20.0	21.0	105	1	30	73-123	
Isopropylbenzene	20.0	28.5	113	1	30	80-125	
1,1,2,2-Tetrachloroethane	20.0	21.6	108	2	30	74-126	
1,3-Dichlorobenzene	20.0	20.6	103	0	30	81-126	
1,4-Dichlorobenzene	20.0	21.3	105	3	30	83-123	
1,2,4-Trichlorobenzene	20.0	22.5	113	0	30	66-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab File ID: d19263.d Lab Sample ID: MB 460-38207/4

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: VOAMS4 Date Analyzed: 05/24/2010 20:56

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-38207/3	d19261.d	05/24/2010 19:40
Trip Blank-017338-051810-ACH-06	460-13279-6	d19264.d	05/24/2010 21:20
EB-017338-051810-ACH-01	460-13279-1	d19265.d	05/24/2010 21:44
GW-017338-051810-ACH-02	460-13279-2	d19266.d	05/24/2010 22:09
GW-017338-051810-ACH-02 MS	460-13279-2 MS	d19268.d	05/24/2010 22:57
GW-017338-051810-ACH-02 MSD	460-13279-2 MSD	d19269.d	05/24/2010 23:22
GW-017338-051810-ACH-03	460-13279-3	d19271.d	05/25/2010 00:10
GW-017338-051810-ACH-04	460-13279-4	d19272.d	05/25/2010 00:35
GW-017338-051810-ACH-05	460-13279-5	d19273.d	05/25/2010 00:59

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab File ID: d19209.d BFB Injection Date: 05/21/2010

Instrument ID: VOAMS4 BFB Injection Time: 20:17

Analysis Batch No.: 38138

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.1	
75	30.0 - 60.0 % of mass 95	49.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.2	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	78.4	
175	5.0 - 9.0 % of mass 174	6.2	(7.9)1
176	95.0 - 101.0 % of mass 174	77.3	(98.5)1
177	5.0 - 9.0 % of mass 176	5.0	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-38138/2	d19213.d	05/21/2010	22:32
	ICIS 460-38138/3	d19215.d	05/21/2010	23:22
	IC 460-38138/4	d19216.d	05/21/2010	23:46
	IC 460-38138/5	d19217.d	05/22/2010	00:10
	IC 460-38138/6	d19218.d	05/22/2010	00:34
	IC 460-38138/7	d19224.d	05/22/2010	03:00

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab File ID: d19258.d BFB Injection Date: 05/24/2010

Instrument ID: VOAMS4 BFB Injection Time: 18:31

Analysis Batch No.: 38207

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.3	
75	30.0 - 60.0 % of mass 95	47.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	96.4	
175	5.0 - 9.0 % of mass 174	7.6	(7.9)1
176	95.0 - 101.0 % of mass 174	93.9	(97.5)1
177	5.0 - 9.0 % of mass 176	6.1	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-38207/2	d19260.d	05/24/2010	19:15
	LCS 460-38207/3	d19261.d	05/24/2010	19:40
	MB 460-38207/4	d19263.d	05/24/2010	20:56
Trip Blank-017338-051810-ACH-06	460-13279-6	d19264.d	05/24/2010	21:20
EB-017338-051810-ACH-01	460-13279-1	d19265.d	05/24/2010	21:44
GW-017338-051810-ACH-02	460-13279-2	d19266.d	05/24/2010	22:09
GW-017338-051810-ACH-02 MS	460-13279-2 MS	d19268.d	05/24/2010	22:57
GW-017338-051810-ACH-02 MSD	460-13279-2 MSD	d19269.d	05/24/2010	23:22
GW-017338-051810-ACH-03	460-13279-3	d19271.d	05/25/2010	00:10
GW-017338-051810-ACH-04	460-13279-4	d19272.d	05/25/2010	00:35
GW-017338-051810-ACH-05	460-13279-5	d19273.d	05/25/2010	00:59
	CCV 460-38207/13	d19275.d	05/25/2010	01:53

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Sample No.: CCVIS 460-38207/2 Date Analyzed: 05/24/2010 19:15

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): d19260.d Heated Purge: (Y/N) N

Calibration ID: 6290

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		843362	4.73	684685	8.10	413792	10.05
UPPER LIMIT		1686724	5.23	1369370	8.60	827584	10.55
LOWER LIMIT		421681	4.23	342343	7.60	206896	9.55
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-38207/3		871861	4.74	701271	8.11	419732	10.05
MB 460-38207/4		805451	4.73	624433	8.10	374603	10.05
460-13279-6	Trip Blank-017338-051810-ACH-06	771609	4.73	590047	8.10	354338	10.05
460-13279-1	EB-017338-051810-ACH-01	783350	4.74	598868	8.11	356566	10.05
460-13279-2	GW-017338-051810-ACH-02	714145	4.73	563763	8.10	332765	10.05
460-13279-2 MS	GW-017338-051810-ACH-02 MS	887750	4.74	729456	8.11	437658	10.05
460-13279-2 MSD	GW-017338-051810-ACH-02 MSD	905035	4.74	742546	8.11	443529	10.05
460-13279-3	GW-017338-051810-ACH-03	758198	4.74	585238	8.11	347837	10.05
460-13279-4	GW-017338-051810-ACH-04	830988	4.74	639337	8.11	383745	10.05
460-13279-5	GW-017338-051810-ACH-05	814199	4.74	624882	8.11	374907	10.05

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: EB-017338-051810-ACH-01 Lab Sample ID: 460-13279-1

Matrix: Water Lab File ID: d19265.d

Analysis Method: 8260B Date Collected: 05/18/2010 08:40

Sample wt/vol: 5(mL) Date Analyzed: 05/24/2010 21:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: EB-017338-051810-ACH-01 Lab Sample ID: 460-13279-1

Matrix: Water Lab File ID: d19265.d

Analysis Method: 8260B Date Collected: 05/18/2010 08:40

Sample wt/vol: 5(mL) Date Analyzed: 05/24/2010 21:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105	70-122	
460-00-4	4-Bromofluorobenzene	99	69-135	
2037-26-5	Toluene-d8 (Surr)	100	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: EB-017338-051810-ACH-01 Lab Sample ID: 460-13279-1

Matrix: Water Lab File ID: d19265.d

Analysis Method: 8260B Date Collected: 05/18/2010 08:40

Sample wt/vol: 5(mL) Date Analyzed: 05/24/2010 21:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19265.d
Report Date: 26-May-2010 10:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19265.d
Lab Smp Id: 460-13279-C-1 Client Smp ID: EB-017338-051810-AC
Inj Date : 24-MAY-2010 21:44
Operator : Inst ID: VOAMS4.i
Smp Info : 460-13279-C-1
Misc Info : 460-13279-C-1
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:09 vibha Quant Type: ISTD
Cal Date : 24-MAY-2010 19:15 Cal File: d19260.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.468	4.462	(0.943)	36135	52.4444	52
* 52 Fluorobenzene	96	4.737	4.730	(1.000)	783350	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.468	6.468	(0.798)	645586	50.2511	50
* 78 Chlorobenzene-d5	117	8.108	8.102	(1.000)	598868	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.175	9.175	(0.913)	286850	49.3513	49
* 108 1,4-Dichlorobenzene-d4	152	10.047	10.046	(1.000)	356566	50.0000	

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19265.d
Report Date: 26-May-2010 10:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19265.d
Lab Smp Id: 460-13279-C-1 Client Smp ID: EB-017338-051810-AC
Inj Date : 24-MAY-2010 21:44
Operator : Inst ID: VOAMS4.i
Smp Info : 460-13279-C-1
Misc Info : 460-13279-C-1
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:09 vibha Quant Type: ISTD
Cal Date : 24-MAY-2010 19:15 Cal File: d19260.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

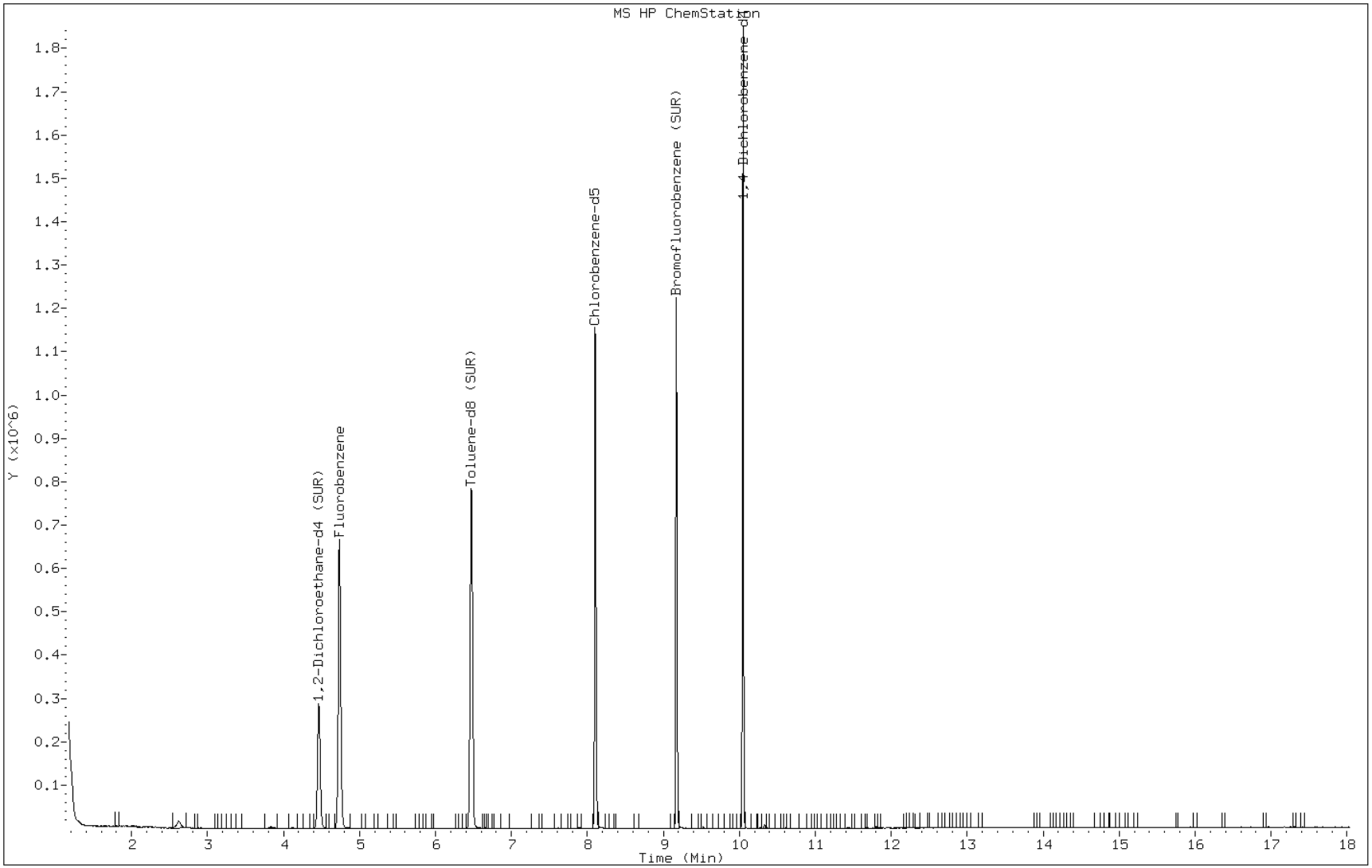
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d19265.d

Date: 24-MAY-2010 21:44

Client ID: EB-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-1 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-02 Lab Sample ID: 460-13279-2

Matrix: GW Lab File ID: d19266.d

Analysis Method: 8260B Date Collected: 05/18/2010 09:30

Sample wt/vol: 5(mL) Date Analyzed: 05/24/2010 22:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.27	J	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	4.6		1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	0.33	J	1.0	0.25
110-82-7	Cyclohexane	2.8		1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	4.5		1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	11		1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-02 Lab Sample ID: 460-13279-2

Matrix: GW Lab File ID: d19266.d

Analysis Method: 8260B Date Collected: 05/18/2010 09:30

Sample wt/vol: 5(mL) Date Analyzed: 05/24/2010 22:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	2.9		1.0	0.16
1330-20-7	Xylenes, Total	1.2	J	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	6.0		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	0.28	J	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105	70-122	
460-00-4	4-Bromofluorobenzene	101	69-135	
2037-26-5	Toluene-d8 (Surr)	103	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-02 Lab Sample ID: 460-13279-2

Matrix: GW Lab File ID: d19266.d

Analysis Method: 8260B Date Collected: 05/18/2010 09:30

Sample wt/vol: 5(mL) Date Analyzed: 05/24/2010 22:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

Number TICs Found: 10 TIC Result Total: 887

CAS NO.	COMPOUND NAME	RT	RESULT	Q
496-11-7	Indane	10.18	190	J N
	Diethylbenzene isomer	10.23	24	J
	Ethyldimethylbenzene isomer	10.53	120	J
	C10H12 Aromatic	10.60	24	J
	Tetramethylbenzene isomer	10.82	100	J
	2,3-dihydro-methyl-1H-Indene isomer	11.01	16	J
	2,3-dihydro-methyl-1H-Indene isomer-1	11.14	170	J
	Unknown Aromatic	11.38	12	J
	2,3-dihydro-dimethyl-1H-Indene isomer	11.45	11	J
91-20-3	Naphthalene	11.67	220	

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19266.d
Report Date: 26-May-2010 10:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19266.d
Lab Smp Id: 460-13279-C-2 Client Smp ID: GW-017338-051810-AC
Inj Date : 24-MAY-2010 22:09
Operator : Inst ID: VOAMS4.i
Smp Info : 460-13279-C-2
Misc Info : 460-13279-C-2
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:09 vibha Quant Type: ISTD
Cal Date : 24-MAY-2010 19:15 Cal File: d19260.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 MTBE	73	2.773	2.779	(0.586)	64686	4.61467	4.6
	32 DIPE	45	3.072	3.072	(0.649)	9131	0.68608	0.69(a)
	44 Cyclohexane	56	3.755	3.749	(0.794)	19417	2.82607	2.8
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.462	4.462	(0.943)	33137	52.7547	53
	48 Benzene	78	4.328	4.328	(0.534)	71316	4.48485	4.5
*	52 Fluorobenzene	96	4.730	4.730	(1.000)	714145	50.0000	
	56 Methyl cyclohexane	83	4.883	4.883	(1.032)	78295	11.4488	11
$	65 Toluene-d8 (SUR)	98	6.468	6.468	(0.798)	621270	51.3696	51
*	78 Chlorobenzene-d5	117	8.102	8.102	(1.000)	563763	50.0000	
	79 Chlorobenzene	112	8.120	8.120	(1.002)	32943	2.89405	2.9
	81 Ethylbenzene	106	8.175	8.169	(1.009)	1879	0.33046	0.33(a)
	82 m+p-Xylene	106	8.309	8.309	(1.026)	6205	0.87097	0.87(a)
	84 o-Xylene	106	8.681	8.681	(1.071)	2252	0.31874	0.32(a)
	88 Isopropylbenzene	105	8.955	8.955	(1.105)	111229	5.97965	6.0
$	89 Bromofluorobenzene (SUR)	174	9.175	9.175	(0.913)	272796	50.2902	50
	95 n-Propylbenzene	91	9.297	9.296	(0.925)	38220	1.76381	1.8

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19266.d
Report Date: 26-May-2010 10:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	100 tert-Butylbenzene	119	9.705	9.705	(0.966)	3971	0.30551	0.30(a)
	101 1,2,4-Trimethylbenzene	105	9.760	9.760	(0.971)	6657	0.38961	0.39(a)
	103 sec-Butylbenzene	105	9.839	9.839	(0.979)	38261	1.87372	1.9
*	108 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	332765	50.0000	
	109 1,4-Dichlorobenzene	146	10.059	10.059	(1.001)	3058	0.28210	0.28(a)
	106 n-Butylbenzene	91	10.272	10.272	(1.022)	69604	2.45332	2.4
	111 1,2-Dichlorobenzene	146	10.370	10.369	(1.032)	2944	0.27125	0.27(a)
	116 Naphthalene	128	11.674	11.674	(1.162)	4754622	222.127	220
M	121 Xylene (Total)	100				8457	1.18971	1.2(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19266.d
Report Date: 26-May-2010 10:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19266.d
Lab Smp Id: 460-13279-C-2 Client Smp ID: GW-017338-051810-AC
Inj Date : 24-MAY-2010 22:09
Operator : Inst ID: VOAMS4.i
Smp Info : 460-13279-C-2
Misc Info : 460-13279-C-2
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:09 vibha Quant Type: ISTD
Cal Date : 24-MAY-2010 19:15 Cal File: d19260.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 108 1,4-Dichlorobenzene-d4	10.046	1946980	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Indane				CAS #: 496-11-7			
10.181	7506977	192.785097	190	95	NIST02.l	8676	108
Diethylbenzene isomer				CAS #:			
10.229	921391	23.6620518	24	0		0	108
Ethyldimethylbenzene isomer				CAS #:			
10.528	4787224	122.939676	120	0		0	108

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19266.d
Report Date: 26-May-2010 10:09

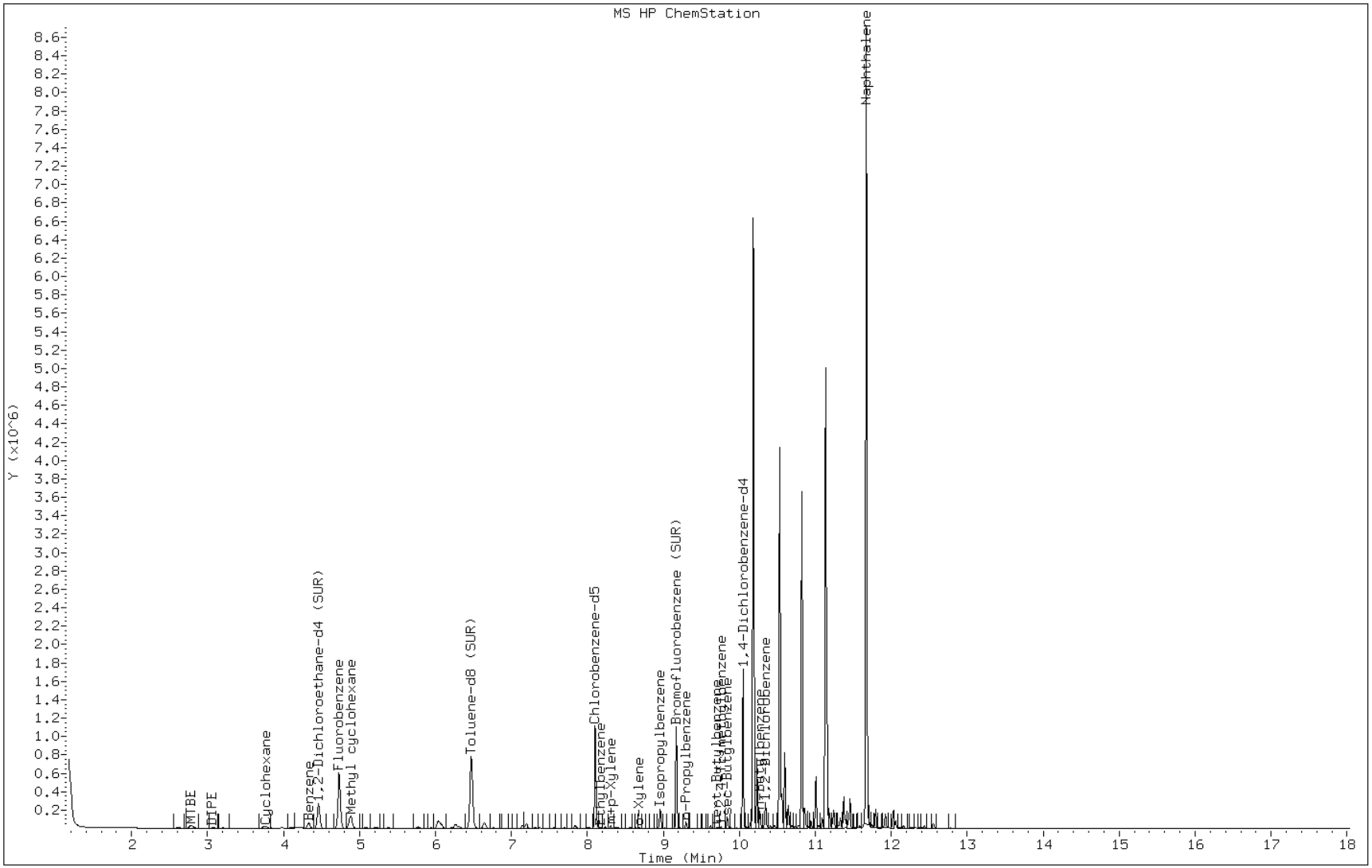
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
C10H12 Aromatic					CAS #:		
10.601	918902	23.5981153	24	0		0	108
Tetramethylbenzene isomer					CAS #:		
10.821	4086606	104.947252	100	0		0	108
Unknown					CAS #:		
10.863	312714	8.03075381	8.0	0		0	108
2,3-dihydro-methyl-1H-Indene isomer					CAS #:		
11.010	627547	16.1159037	16	0		0	108
2,3-dihydro-methyl-1H-Indene isomer-1					CAS #:		
11.138	6612801	169.821930	170	0		0	108
Unknown Aromatic					CAS #:		
11.375	465915	11.9650709	12	0		0	108
2,3-dihydro-dimethyl-1H-Indene isomer					CAS #:		
11.455	439336	11.2825035	11	0		0	108

Data File: d19266.d

Date: 24-MAY-2010 22:09

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-2 Operator:



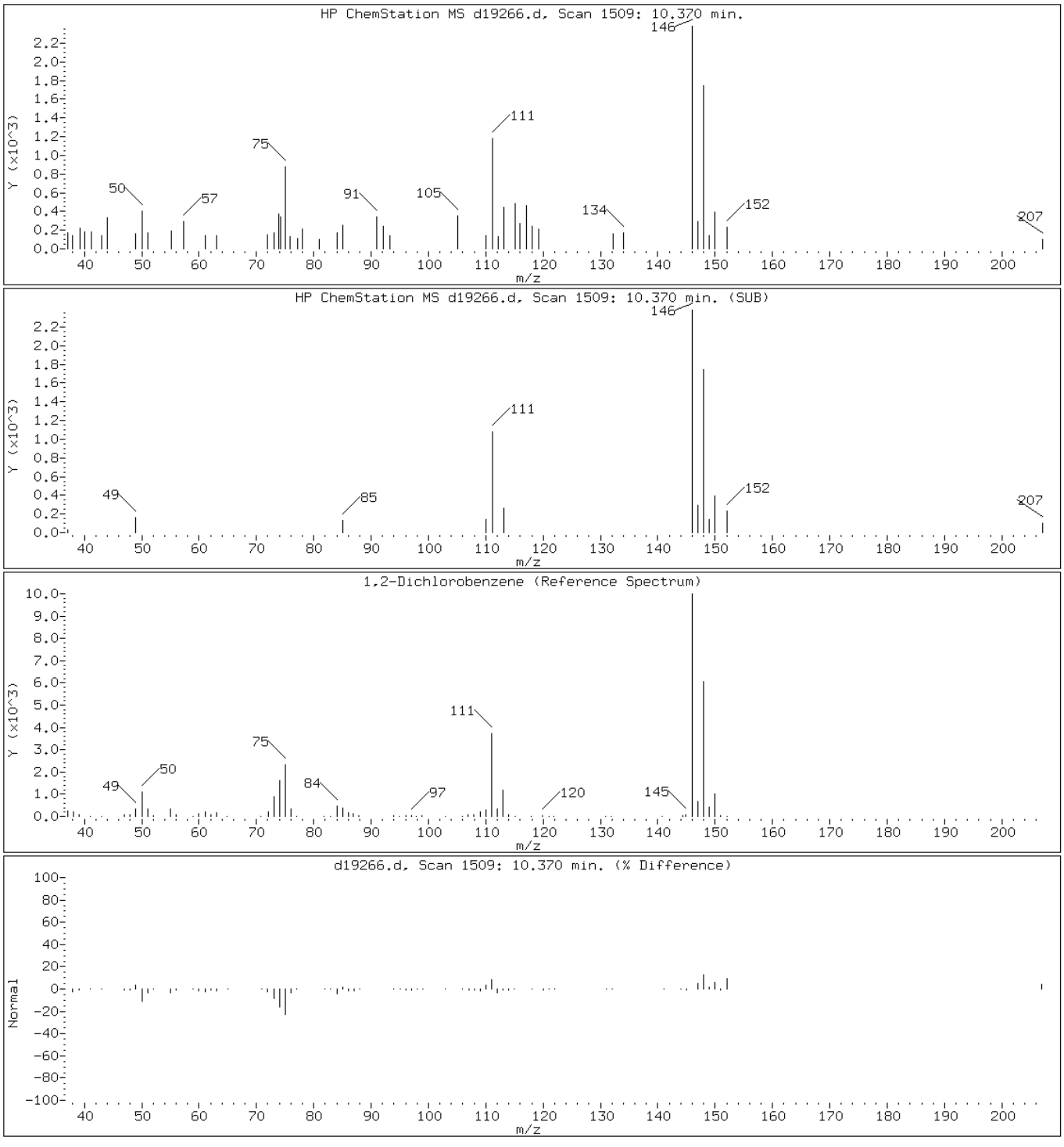
Data File: d19266.d

Date: 24-MAY-2010 22:09

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-2 Operator:

111 1,2-Dichlorobenzene



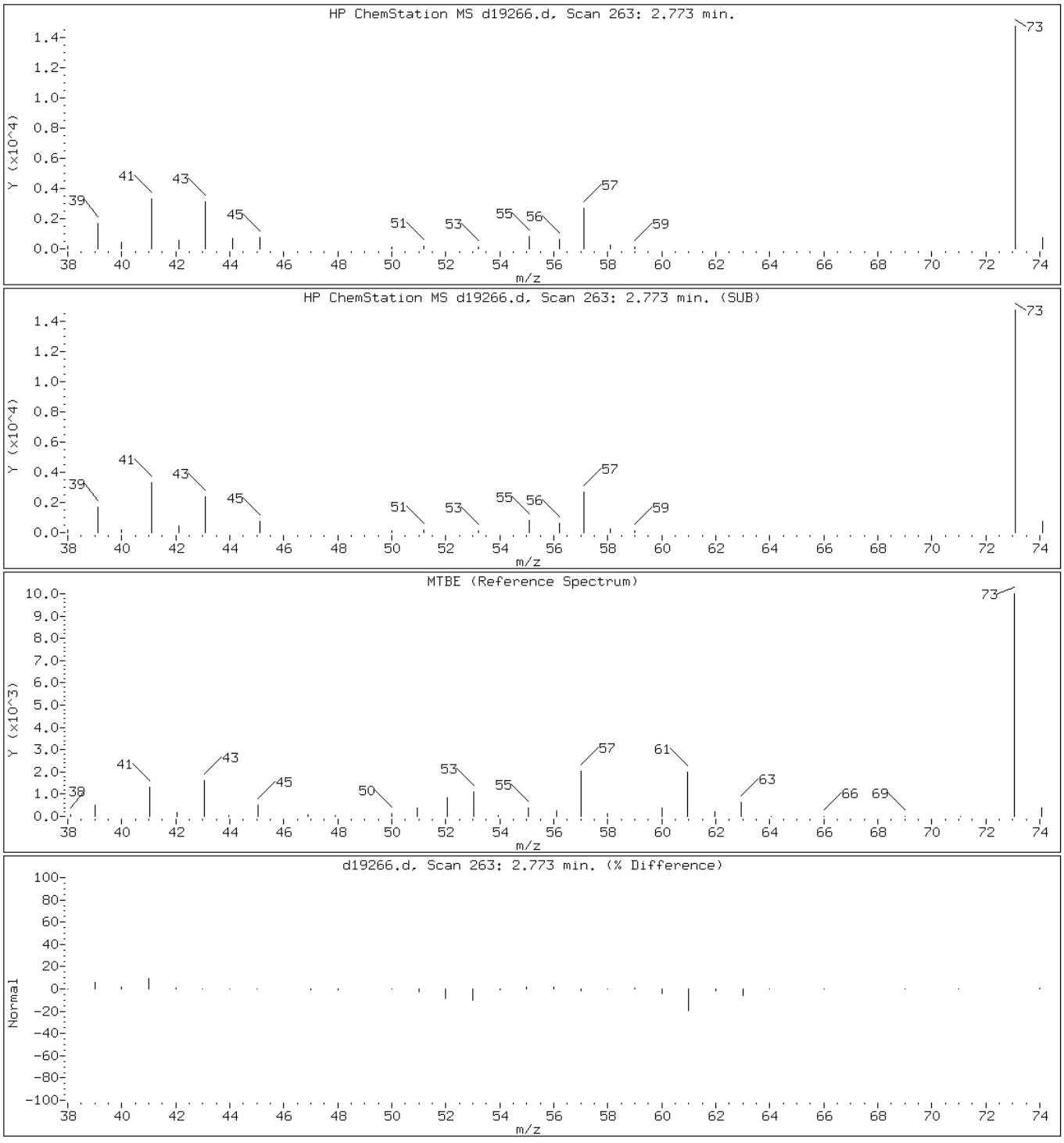
Data File: d19266.d

Date: 24-MAY-2010 22:09

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-2 Operator:

28 MTBE



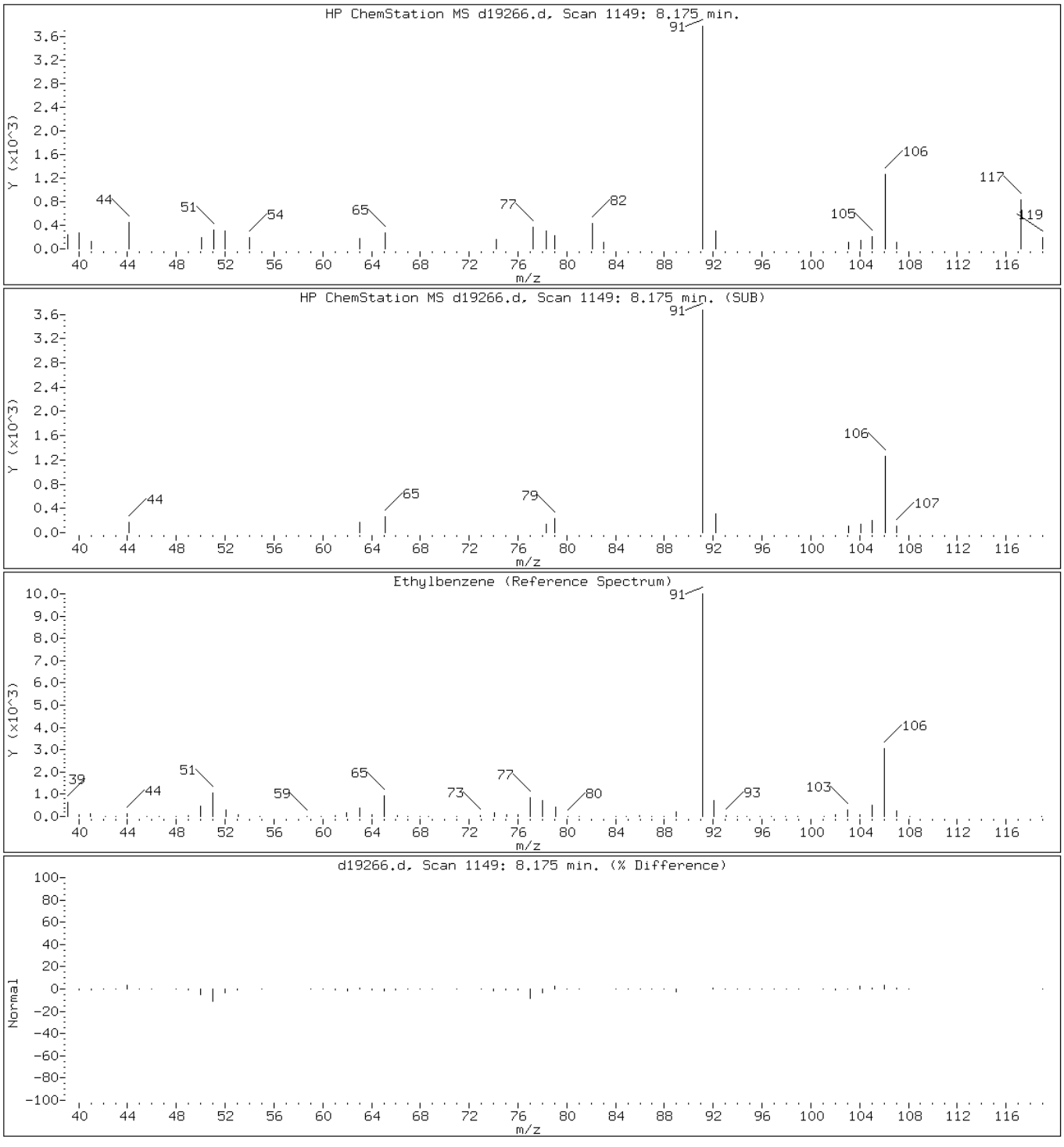
Data File: d19266.d

Date: 24-MAY-2010 22:09

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-2 Operator:

81 Ethylbenzene



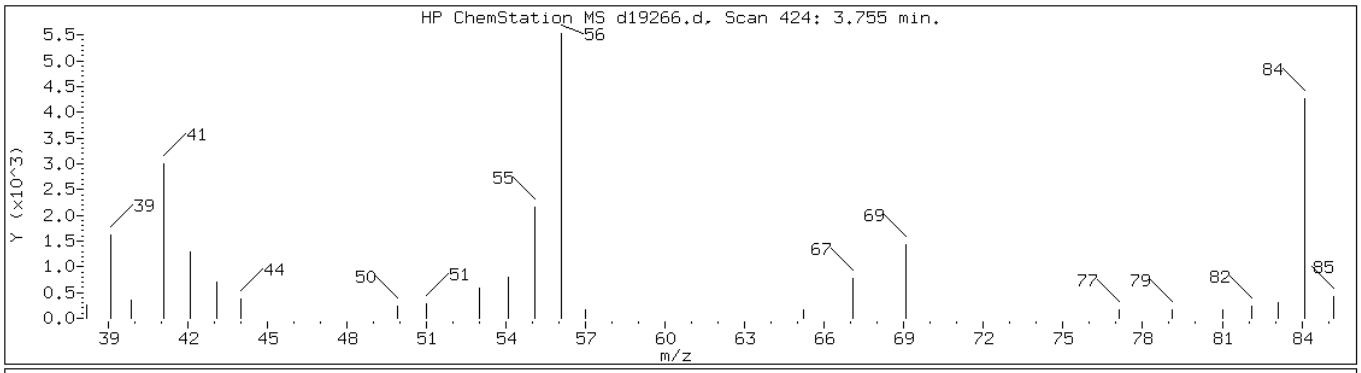
Data File: d19266.d

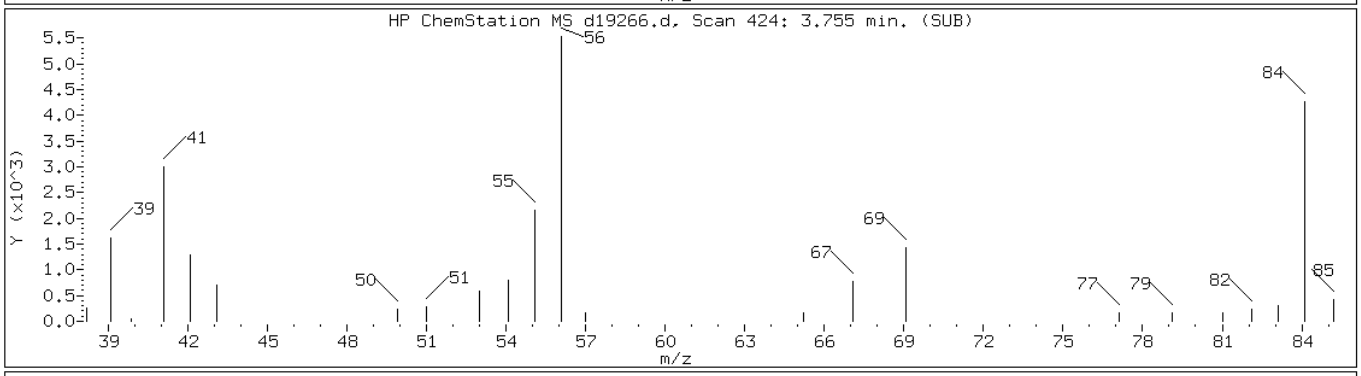
Date: 24-MAY-2010 22:09

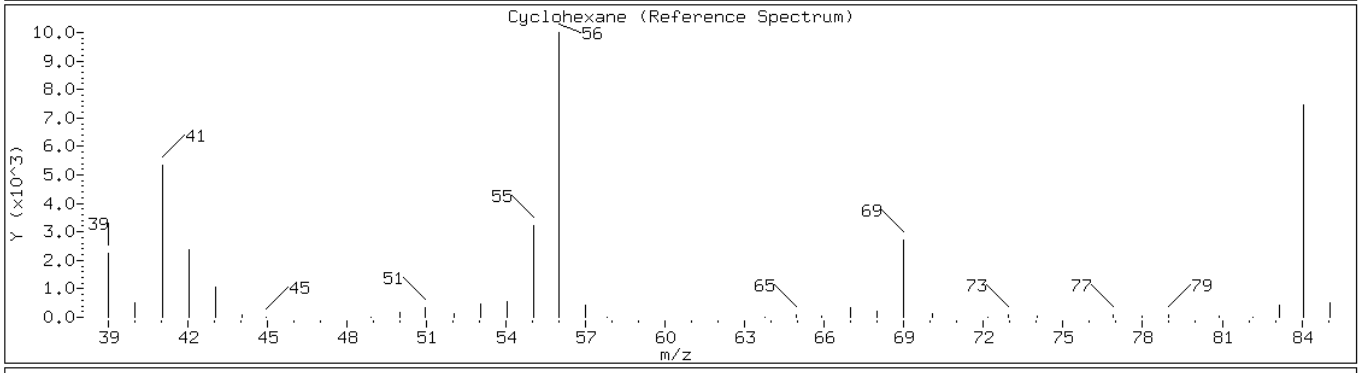
Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

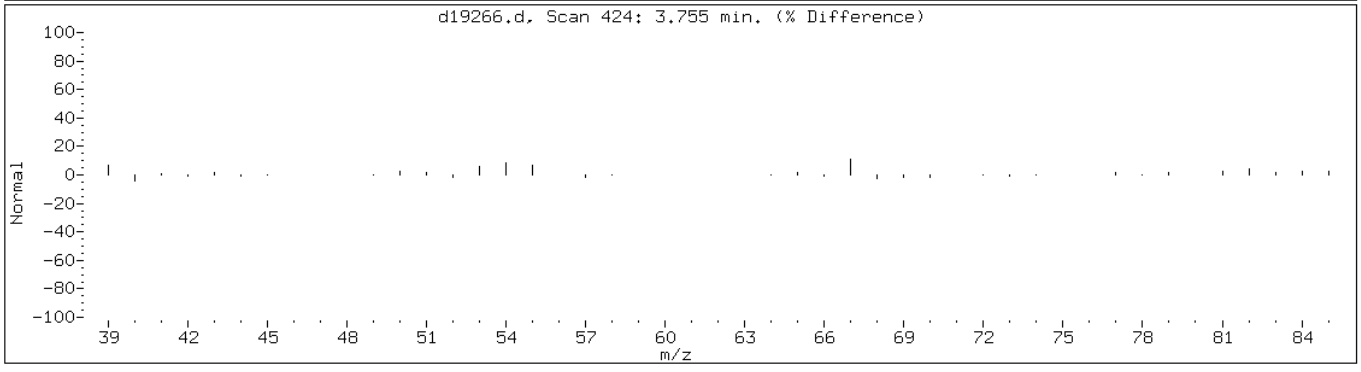
Sample Info: 460-13279-C-2 Operator:

44 Cyclohexane









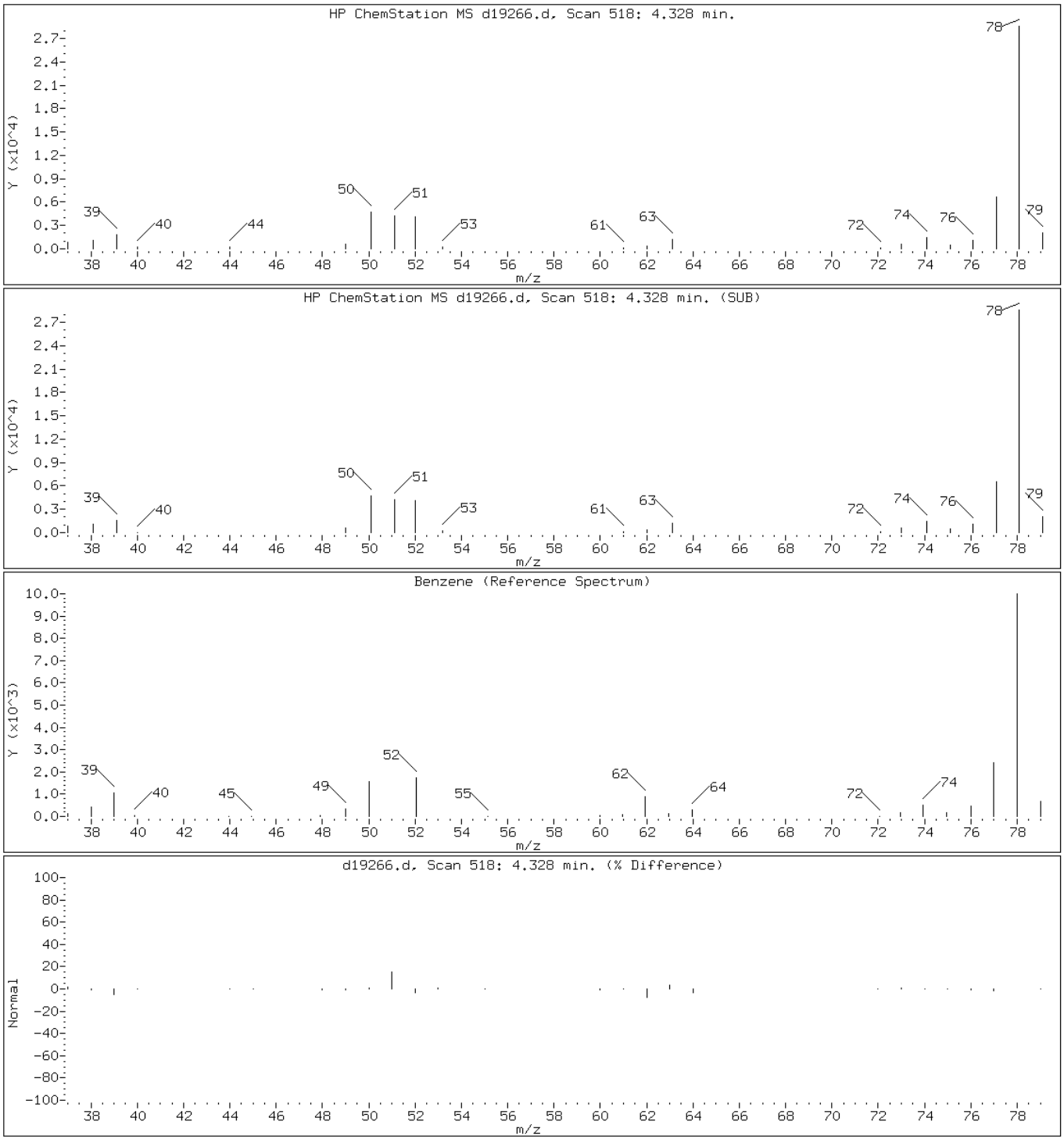
Data File: d19266.d

Date: 24-MAY-2010 22:09

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-2 Operator:

48 Benzene



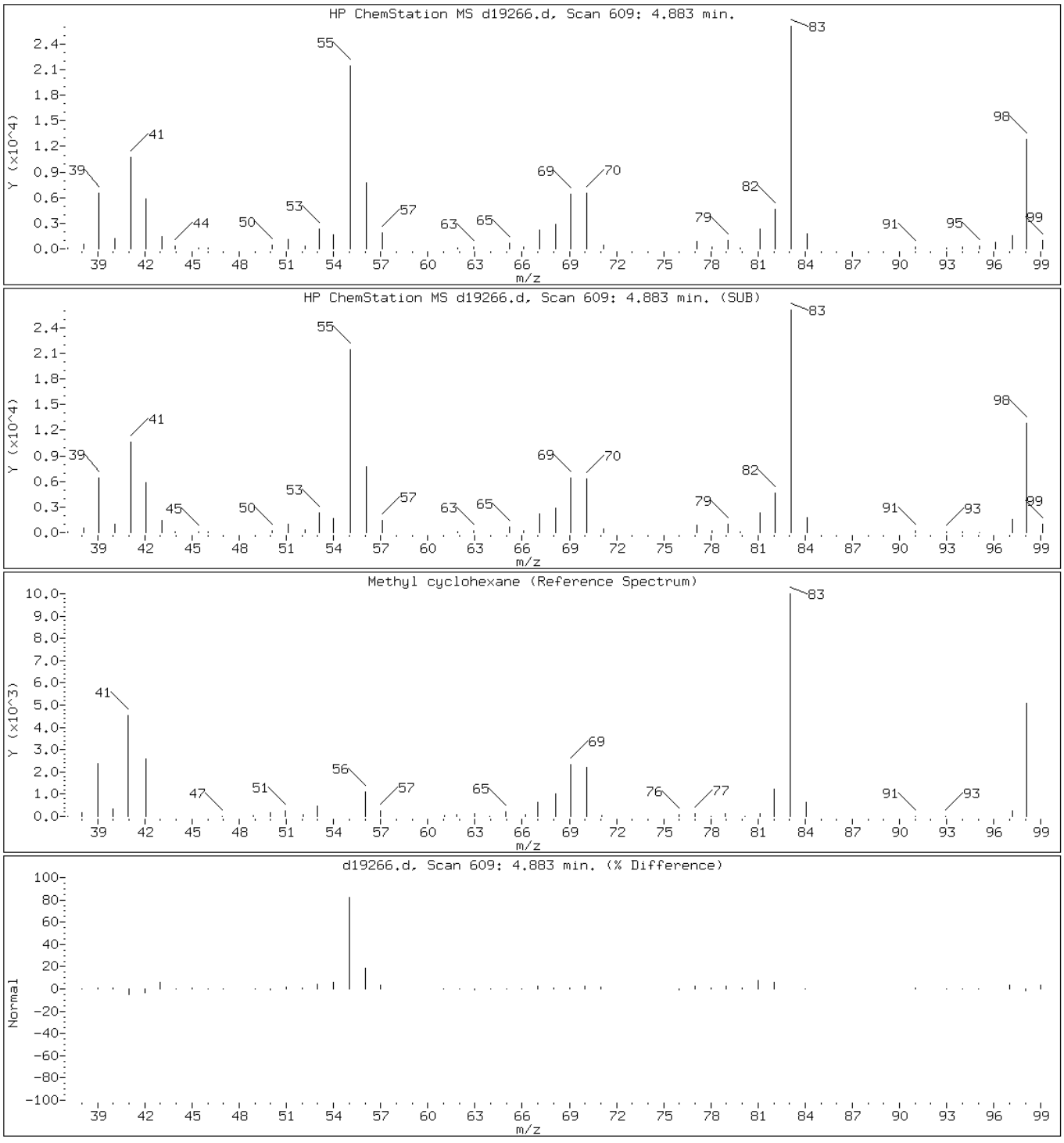
Data File: d19266.d

Date: 24-MAY-2010 22:09

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-2 Operator:

56 Methyl cyclohexane



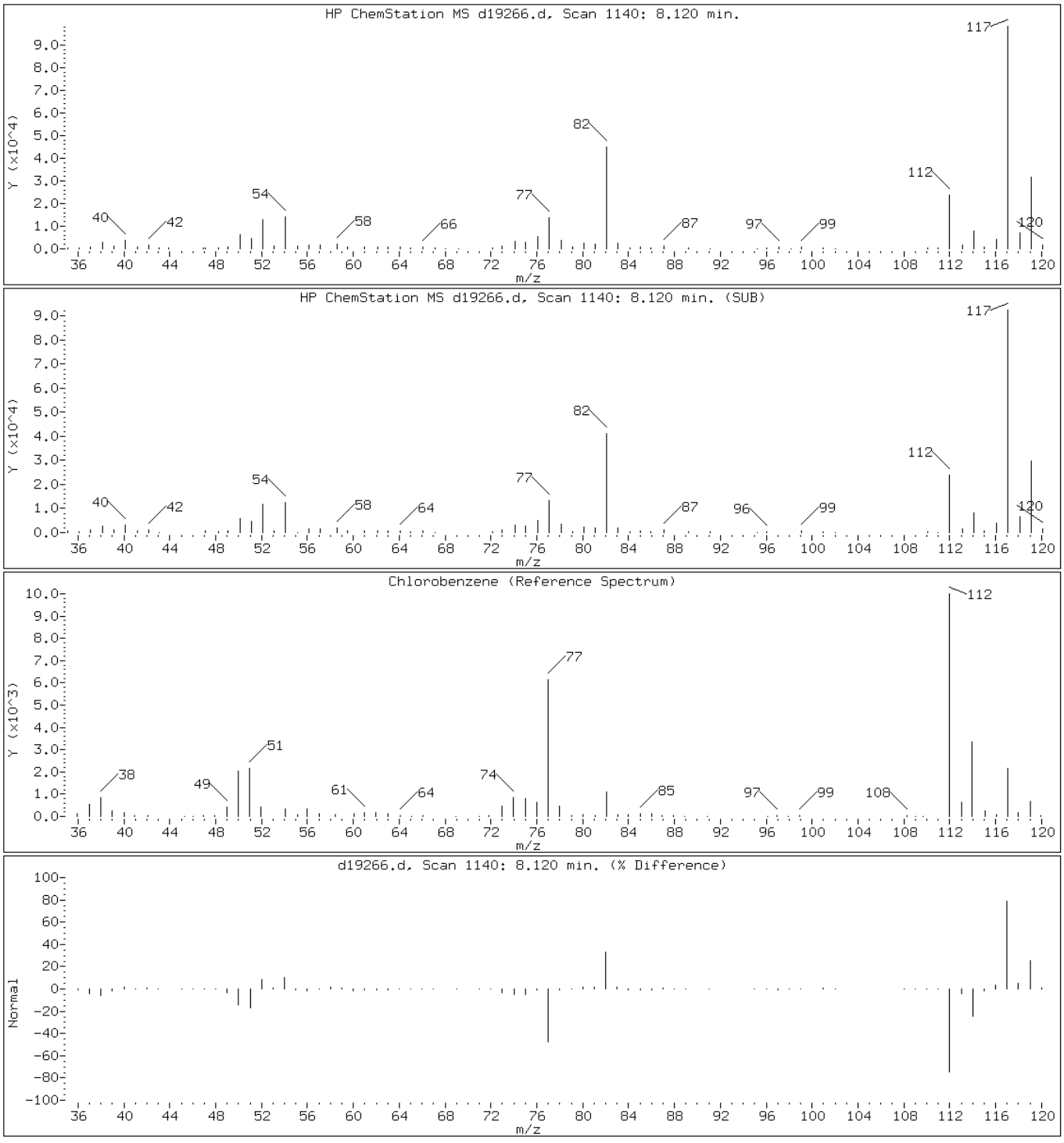
Data File: d19266.d

Date: 24-MAY-2010 22:09

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-2 Operator:

79 Chlorobenzene



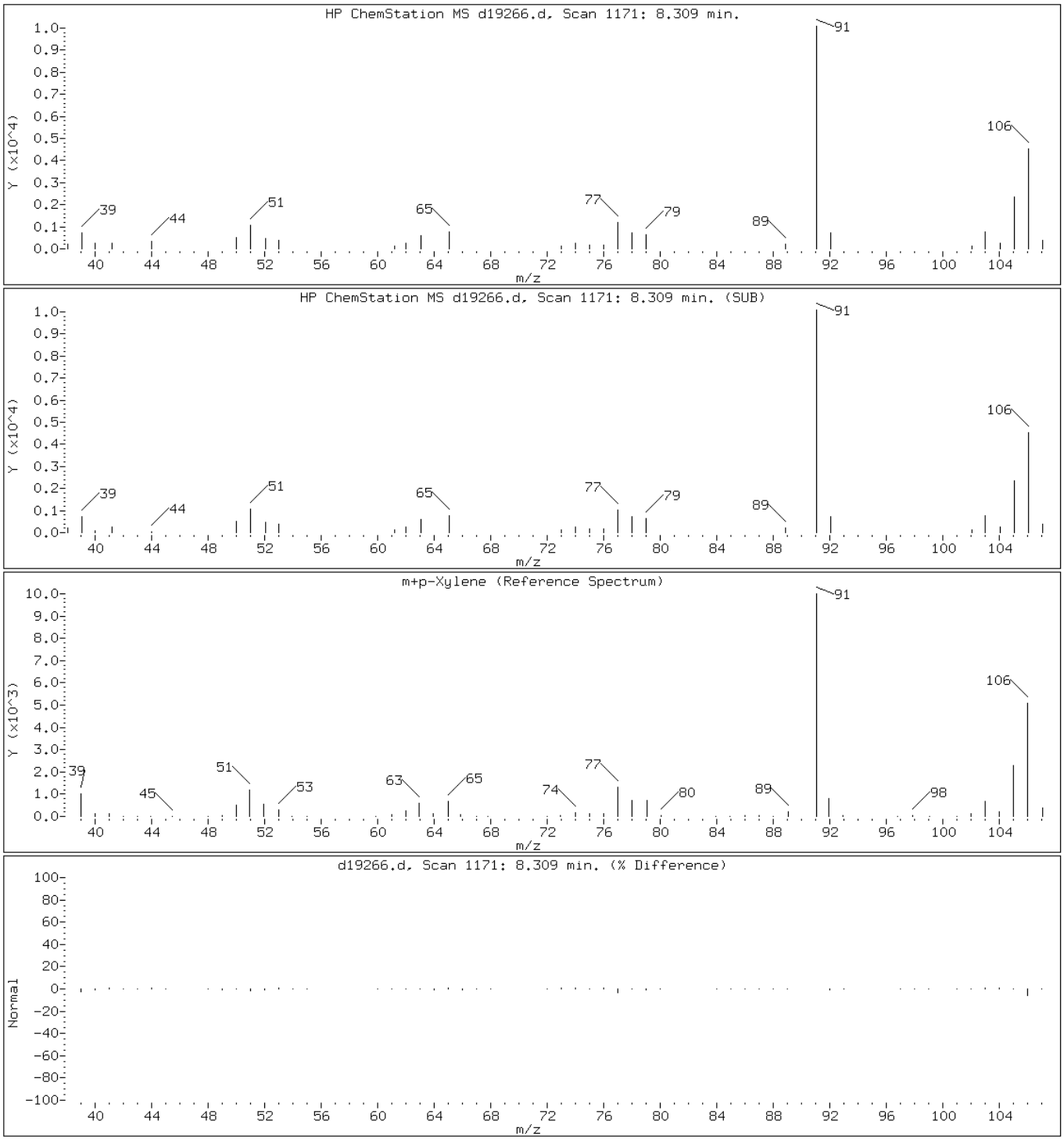
Data File: d19266.d

Date: 24-MAY-2010 22:09

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-2 Operator:

82 m+p-Xylene



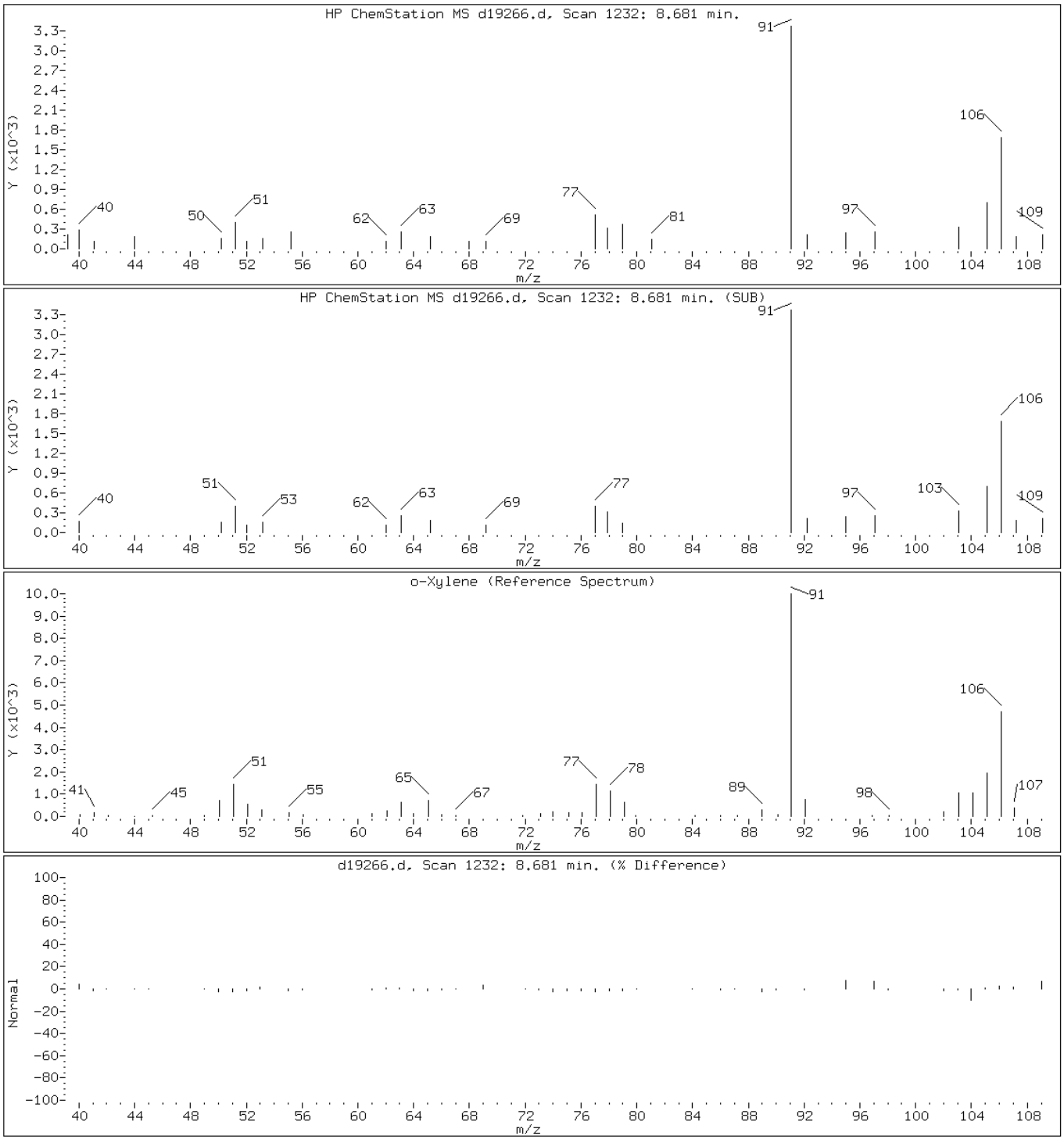
Data File: d19266.d

Date: 24-MAY-2010 22:09

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-2 Operator:

84 o-Xylene



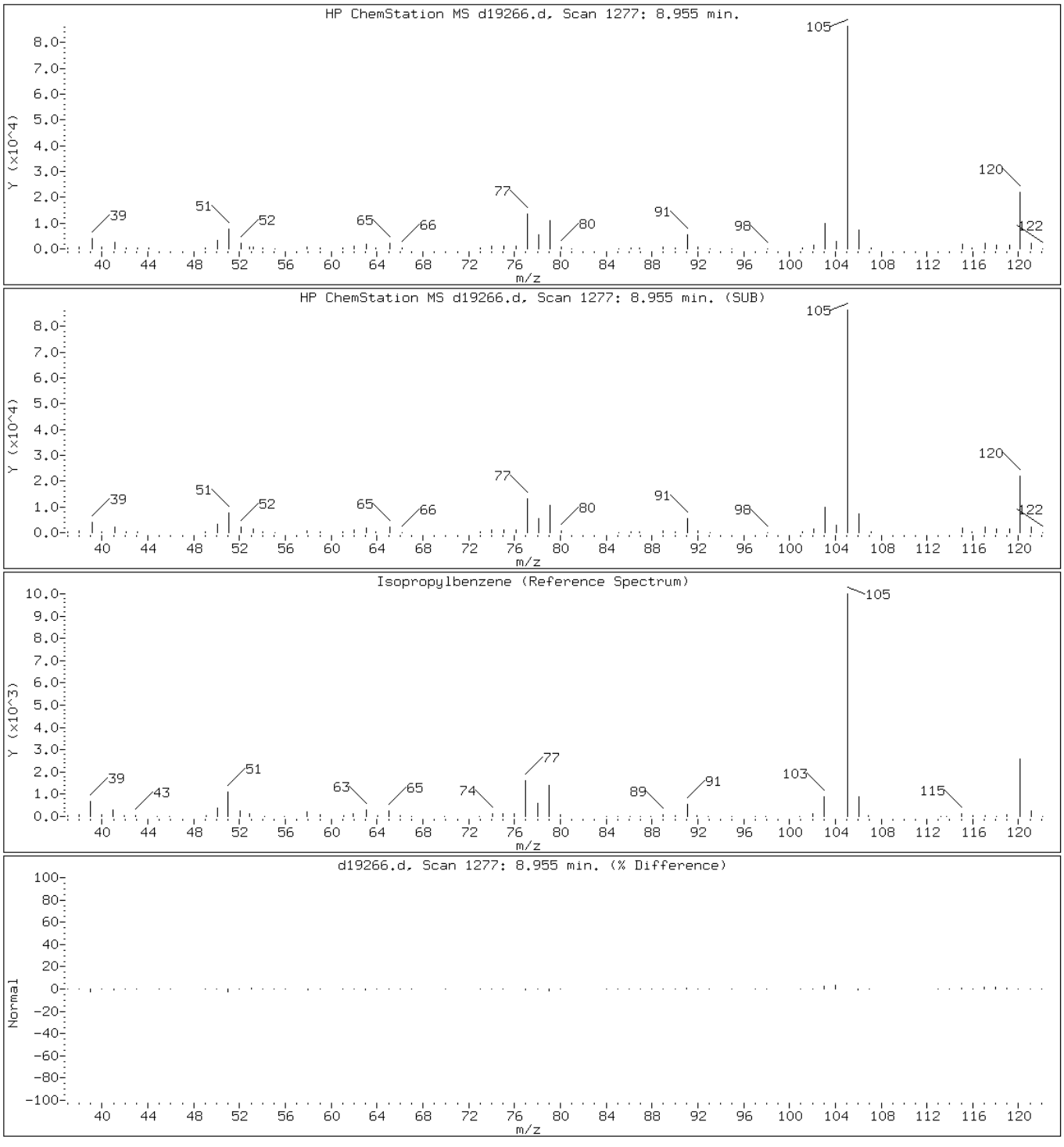
Data File: d19266.d

Date: 24-MAY-2010 22:09

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-2 Operator:

88 Isopropylbenzene



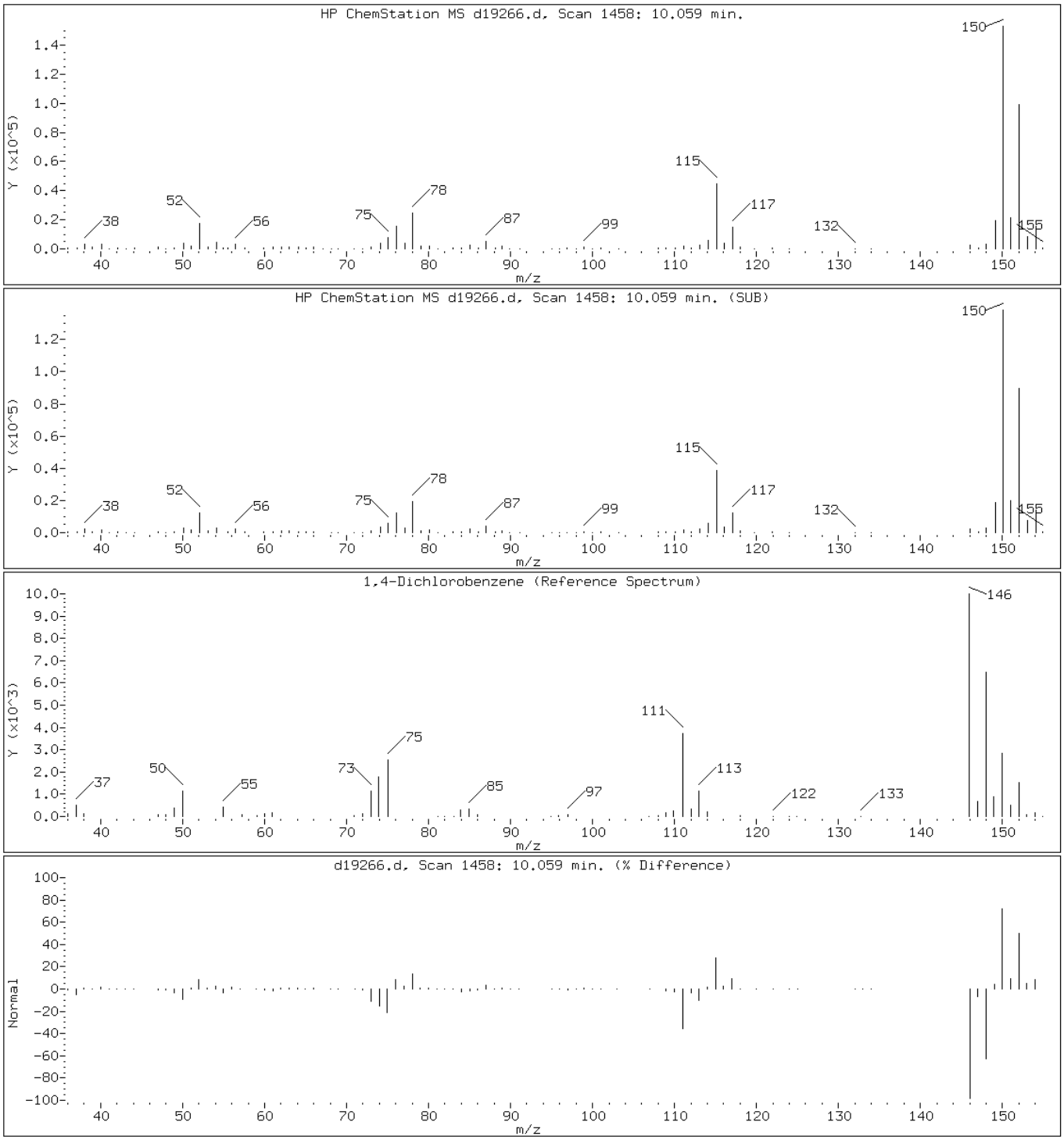
Data File: d19266.d

Date: 24-MAY-2010 22:09

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-2 Operator:

109 1,4-Dichlorobenzene



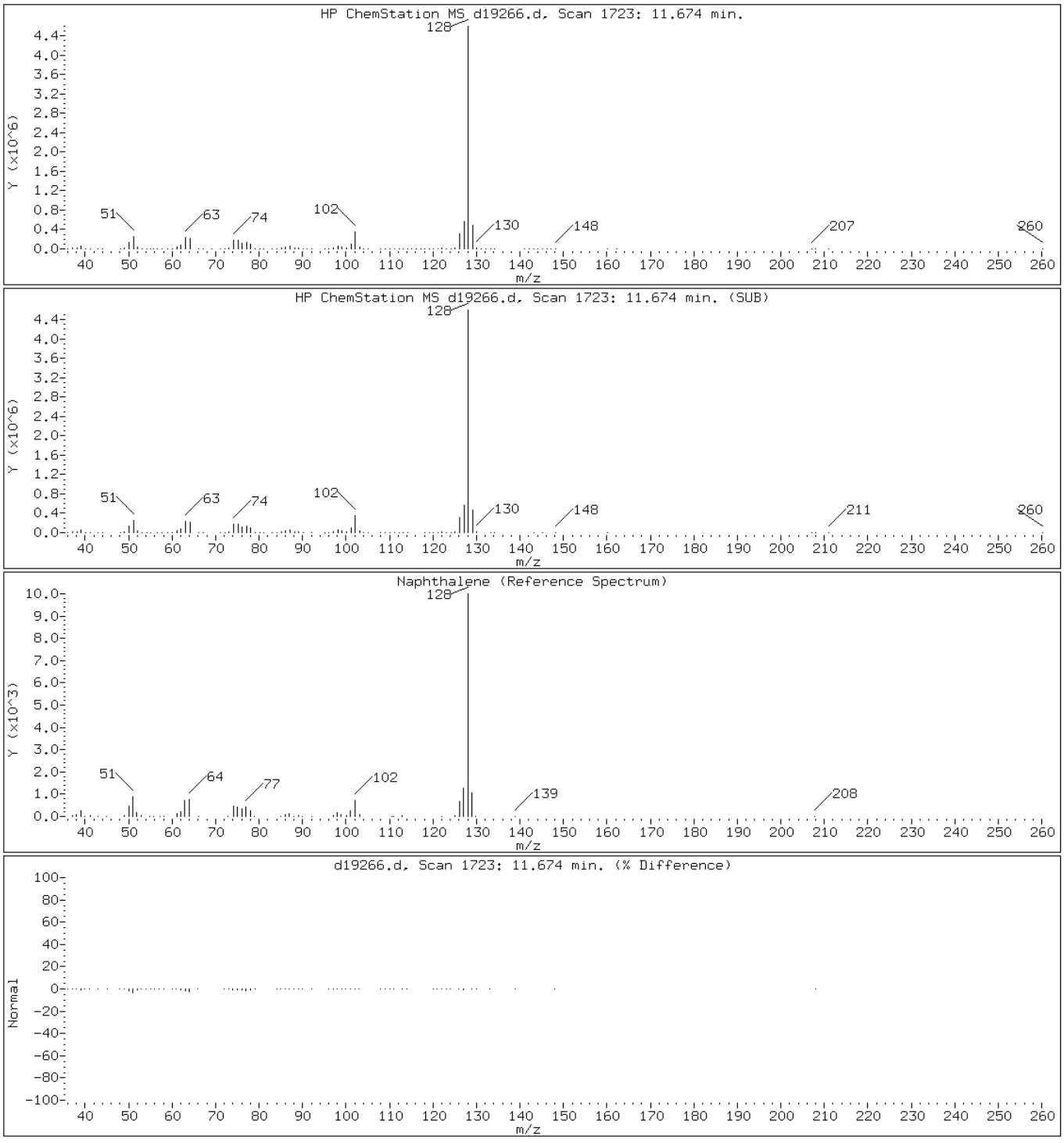
Data File: d19266.d

Date: 24-MAY-2010 22:09

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-2 Operator:

116 Naphthalene



Data File: d19266.d

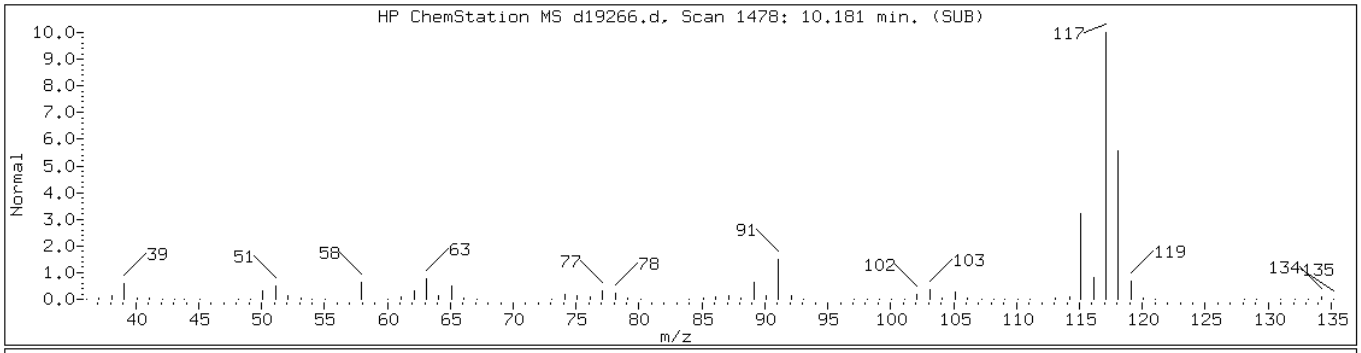
Date: 24-MAY-2010 22:09

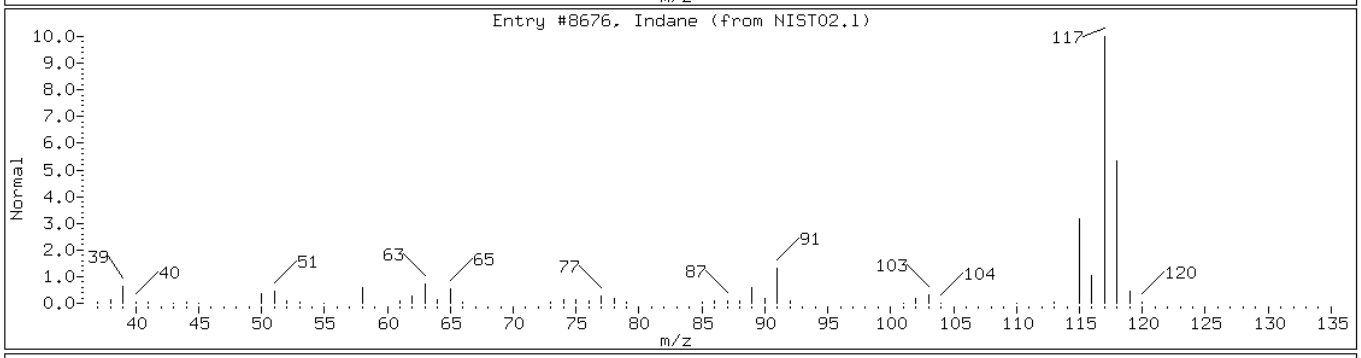
Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

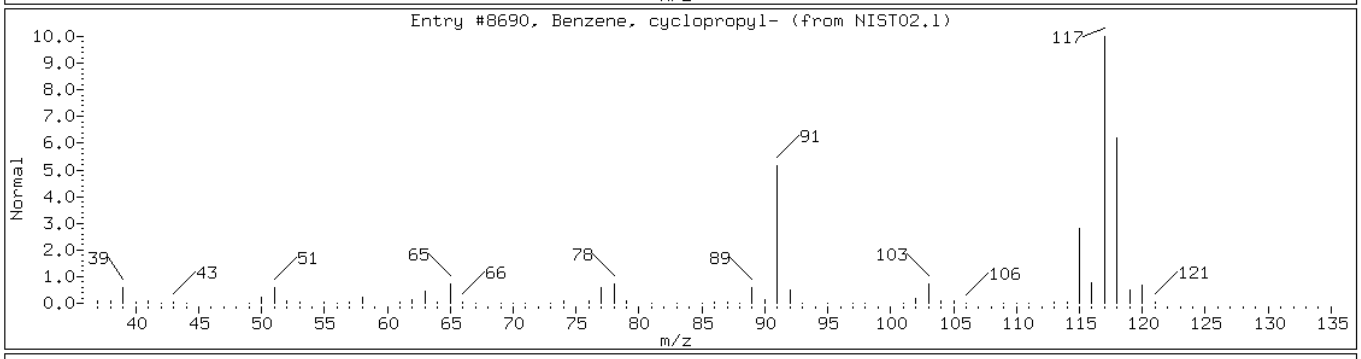
Sample Info: 460-13279-C-2 Operator:

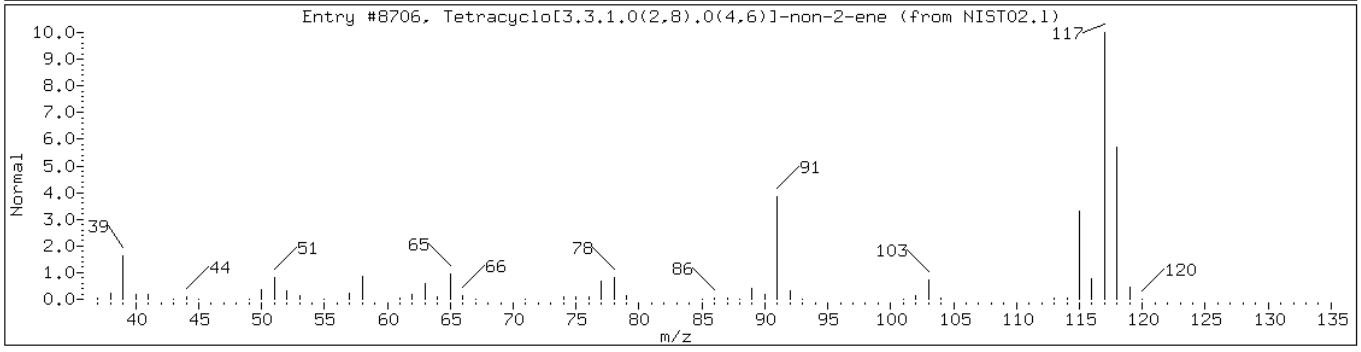
Retention Time: 10.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8676	95	C9H10	118
Benzene, cyclopropyl-	873-49-4	NIST02.l	8690	83	C9H10	118
Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	1000191-13-7	NIST02.l	8706	80	C9H10	118









Data File: d19266.d

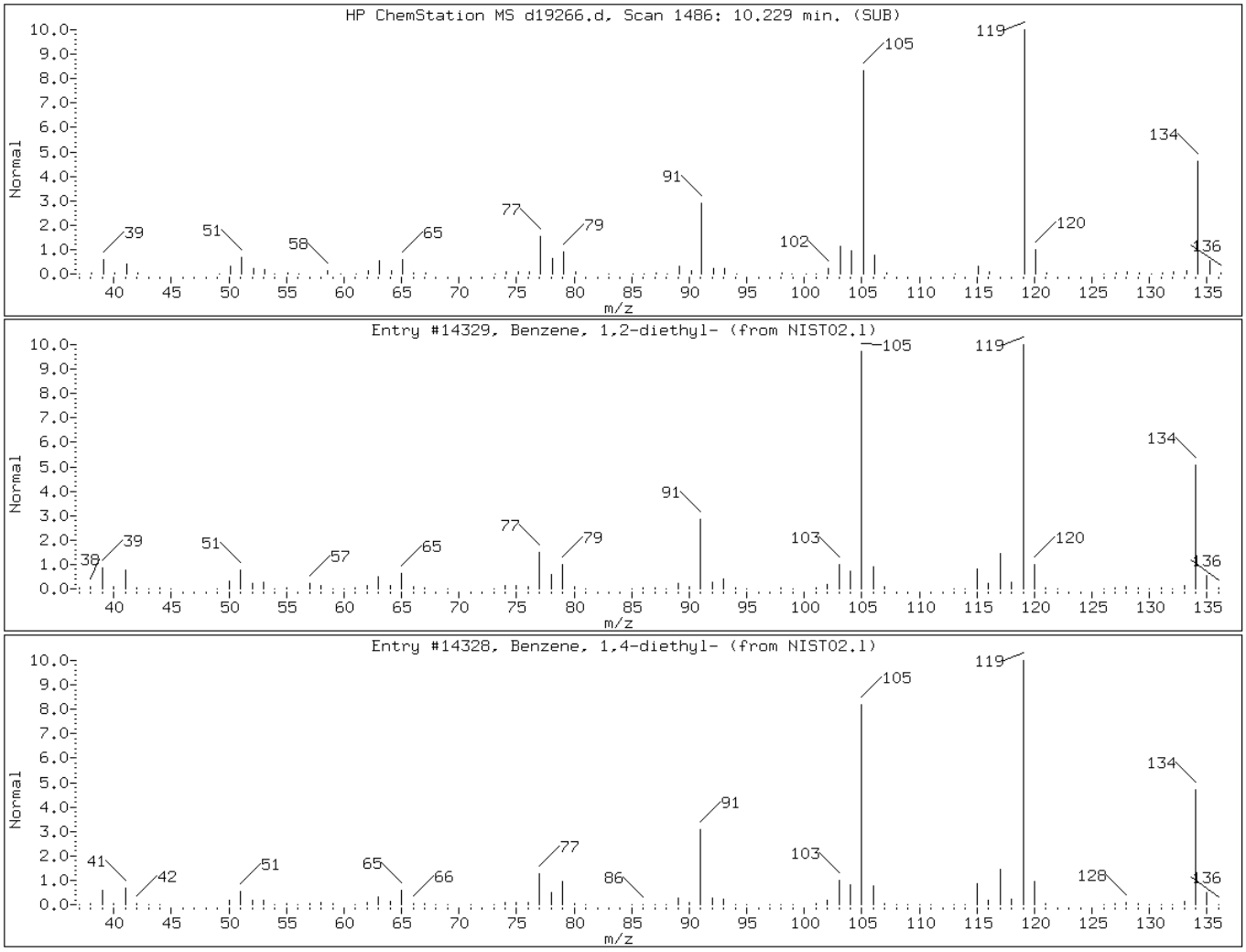
Date: 24-MAY-2010 22:09

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-2 Operator:

Retention Time: 10.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer						
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14329	94	C10H14	134
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14328	94	C10H14	134



Data File: d19266.d

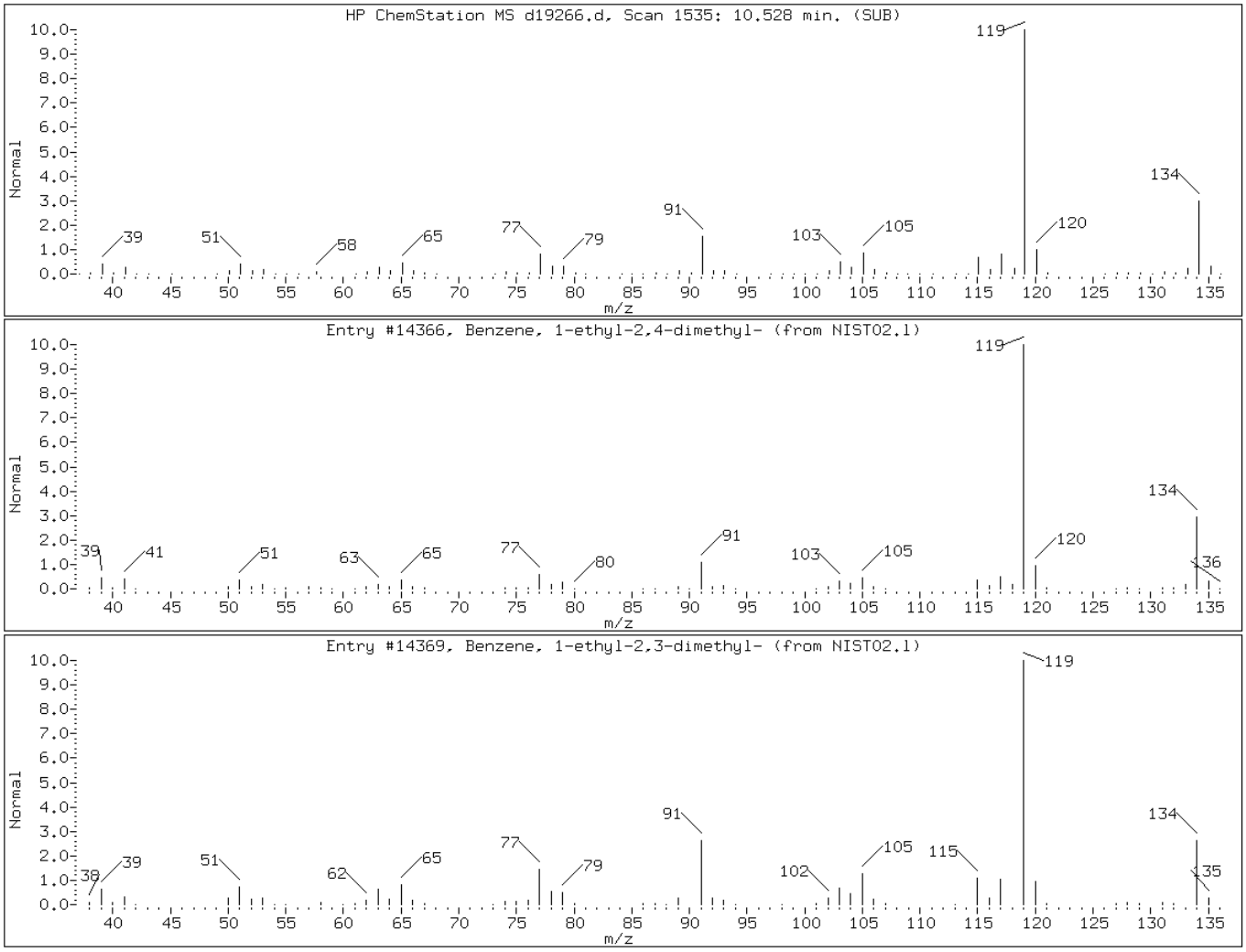
Date: 24-MAY-2010 22:09

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-2 Operator:

Retention Time: 10.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14366	97	C10H14	134
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14369	96	C10H14	134



Data File: d19266.d

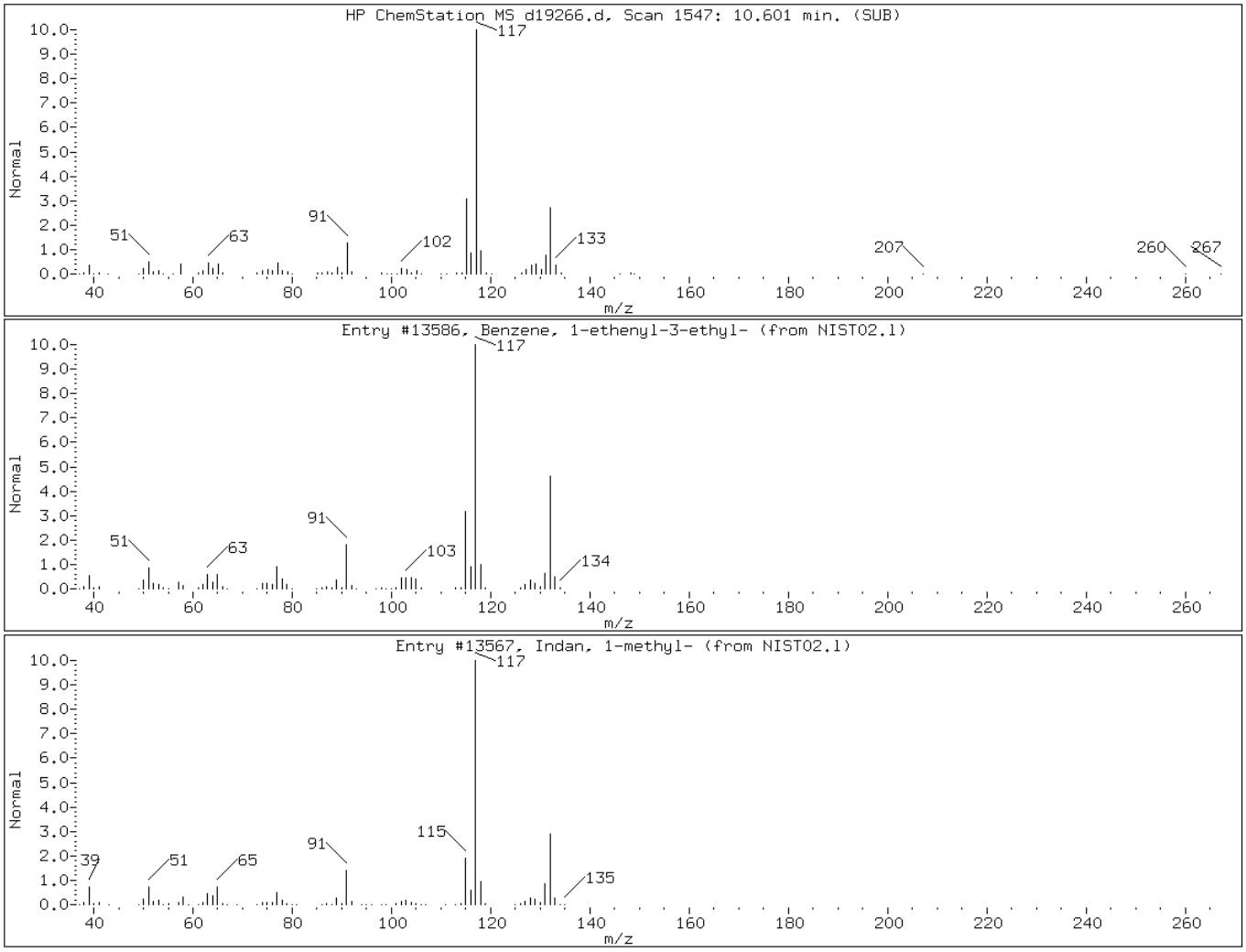
Date: 24-MAY-2010 22:09

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-2 Operator:

Retention Time: 10.60

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Benzene, 1-ethenyl-3-ethyl-	7525-62-4	NIST02.l	13586	91	C10H12	132
Indan, 1-methyl-	767-58-8	NIST02.l	13567	90	C10H12	132



Data File: d19266.d

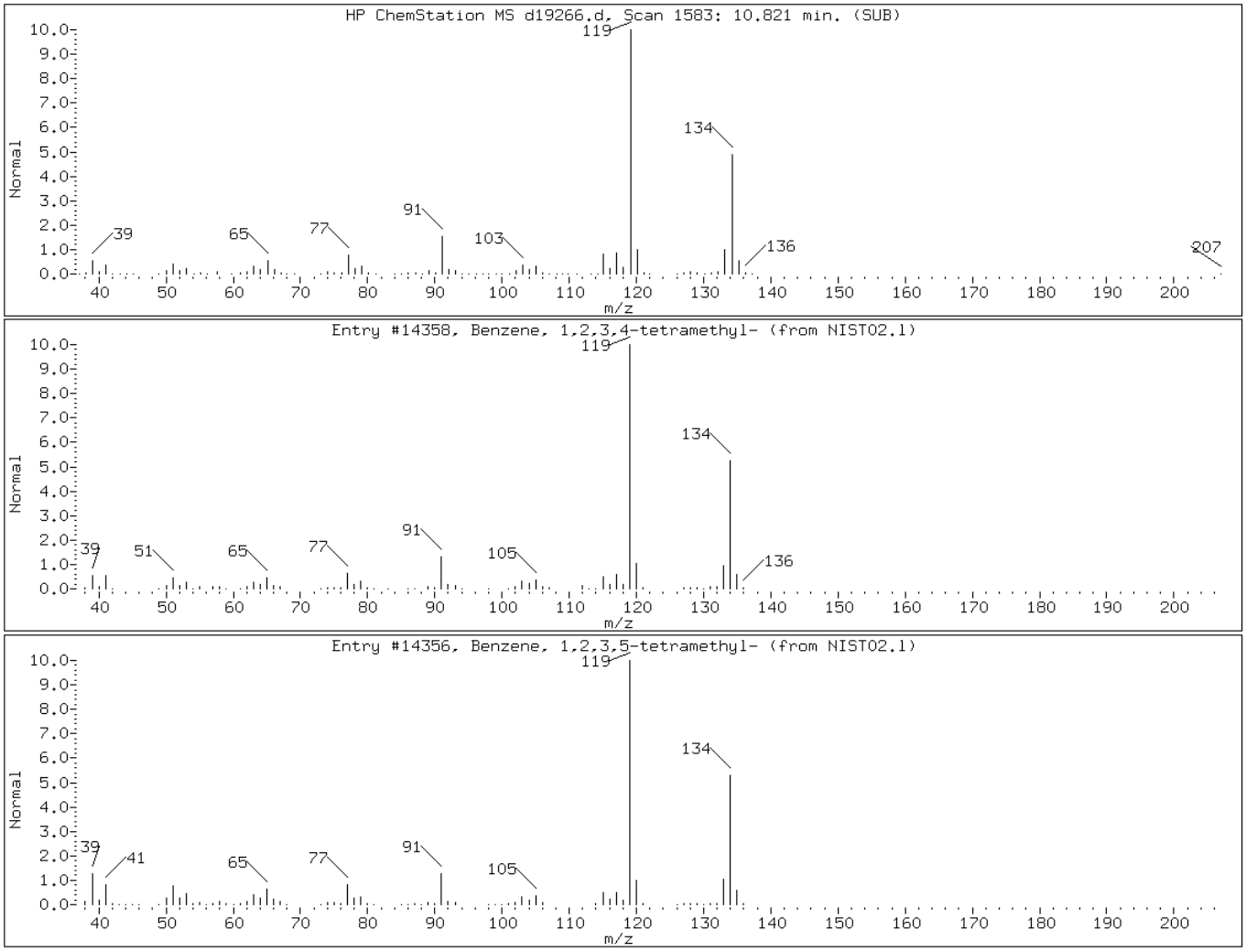
Date: 24-MAY-2010 22:09

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-2 Operator:

Retention Time: 10.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14358	97	C10H14	134
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14356	96	C10H14	134



Data File: d19266.d

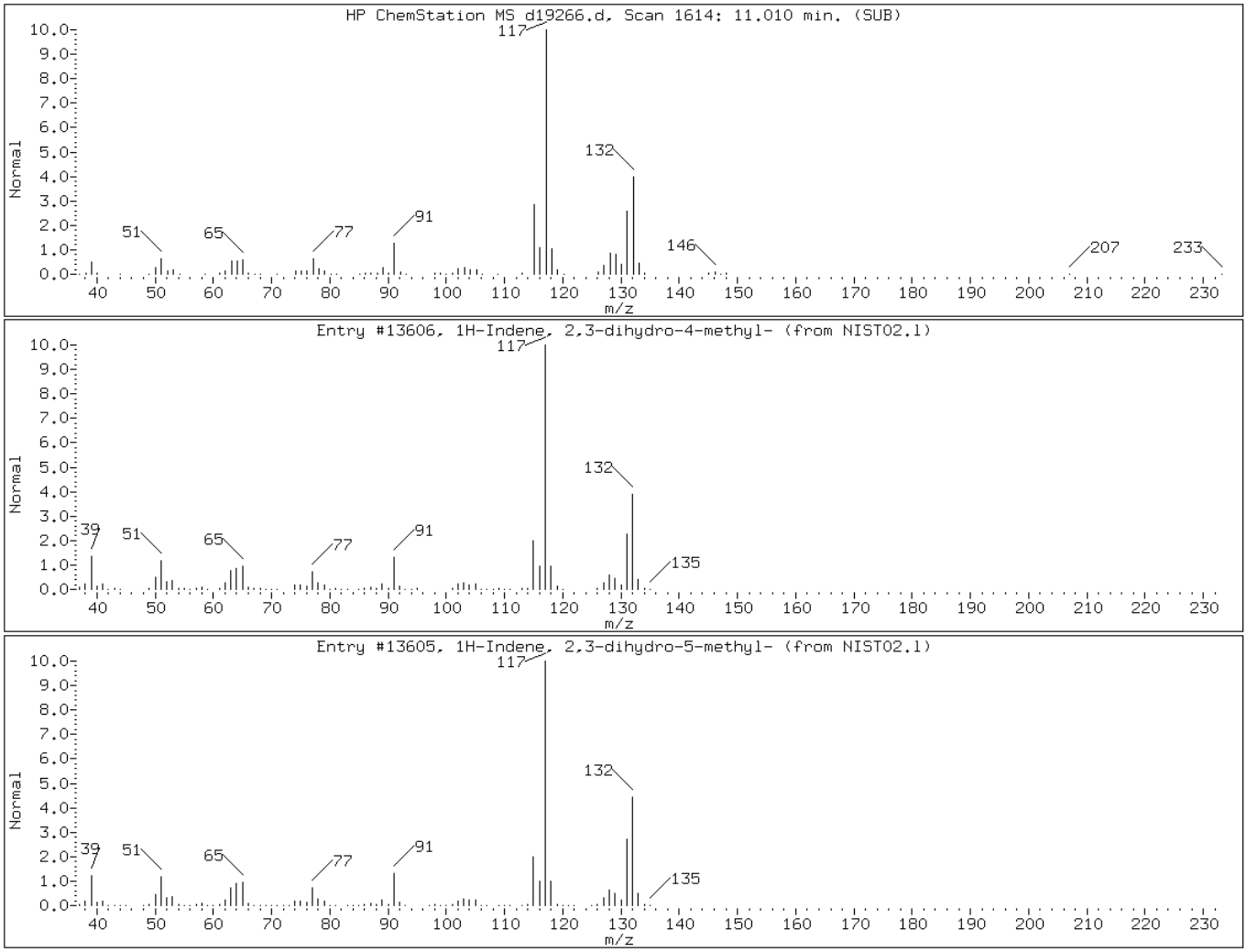
Date: 24-MAY-2010 22:09

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-2 Operator:

Retention Time: 11.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.l	13606	90	C10H12	132
1H-Indene, 2,3-dihydro-5-methyl-	874-35-1	NIST02.l	13605	90	C10H12	132



Data File: d19266.d

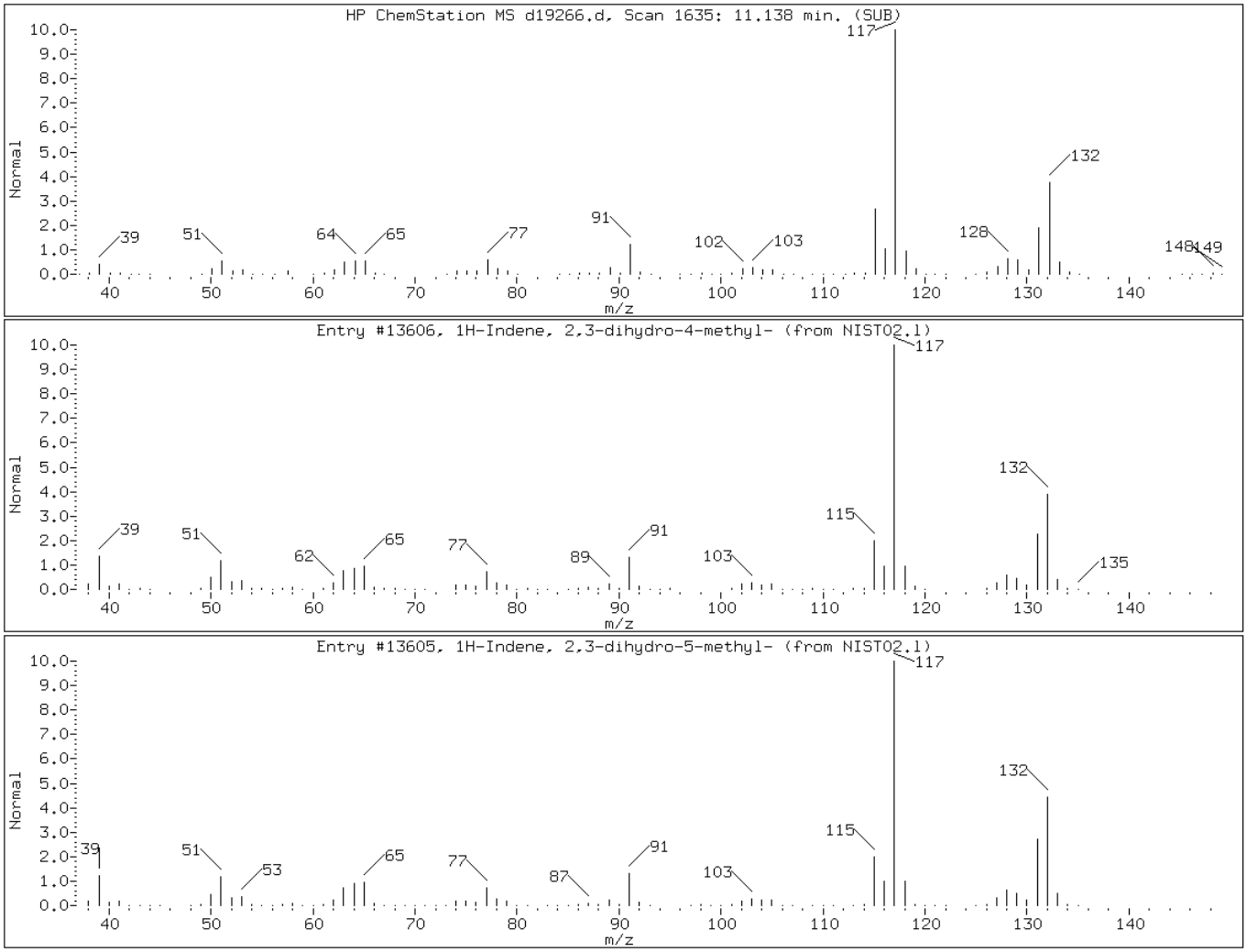
Date: 24-MAY-2010 22:09

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-2 Operator:

Retention Time: 11.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.l	13606	93	C10H12	132
1H-Indene, 2,3-dihydro-5-methyl-	874-35-1	NIST02.l	13605	93	C10H12	132



Data File: d19266.d

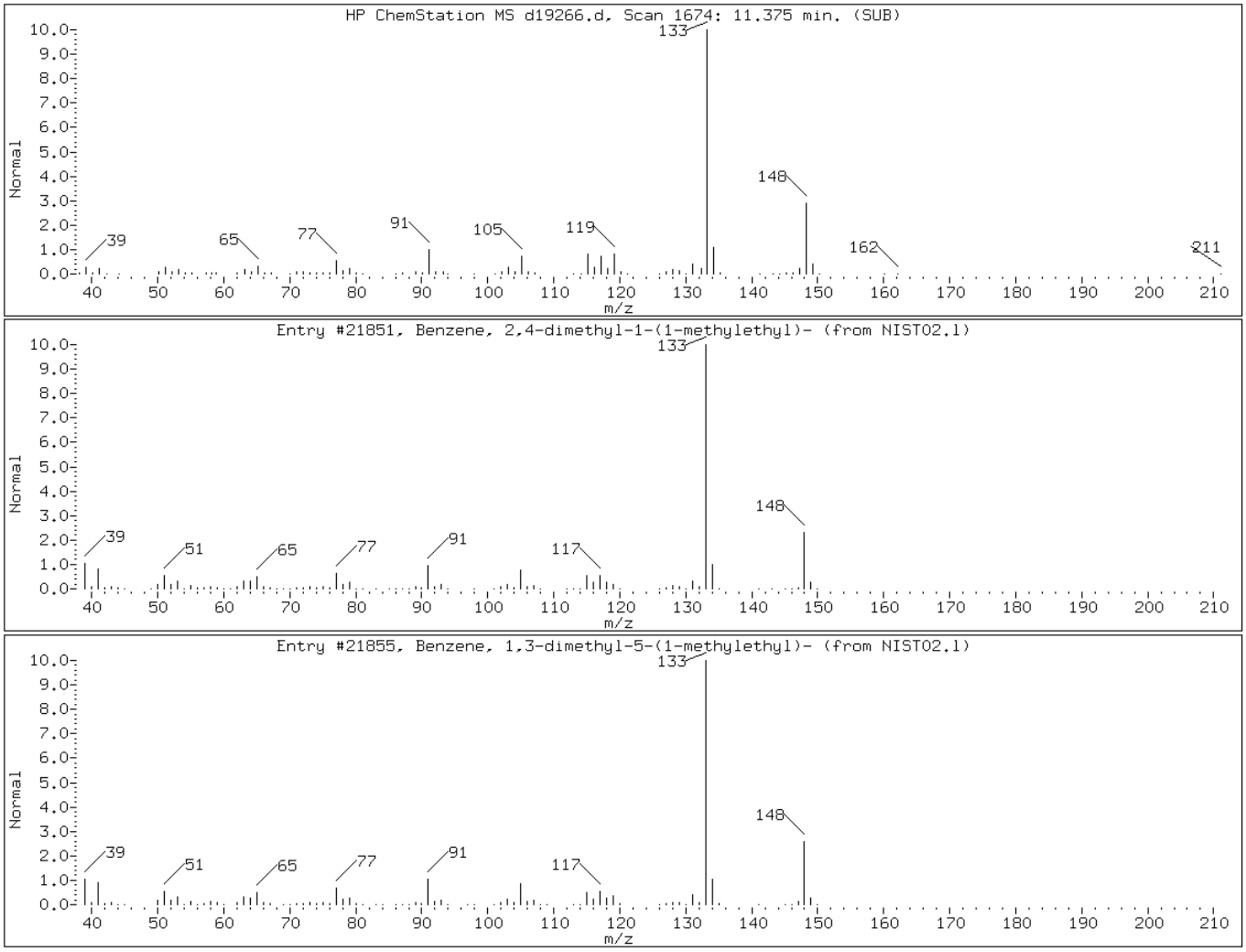
Date: 24-MAY-2010 22:09

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-2 Operator:

Retention Time: 11.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic						
Benzene, 2,4-dimethyl-1-(1-methyle	4706-89-2	NIST02.l	21851	91	C11H16	148
Benzene, 1,3-dimethyl-5-(1-methyle	4706-90-5	NIST02.l	21855	91	C11H16	148



Data File: d19266.d

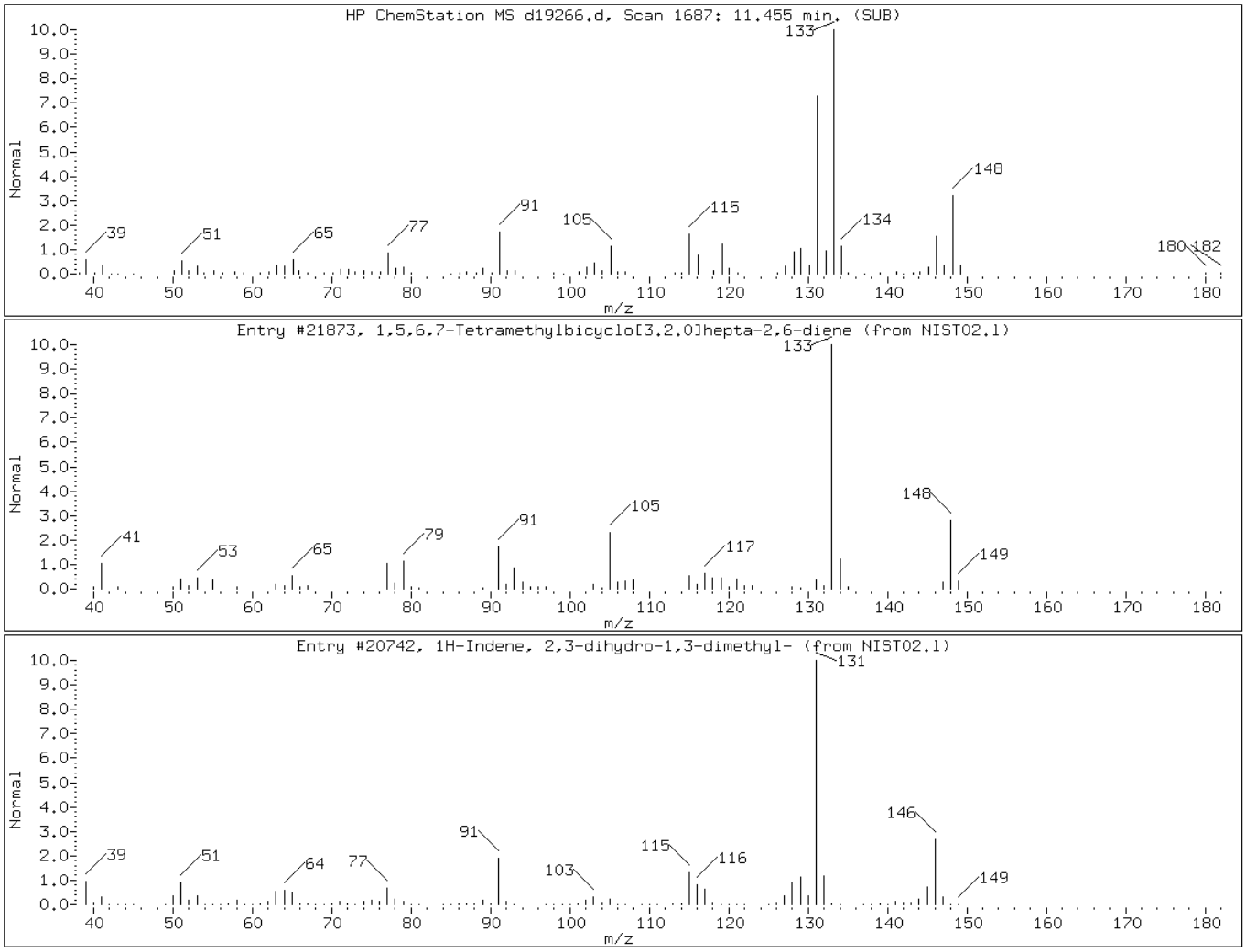
Date: 24-MAY-2010 22:09

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-2 Operator:

Retention Time: 11.45

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-dimethyl-1H-Indene iso						
1,5,6,7-Tetramethylbicyclo[3.2.0]h	134329-46-7	NIST02.l	21873	52	C11H16	148
1H-Indene, 2,3-dihydro-1,3-dimethy	4175-53-5	NIST02.l	20742	51	C11H14	146



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-03 Lab Sample ID: 460-13279-3

Matrix: GW Lab File ID: d19271.d

Analysis Method: 8260B Date Collected: 05/18/2010 11:00

Sample wt/vol: 5(mL) Date Analyzed: 05/25/2010 00:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	0.44	J	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-03 Lab Sample ID: 460-13279-3

Matrix: GW Lab File ID: d19271.d

Analysis Method: 8260B Date Collected: 05/18/2010 11:00

Sample wt/vol: 5(mL) Date Analyzed: 05/25/2010 00:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	0.51	J	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104	70-122	
460-00-4	4-Bromofluorobenzene	99	69-135	
2037-26-5	Toluene-d8 (Surr)	100	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-03 Lab Sample ID: 460-13279-3

Matrix: GW Lab File ID: d19271.d

Analysis Method: 8260B Date Collected: 05/18/2010 11:00

Sample wt/vol: 5(mL) Date Analyzed: 05/25/2010 00:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19271.d
Report Date: 26-May-2010 10:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19271.d
Lab Smp Id: 460-13279-C-3 Client Smp ID: GW-017338-051810-AC
Inj Date : 25-MAY-2010 00:10
Operator : Inst ID: VOAMS4.i
Smp Info : 460-13279-C-3
Misc Info : 460-13279-C-3
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:09 vibha Quant Type: ISTD
Cal Date : 24-MAY-2010 19:15 Cal File: d19260.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
28 MTBE	73	2.792	2.779	(0.589)	6593	0.44301	0.44(a)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.468	4.462	(0.943)	34752	52.1104	52
* 52 Fluorobenzene	96	4.737	4.730	(1.000)	758198	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.474	6.468	(0.798)	629390	50.1314	50
71 Tetrachloroethene	166	6.968	6.968	(0.859)	2488	0.51095	0.51(a)
* 78 Chlorobenzene-d5	117	8.108	8.102	(1.000)	585238	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.175	9.175	(0.913)	281804	49.6998	50
* 108 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	347837	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19271.d
Report Date: 26-May-2010 10:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19271.d
Lab Smp Id: 460-13279-C-3 Client Smp ID: GW-017338-051810-AC
Inj Date : 25-MAY-2010 00:10
Operator : Inst ID: VOAMS4.i
Smp Info : 460-13279-C-3
Misc Info : 460-13279-C-3
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:09 vibha Quant Type: ISTD
Cal Date : 24-MAY-2010 19:15 Cal File: d19260.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

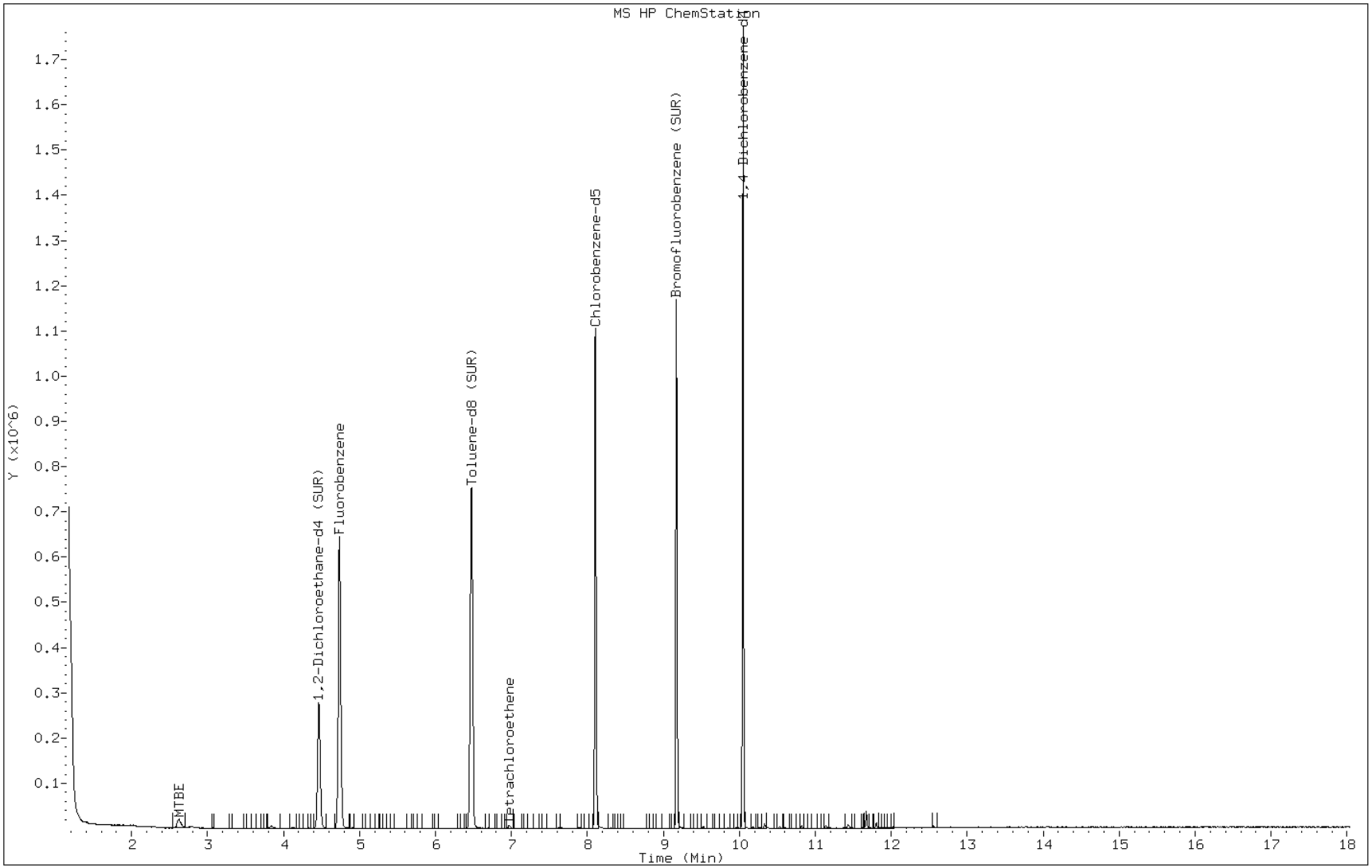
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d19271.d

Date: 25-MAY-2010 00:10

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-3 Operator:



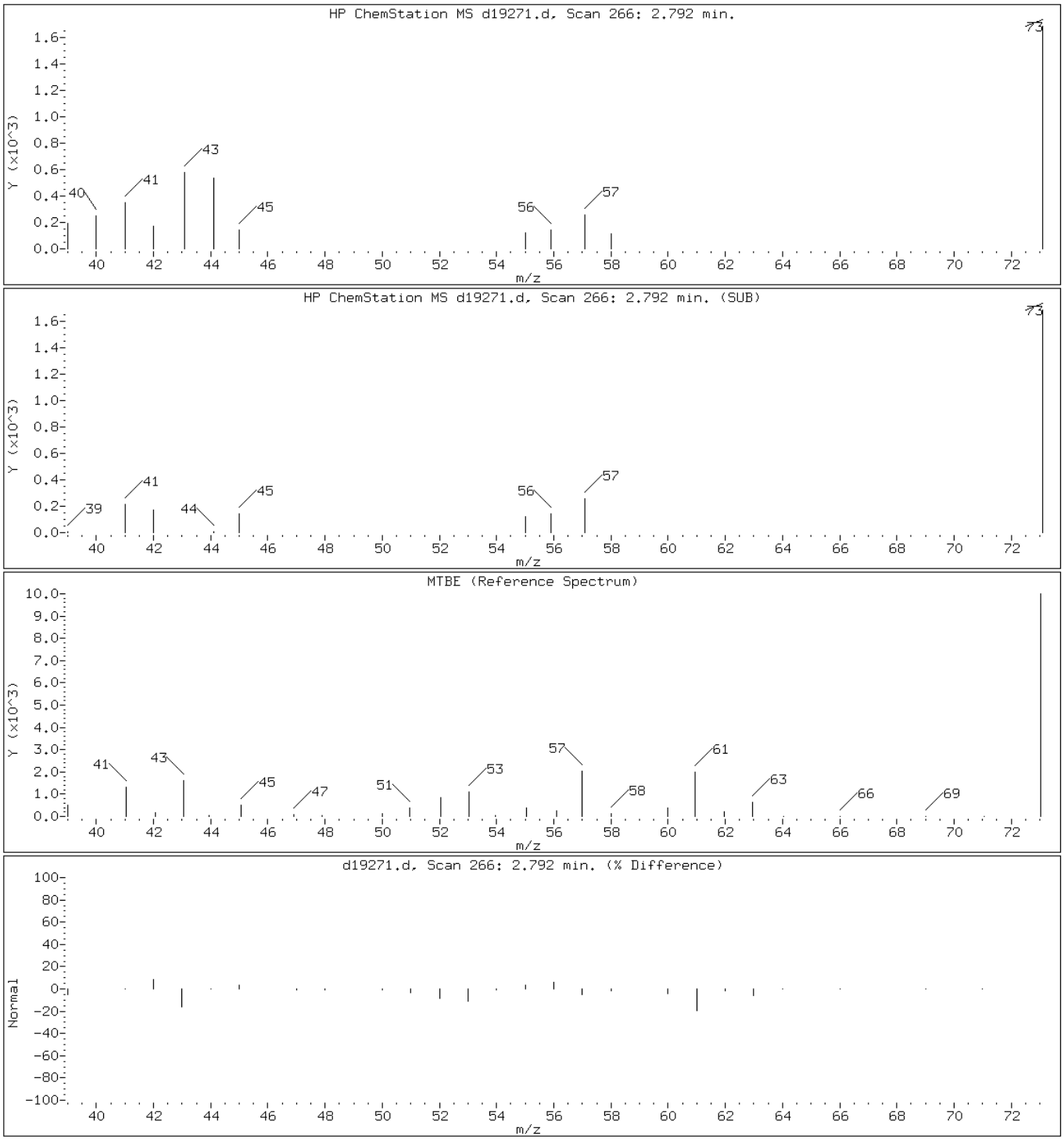
Data File: d19271.d

Date: 25-MAY-2010 00:10

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-3 Operator:

28 MTBE



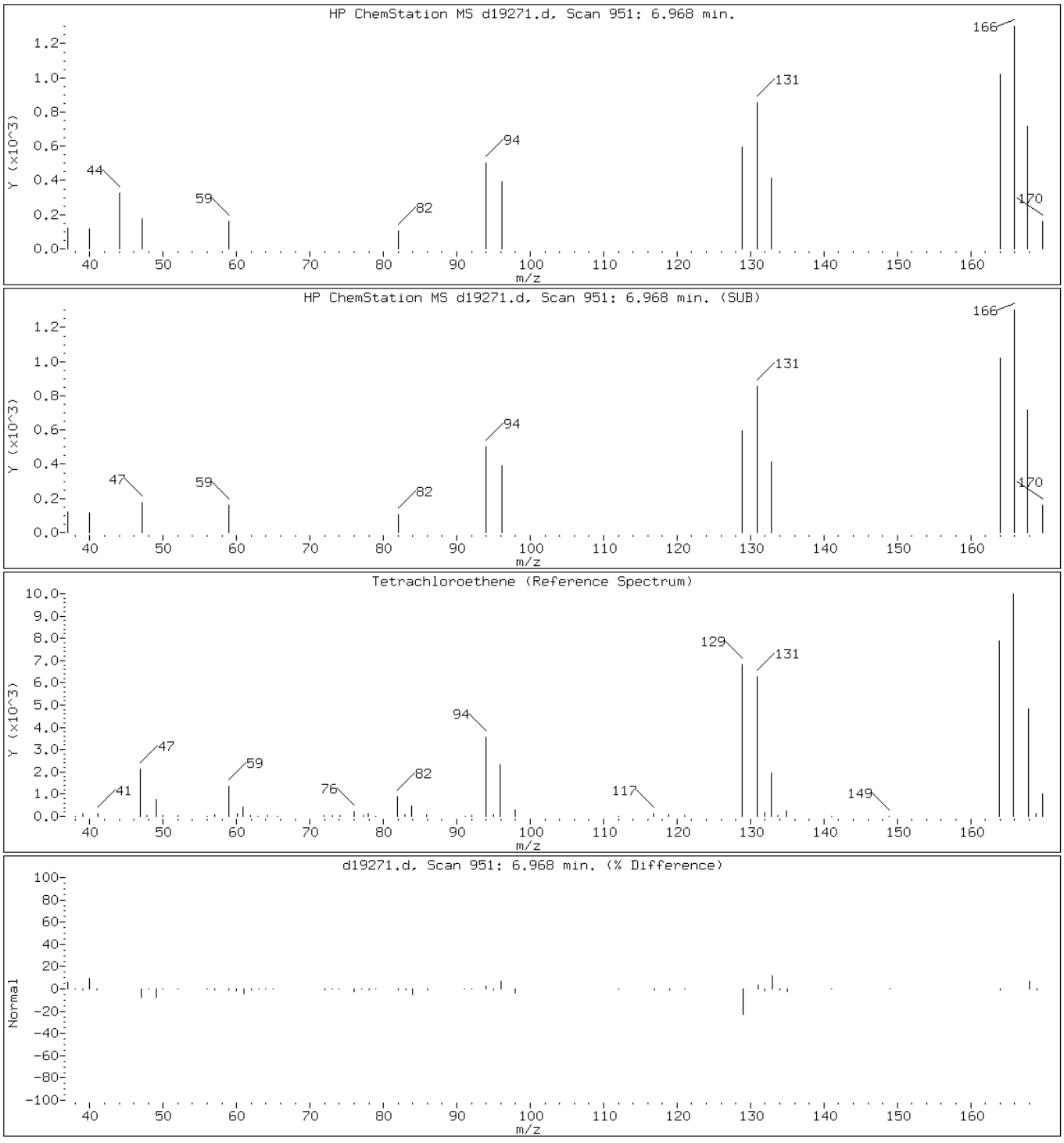
Data File: d19271.d

Date: 25-MAY-2010 00:10

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-3 Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-04 Lab Sample ID: 460-13279-4

Matrix: GW Lab File ID: d19272.d

Analysis Method: 8260B Date Collected: 05/18/2010 11:10

Sample wt/vol: 5(mL) Date Analyzed: 05/25/2010 00:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	0.40	J	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-04 Lab Sample ID: 460-13279-4

Matrix: GW Lab File ID: d19272.d

Analysis Method: 8260B Date Collected: 05/18/2010 11:10

Sample wt/vol: 5(mL) Date Analyzed: 05/25/2010 00:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	0.41	J	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104	70-122	
460-00-4	4-Bromofluorobenzene	99	69-135	
2037-26-5	Toluene-d8 (Surr)	101	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-04 Lab Sample ID: 460-13279-4

Matrix: GW Lab File ID: d19272.d

Analysis Method: 8260B Date Collected: 05/18/2010 11:10

Sample wt/vol: 5(mL) Date Analyzed: 05/25/2010 00:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19272.d
Report Date: 25-May-2010 11:11

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19272.d
Lab Smp Id: 460-13279-C-4 Client Smp ID: GW-017338-051810-AC
Inj Date : 25-MAY-2010 00:35
Operator : Inst ID: VOAMS4.i
Smp Info : 460-13279-C-4
Misc Info : 460-13279-C-4
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:09 vibha Quant Type: ISTD
Cal Date : 24-MAY-2010 19:15 Cal File: d19260.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
28 MTBE	73	2.804	2.779	(0.592)	6519	0.39967	0.40(a)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.468	4.462	(0.943)	38020	52.0169	52
* 52 Fluorobenzene	96	4.736	4.730	(1.000)	830988	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.468	6.468	(0.798)	691254	50.3999	50
71 Tetrachloroethene	166	6.974	6.968	(0.860)	2203	0.41414	0.41(a)
* 78 Chlorobenzene-d5	117	8.108	8.102	(1.000)	639337	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.175	9.175	(0.913)	311004	49.7172	50
* 108 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	383745	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19272.d
Report Date: 25-May-2010 11:11

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19272.d
Lab Smp Id: 460-13279-C-4 Client Smp ID: GW-017338-051810-AC
Inj Date : 25-MAY-2010 00:35
Operator : Inst ID: VOAMS4.i
Smp Info : 460-13279-C-4
Misc Info : 460-13279-C-4
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:09 vibha Quant Type: ISTD
Cal Date : 24-MAY-2010 19:15 Cal File: d19260.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

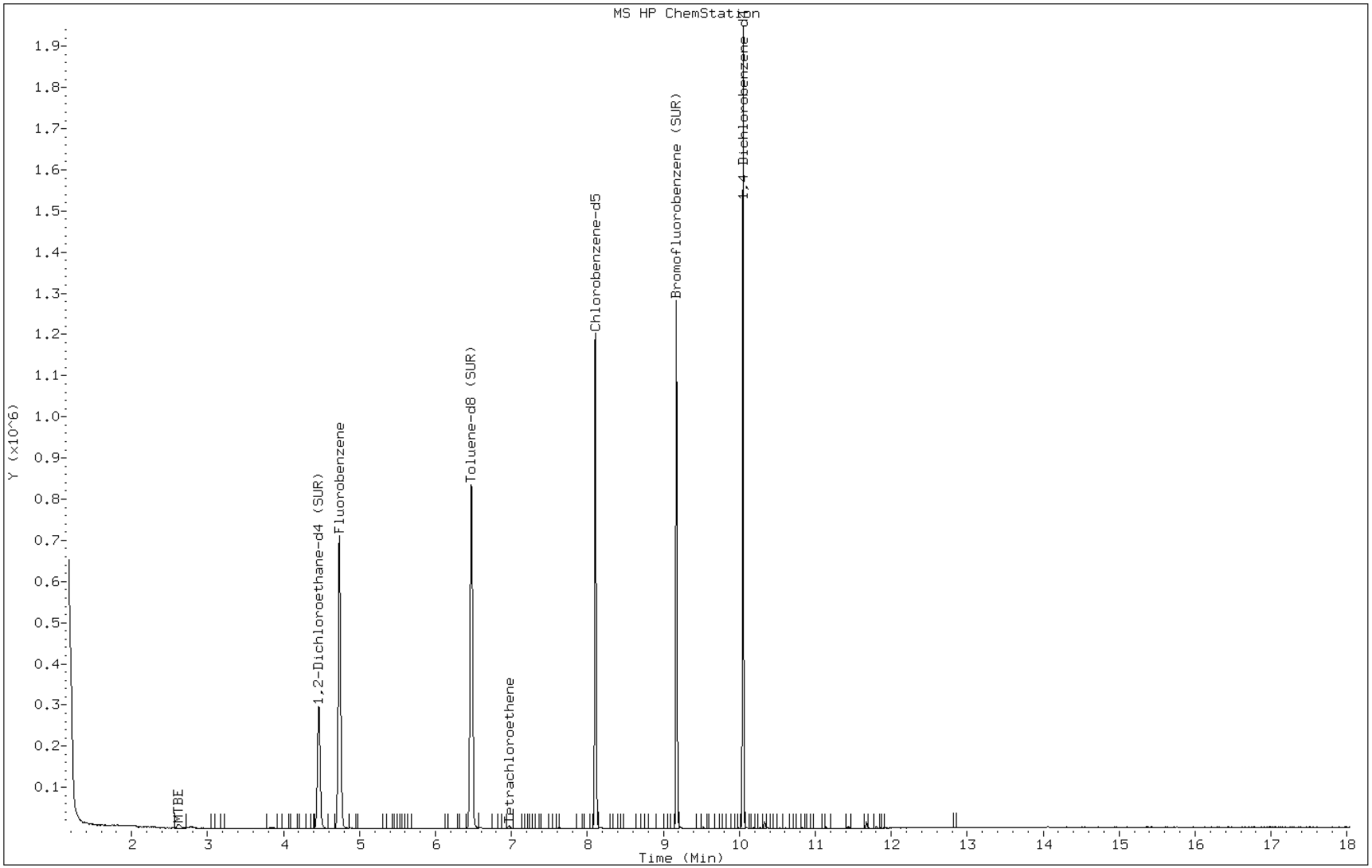
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d19272.d

Date: 25-MAY-2010 00:35

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-4 Operator:



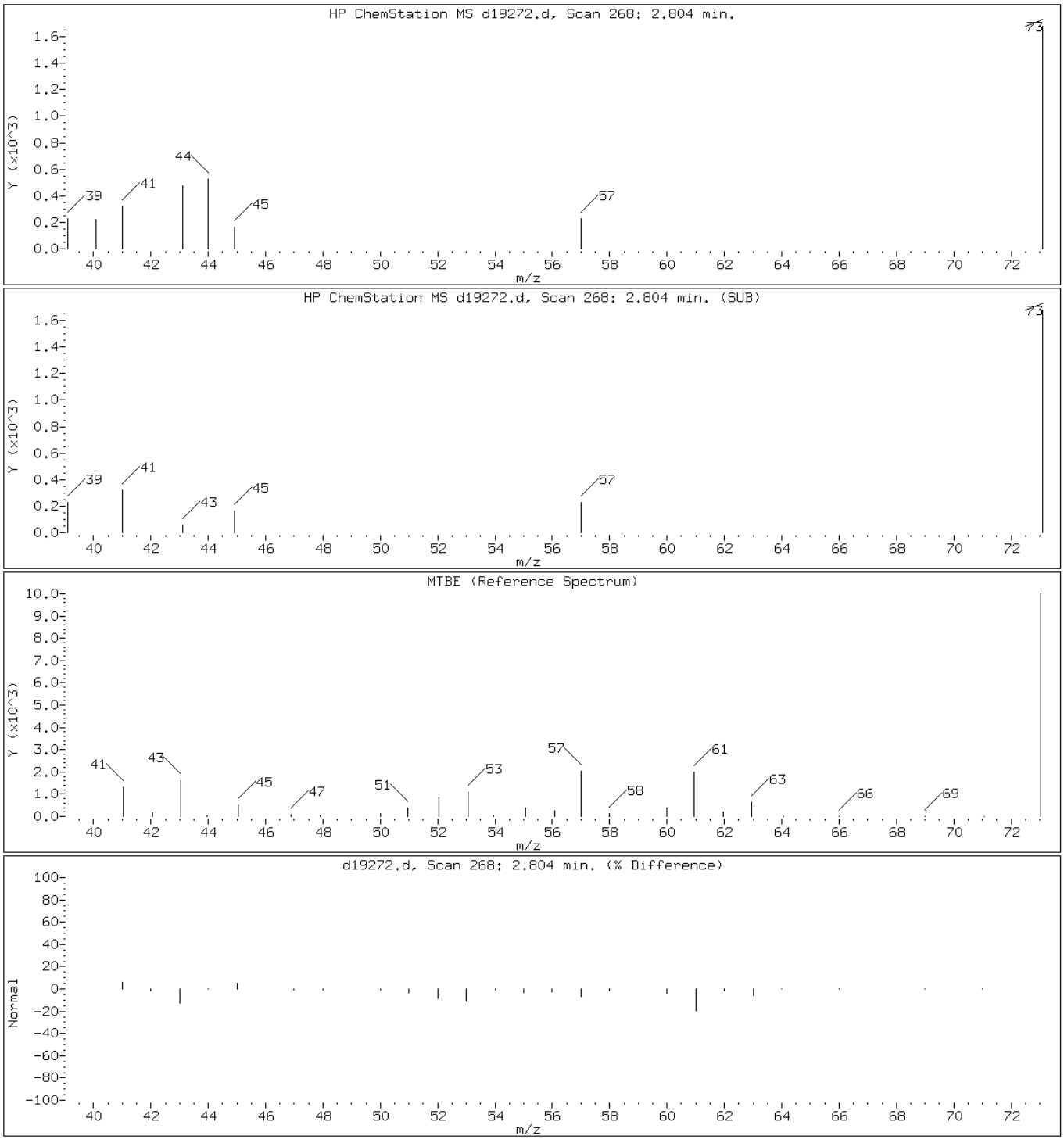
Data File: d19272.d

Date: 25-MAY-2010 00:35

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-4 Operator:

28 MTBE



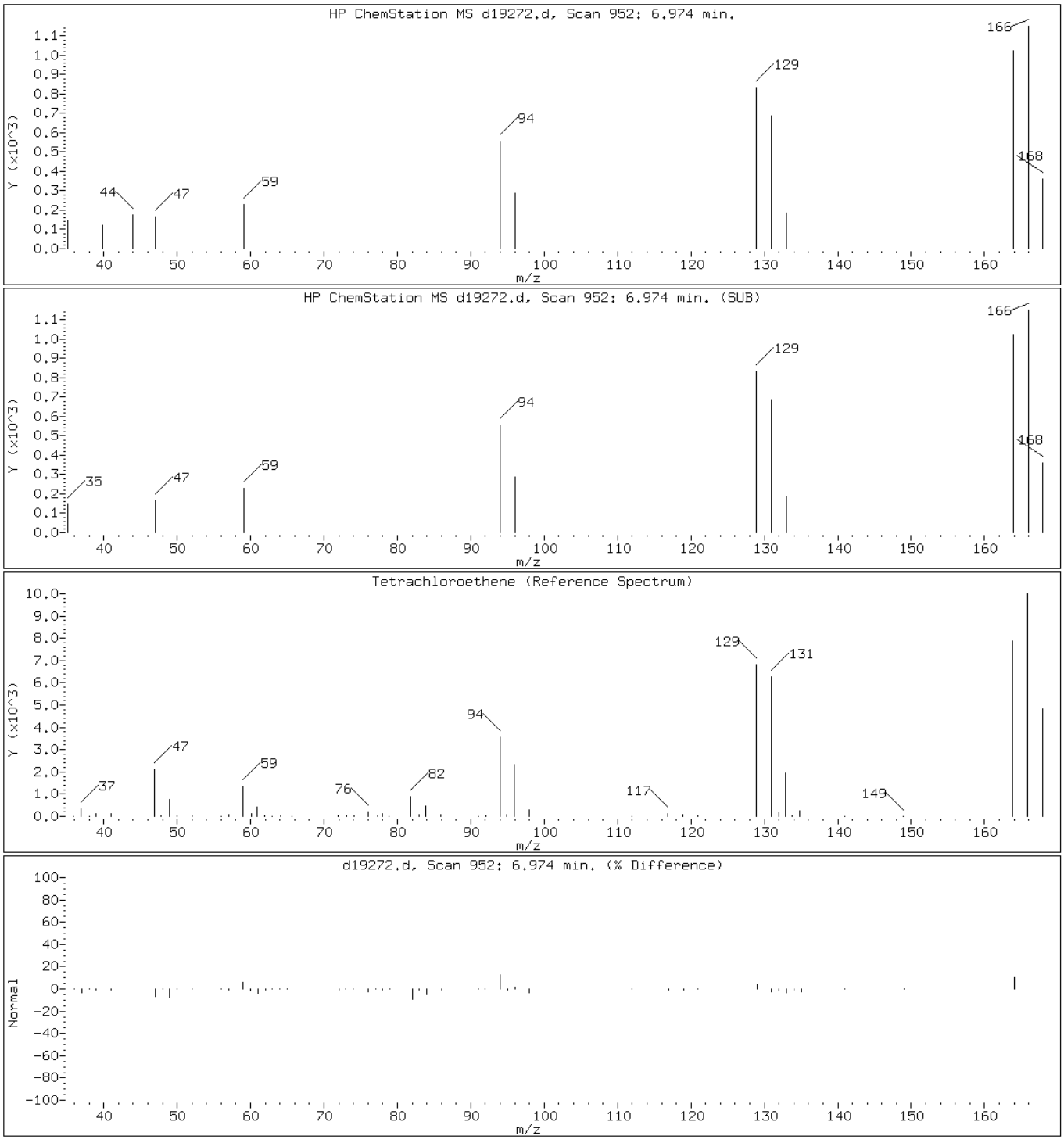
Data File: d19272.d

Date: 25-MAY-2010 00:35

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-4 Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-05 Lab Sample ID: 460-13279-5

Matrix: GW Lab File ID: d19273.d

Analysis Method: 8260B Date Collected: 05/18/2010 12:00

Sample wt/vol: 5(mL) Date Analyzed: 05/25/2010 00:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	0.27	J	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	0.44	J	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	0.44	J	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-05 Lab Sample ID: 460-13279-5

Matrix: GW Lab File ID: d19273.d

Analysis Method: 8260B Date Collected: 05/18/2010 12:00

Sample wt/vol: 5(mL) Date Analyzed: 05/25/2010 00:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104	70-122	
460-00-4	4-Bromofluorobenzene	100	69-135	
2037-26-5	Toluene-d8 (Surr)	100	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-05 Lab Sample ID: 460-13279-5

Matrix: GW Lab File ID: d19273.d

Analysis Method: 8260B Date Collected: 05/18/2010 12:00

Sample wt/vol: 5(mL) Date Analyzed: 05/25/2010 00:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19273.d
Report Date: 26-May-2010 10:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19273.d
Lab Smp Id: 460-13279-C-5 Client Smp ID: GW-017338-051810-AC
Inj Date : 25-MAY-2010 00:59
Operator : Inst ID: VOAMS4.i
Smp Info : 460-13279-C-5
Misc Info : 460-13279-C-5
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:09 vibha Quant Type: ISTD
Cal Date : 24-MAY-2010 19:15 Cal File: d19260.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	28 MTBE	73	2.786	2.779	(0.588)	4240	0.26531	0.26(a)
	36 cis-1,2-Dichloroethene	96	3.584	3.584	(0.757)	2480	0.44180	0.44(a)
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.462	4.462	(0.942)	37363	52.1721	52
*	52 Fluorobenzene	96	4.737	4.730	(1.000)	814199	50.0000	
	54 Trichloroethene	95	4.901	4.895	(1.035)	2141	0.43826	0.44(a)
$	65 Toluene-d8 (SUR)	98	6.468	6.468	(0.798)	672201	50.1445	50
*	78 Chlorobenzene-d5	117	8.108	8.102	(1.000)	624882	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.175	9.175	(0.913)	306791	50.1999	50
	100 tert-Butylbenzene	119	9.705	9.705	(0.966)	3050	0.20823	0.21(a)
*	108 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	374907	50.0000	
M	120 1,2-Dichloroethene (Total)	100				2480	0.46590	0.46(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19273.d
Report Date: 26-May-2010 10:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19273.d
Lab Smp Id: 460-13279-C-5 Client Smp ID: GW-017338-051810-AC
Inj Date : 25-MAY-2010 00:59
Operator : Inst ID: VOAMS4.i
Smp Info : 460-13279-C-5
Misc Info : 460-13279-C-5
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:09 vibha Quant Type: ISTD
Cal Date : 24-MAY-2010 19:15 Cal File: d19260.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

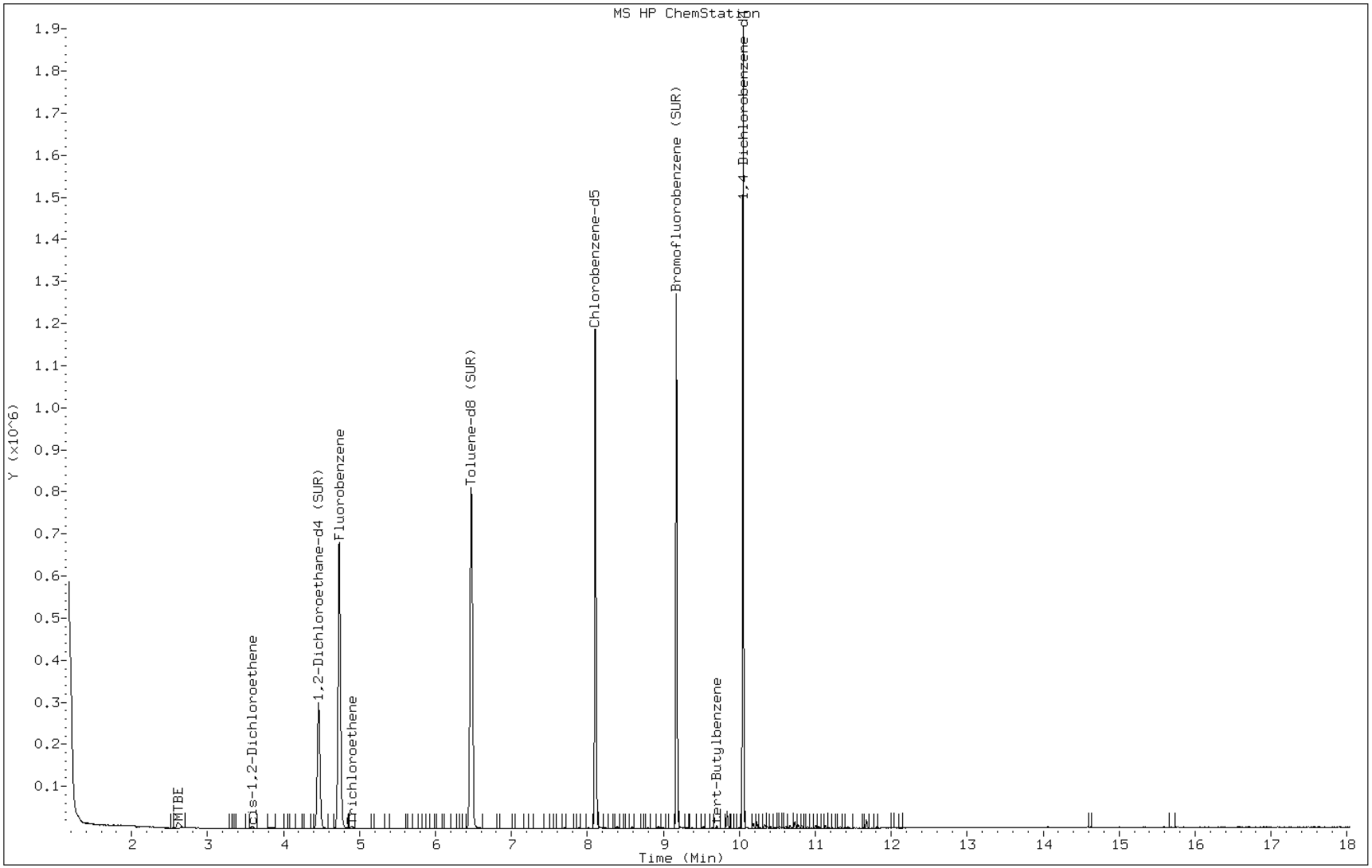
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d19273.d

Date: 25-MAY-2010 00:59

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-5 Operator:



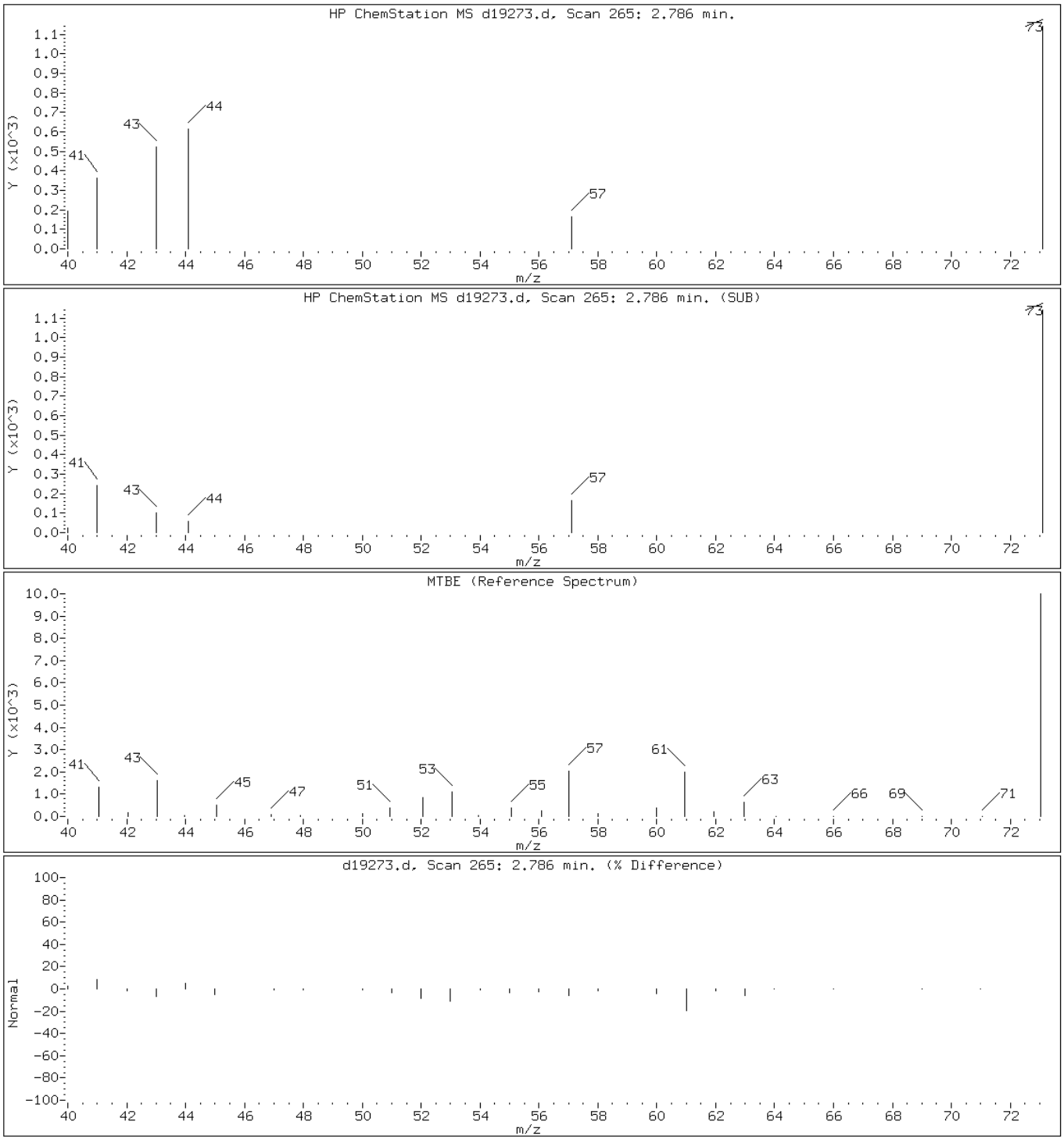
Data File: d19273.d

Date: 25-MAY-2010 00:59

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-5 Operator:

28 MTBE



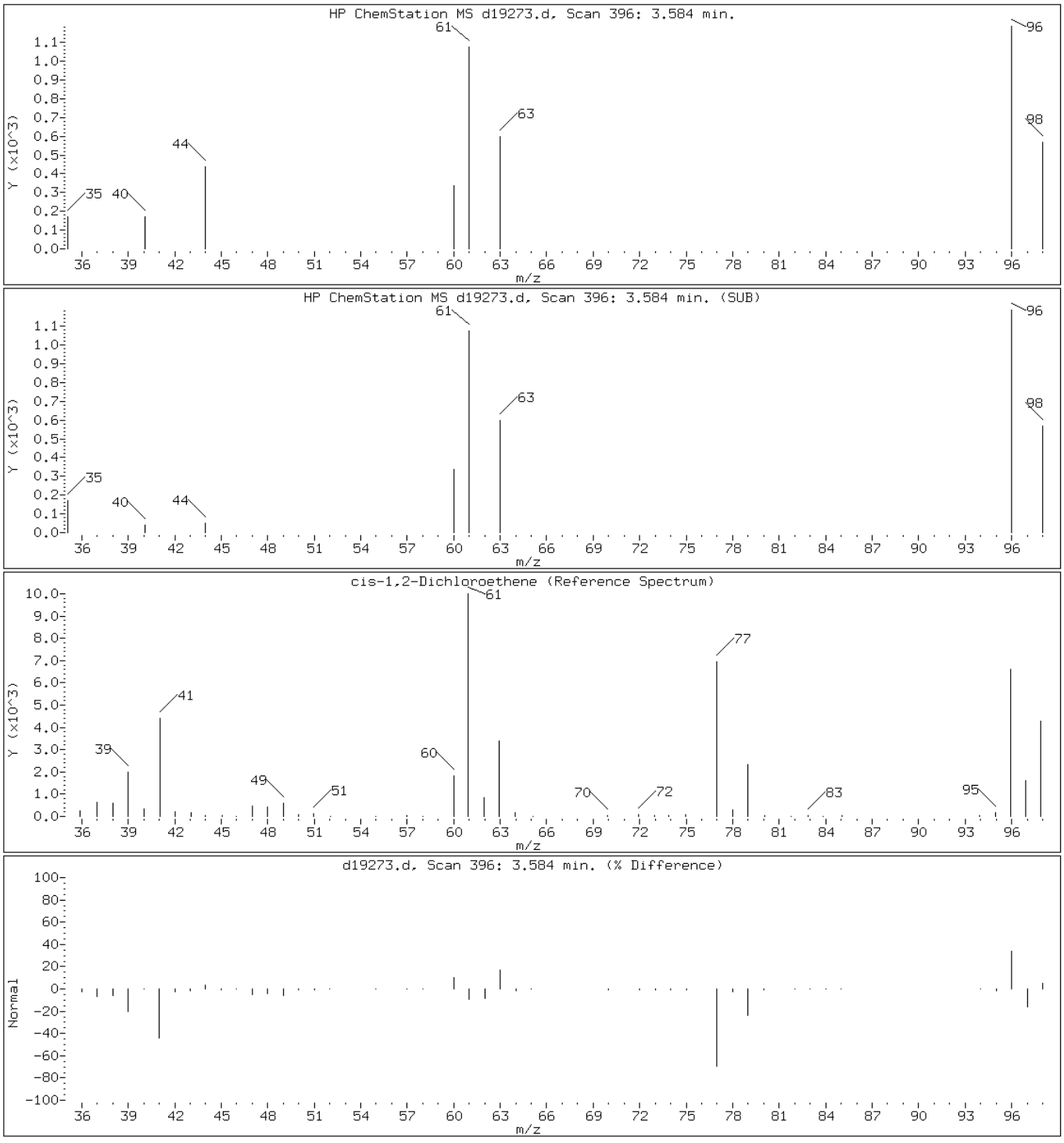
Data File: d19273.d

Date: 25-MAY-2010 00:59

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-5 Operator:

36 cis-1,2-Dichloroethene



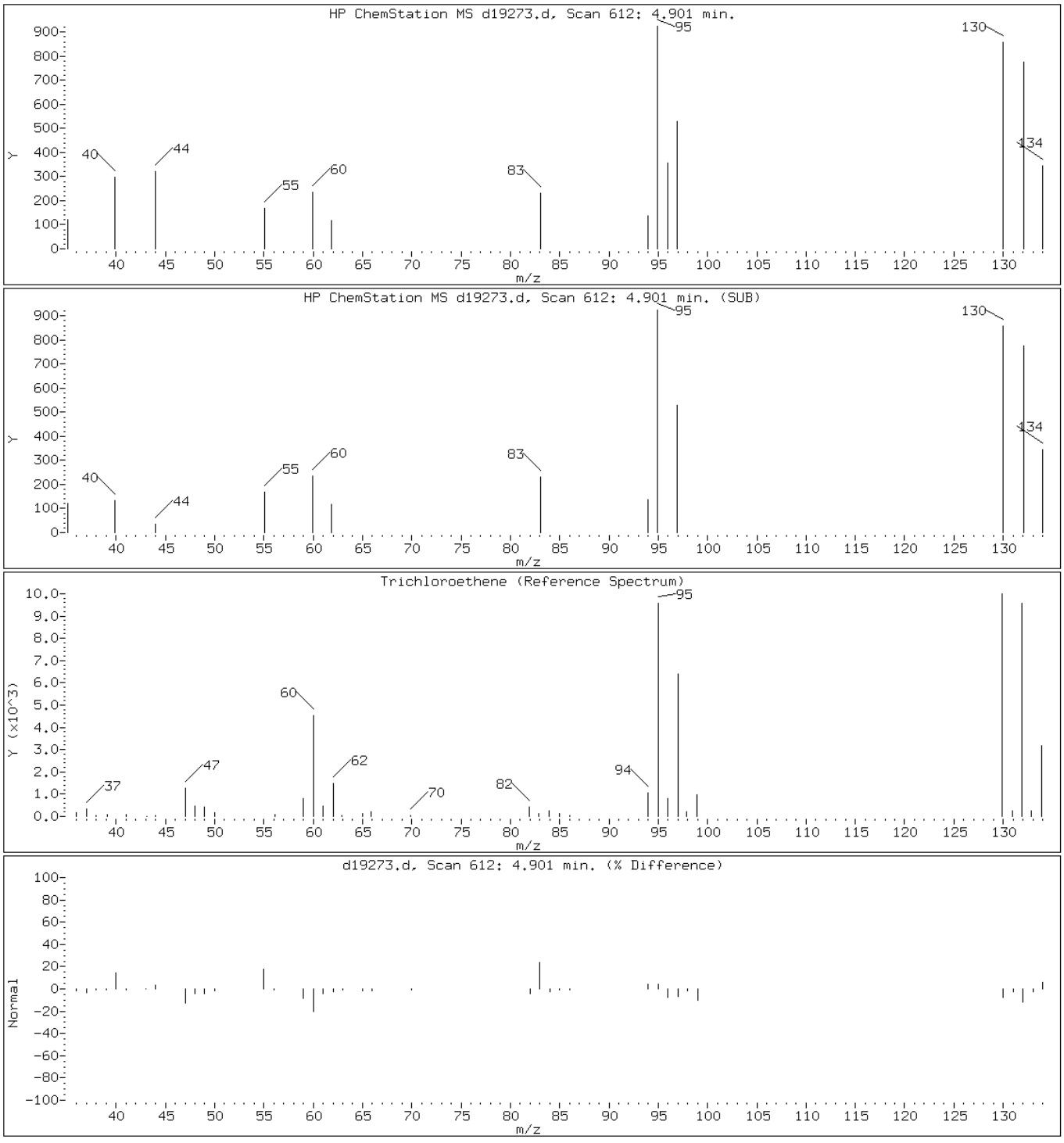
Data File: d19273.d

Date: 25-MAY-2010 00:59

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-5 Operator:

54 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: Trip Lab Sample ID: 460-13279-6

Matrix: Water Lab File ID: d19264.d

Analysis Method: 8260B Date Collected: 05/18/2010 12:00

Sample wt/vol: 5(mL) Date Analyzed: 05/24/2010 21:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: Trip | Lab Sample ID: 460-13279-6

Matrix: Water | Lab File ID: d19264.d

Analysis Method: 8260B | Date Collected: 05/18/2010 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/24/2010 21:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 38207 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102	70-122	
460-00-4	4-Bromofluorobenzene	99	69-135	
2037-26-5	Toluene-d8 (Surr)	101	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: Trip Lab Sample ID: 460-13279-6

Matrix: Water Lab File ID: d19264.d

Analysis Method: 8260B Date Collected: 05/18/2010 12:00

Sample wt/vol: 5(mL) Date Analyzed: 05/24/2010 21:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19264.d
Report Date: 26-May-2010 10:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19264.d
Lab Smp Id: 460-13279-C-6 Client Smp ID: Trip Blank-017338-0
Inj Date : 24-MAY-2010 21:20
Operator : Inst ID: VOAMS4.i
Smp Info : 460-13279-C-6
Misc Info : 460-13279-C-6
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:09 vibha Quant Type: ISTD
Cal Date : 24-MAY-2010 19:15 Cal File: d19260.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.462	4.462	(0.943)	34559	50.9203	51
* 52 Fluorobenzene	96	4.731	4.730	(1.000)	771609	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.468	6.468	(0.798)	641953	50.7153	51
* 78 Chlorobenzene-d5	117	8.102	8.102	(1.000)	590047	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.175	9.175	(0.913)	285735	49.4685	49
* 108 1,4-Dichlorobenzene-d4	152	10.047	10.046	(1.000)	354338	50.0000	

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19264.d
Report Date: 26-May-2010 10:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19264.d
Lab Smp Id: 460-13279-C-6 Client Smp ID: Trip Blank-017338-0
Inj Date : 24-MAY-2010 21:20
Operator : Inst ID: VOAMS4.i
Smp Info : 460-13279-C-6
Misc Info : 460-13279-C-6
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:09 vibha Quant Type: ISTD
Cal Date : 24-MAY-2010 19:15 Cal File: d19260.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

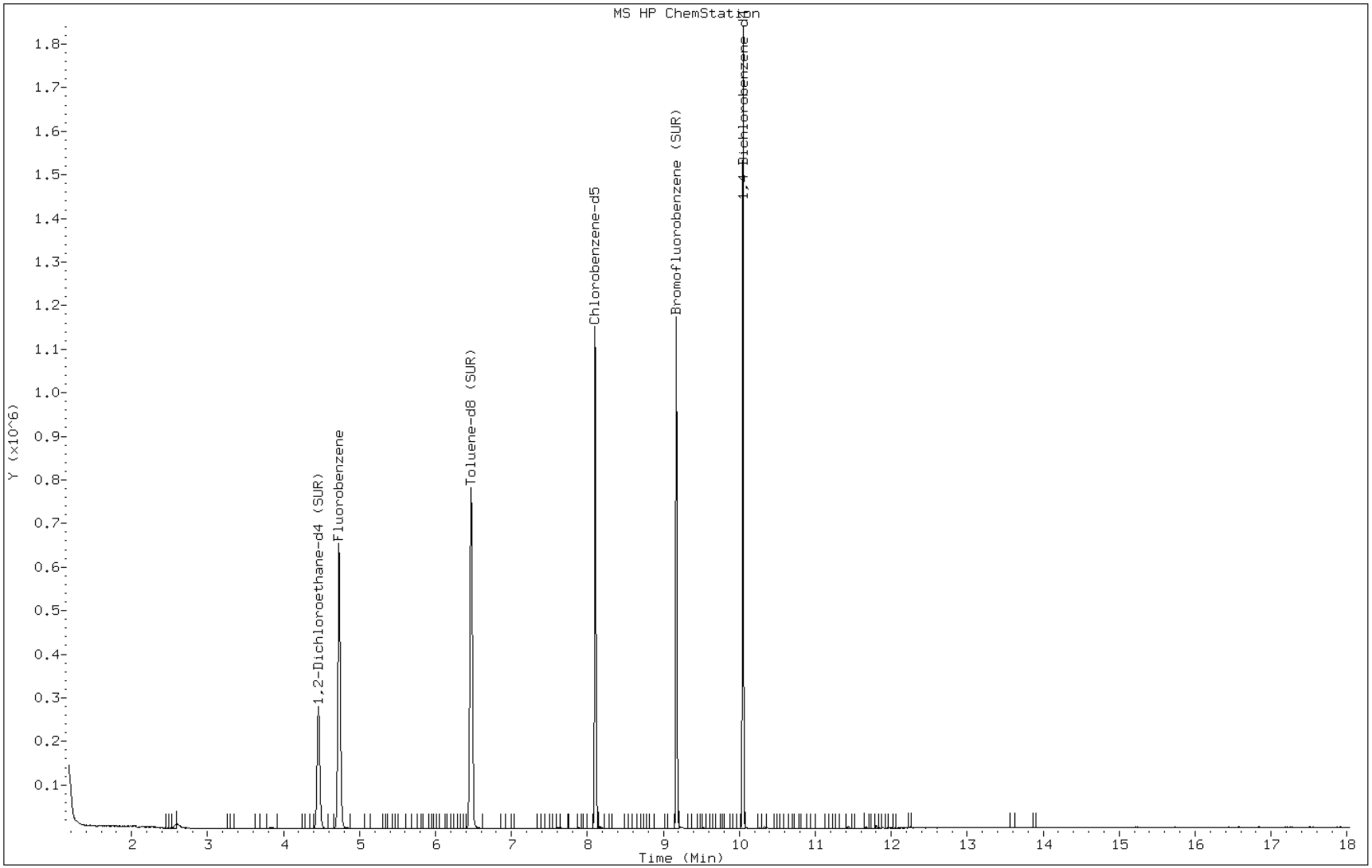
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d19264.d

Date: 24-MAY-2010 21:20

Client ID: Trip Blank-017338-0 Instrument: VOAMS4.i

Sample Info: 460-13279-C-6 Operator:



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 38138

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2010 22:32 Calibration End Date: 05/22/2010 03:00 Calibration ID: 6290

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-38138/7	d19224.d
Level 2	IC 460-38138/2	d19213.d
Level 3	ICIS 460-38138/3	d19215.d
Level 4	IC 460-38138/4	d19216.d
Level 5	IC 460-38138/5	d19217.d
Level 6	IC 460-38138/6	d19218.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1-Chloropropane	+++++ +++++	+++++	+++++	+++++	+++++	Ave					0.1000			30.0			
2-Chloropropane	+++++ +++++	+++++	+++++	+++++	+++++	Ave					0.1000			30.0			
Allyl alcohol	+++++ +++++	+++++	+++++	+++++	+++++	Ave					0.1000			30.0			
Dimethylnaphthalene (total)	+++++ +++++	+++++	+++++	+++++	+++++	Ave					0.1000			30.0			
Methylnaphthalene (total)	+++++ +++++	+++++	+++++	+++++	+++++	Ave					0.1000			30.0			
Propene	+++++ +++++	+++++	+++++	+++++	+++++	Ave					0.1000			30.0			
Dichlorodifluoromethane	0.3301 0.3606	0.3916	0.4314	0.4300	0.4150	Ave		0.3931			0.1000	10.4		30.0			
Chloromethane	0.4022 0.3695	0.3622	0.3838	0.3884	0.3984	Ave		0.3841			0.1000	4.1		30.0			
Vinyl chloride	0.3952 0.3983	0.4023	0.4396	0.4379	0.4429	Ave		0.4194			0.1000	5.5		30.0			
Bromomethane	0.3136 0.2915	0.2985	0.3195	0.3169	0.3213	Ave		0.3102			0.1000	4.0		30.0			
Chloroethane	0.2478 0.2161	0.2099	0.2396	0.2395	0.2360	Ave		0.2315			0.1000	6.5		30.0			
Pentane	0.0617 0.0502	0.0573	0.0632	0.0598	0.0568	Ave		0.0582		*	0.1000	7.9		30.0			
Trichlorofluoromethane	0.5022 0.5454	0.5887	0.6519	0.6462	0.6264	Ave		0.5935			0.1000	10.1		30.0			
2-Methyl-1,3-butadiene	0.3824 0.4230	0.4533	0.4782	0.4670	0.4473	Ave		0.4419			0.1000	7.8		30.0			
Ethyl ether	0.2463 0.2298	0.2729	0.2739	0.2617	0.2472	Ave		0.2553			0.1000	6.8		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 38138

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2010 22:32 Calibration End Date: 05/22/2010 03:00 Calibration ID: 6290

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloroethene	0.2620 0.2883	0.3461	0.3260	0.3144	0.3134	Ave		0.3084			0.1000	9.6		30.0			
Carbon disulfide	1.0448 1.0834	1.1506	1.2084	1.1557	1.1491	Ave		1.1320			0.1000	5.1		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.3136 0.3147	0.3555	0.3701	0.3707	0.3531	Ave		0.3463			0.1000	7.5		30.0			
Iodomethane	0.6962 0.6572	0.7526	0.7693	0.7285	0.7085	Ave		0.7187			0.1000	5.6		30.0			
Acrolein	0.0831 0.0692	0.0806	0.0811	0.0793	0.0774	Ave		0.0784		*	0.1000	6.3		30.0			
Isopropyl alcohol	0.0280 0.0244	0.0256	0.0289	0.0262	0.0269	Ave		0.0267		*	0.1000	6.1		30.0			
Methylene Chloride	0.3754 0.3360	0.4267	0.3852	0.3719	0.3628	Ave		0.3763			0.1000	7.9		30.0			
Acetone	0.0689 0.0326	0.0569	0.0493	0.0524	0.0385	QuaF		20.286	32.140						0.9996		0.9900
trans-1,2-Dichloroethene	0.3042 0.3060	0.3704	0.3468	0.3411	0.3306	Ave		0.3332			0.1000	7.6		30.0			
Methyl acetate	0.0838 0.0815	0.0922	0.0916	0.0884	0.0863	Ave		0.0873		*	0.1000	4.9		30.0			
Hexane	0.1851 0.1902	0.2440	0.2318	0.2235	0.2167	Ave		0.2152			0.1000	10.8		30.0			
Methyl tert-butyl ether	0.9945 0.9107	1.0191	1.0467	0.9995	0.9940	Ave		0.9941			0.1000	4.6		30.0			
2-Methyl-2-propanol	0.0466 0.0405	0.0423	0.0424	0.0420	0.0433	Ave		0.0428		*	0.1000	4.8		30.0			
Acetonitrile	0.0131 0.0101	0.0102	0.0113	0.0103	0.0116	Ave		0.0111		*	0.1000	10.6		30.0			
Isopropyl ether	1.1244 0.8985	1.0743	1.0407	0.9813	0.9670	Ave		1.0144			0.1000	8.0		30.0			
1,1-Dichloroethane	0.5062 0.4986	0.6128	0.5618	0.5497	0.5379	Ave		0.5445			0.1000	7.6		30.0			
Acrylonitrile	0.1283 0.1392	0.1397	0.1522	0.1541	0.1508	Ave		0.1441			0.1000	7.0		30.0			
Tert-butyl ethyl ether	0.7442 0.9527	0.9495	1.4049	1.1748	1.0599	LinF		0.9719							0.9968		0.9900
Vinyl acetate	0.4432 0.5223	0.5174	0.6345	0.5989	0.5647	Ave		0.5468			0.1000	12.4		30.0			
cis-1,2-Dichloroethene	0.3270 0.3330	0.4050	0.3733	0.3645	0.3608	Ave		0.3606			0.1000	7.9		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 38138

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2010 22:32 Calibration End Date: 05/22/2010 03:00 Calibration ID: 6290

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2,2-Dichloropropane	0.3932 0.4240	0.5492	0.5094	0.4856	0.4793	Ave		0.4735			0.1000	12.0		30.0			
Cyclohexane	0.4311 0.5067	0.5537	0.5510	0.5543	0.5472	Ave		0.5240			0.1000	9.3		30.0			
Chlorobromomethane	0.1926 0.1789	0.2246	0.2023	0.1993	0.1947	Ave		0.1987			0.1000	7.6		30.0			
Chloroform	0.5237 0.5442	0.6651	0.6063	0.5934	0.5861	Ave		0.5865			0.1000	8.5		30.0			
Carbon tetrachloride	0.4171 0.5262	0.5264	0.5760	0.5689	0.5800	Ave		0.5324			0.1000	11.5		30.0			
Ethyl acetate	0.0317 0.0392	0.0396	0.0408	0.0402	0.0405	Ave		0.0387		*	0.1000	8.9		30.0			
Tetrahydrofuran	0.2444 0.1457	0.1594	0.1628	0.1560	0.1532	LinF		0.1468							0.9995		0.9900
1,1,1-Trichloroethane	0.4122 0.5077	0.5839	0.5709	0.5529	0.5585	Ave		0.5310			0.1000	12.0		30.0			
1,1-Dichloropropene	0.3215 0.3855	0.4308	0.4131	0.4100	0.4124	Ave		0.3955			0.1000	9.9		30.0			
2-Butanone (MEK)	0.0474 0.0597	0.0522	0.0651	0.0636	0.0646	Ave		0.0588		*	0.1000	12.5		30.0			
n-Heptane	0.1387 0.1667	0.1746	0.1792	0.1794	0.1856	Ave		0.1707			0.1000	9.9		30.0			
Benzene	1.4796 1.4142	1.7568	1.6246	1.5747	1.5362	Ave		1.5643			0.1000	7.6		30.0			
Tert-amyl methyl ether	0.7942 0.9117	0.8853	0.9483	0.9394	0.9648	Ave		0.9073			0.1000	6.9		30.0			
1,2-Dichloroethane	0.3960 0.4044	0.5174	0.4551	0.4452	0.4390	Ave		0.4429			0.1000	9.8		30.0			
Isopropyl acetate	0.5013 0.6440	0.6037	0.6366	0.6360	0.6663	Ave		0.6147			0.1000	9.6		30.0			
Methylcyclohexane	0.4120 0.5187	0.5112	0.5401	0.5495	0.5609	Ave		0.5154			0.1000	10.5		30.0			
Trichloroethene	0.2847 0.3137	0.3531	0.3288	0.3319	0.3353	Ave		0.3246			0.1000	7.2		30.0			
Dibromomethane	0.2165 0.2108	0.2497	0.2222	0.2231	0.2258	Ave		0.2247			0.1000	6.0		30.0			
n-Butanol	0.0093 0.0120	0.0089	0.0106	0.0117	0.0129	Ave		0.0109		*	0.1000	14.6		30.0			
1,2-Dichloropropane	0.2737 0.2871	0.3303	0.2965	0.2934	0.3032	Ave		0.2974			0.1000	6.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 38138

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2010 22:32 Calibration End Date: 05/22/2010 03:00 Calibration ID: 6290

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl acrylate	0.3448 0.4398	0.4099	0.4103	0.4147	0.4430	Ave		0.4104			0.1000	8.6		30.0			
Dichlorobromomethane	0.3608 0.4354	0.4877	0.4376	0.4398	0.4575	Ave		0.4365			0.1000	9.6		30.0			
Methyl methacrylate	0.0790 0.1017	0.0908	0.1002	0.0980	0.1059	Ave		0.0959		*	0.1000	10.1		30.0			
n-Propyl acetate	0.4514 0.4827	0.4565	0.4624	0.4578	0.4905	Ave		0.4669			0.1000	3.4		30.0			
2-Chloroethyl vinyl ether	0.1377 0.2072	0.1730	0.1816	0.1899	0.2103	Ave		0.1833			0.1000	14.5		30.0			
cis-1,3-Dichloropropene	0.5272 0.5764	0.6314	0.5913	0.5974	0.6136	Ave		0.5896			0.1000	6.1		30.0			
Toluene	1.6998 1.5531	1.8517	1.6556	1.6488	1.6550	Ave		1.6773			0.1000	5.8		30.0			
Epichlorohydrin	0.0445 0.0484	0.0467	0.0500	0.0496	0.0512	Ave		0.0484		*	0.1000	5.1		30.0			
Tetrachloroethene	0.3515 0.4368	0.4981	0.4687	0.4704	0.4757	Ave		0.4502			0.1000	11.6		30.0			
4-Methyl-2-pentanone (MIBK)	0.3854 0.4476	0.4031	0.4436	0.4494	0.4761	Ave		0.4342			0.1000	7.7		30.0			
trans-1,3-Dichloropropene	0.4865 0.5515	0.5802	0.5504	0.5663	0.5827	Ave		0.5529			0.1000	6.4		30.0			
1,1,2-Trichloroethane	0.2739 0.2775	0.3323	0.3008	0.2941	0.2992	Ave		0.2963			0.1000	7.1		30.0			
Chlorodibromomethane	0.3956 0.4303	0.4620	0.4221	0.4379	0.4592	Ave		0.4345			0.1000	5.7		30.0			
1,3-Dichloropropane	0.5102 0.5576	0.6326	0.5794	0.5826	0.5948	Ave		0.5762			0.1000	7.1		30.0			
1,2-Dibromoethane	0.3420 0.3684	0.4318	0.3828	0.3885	0.3967	Ave		0.3850			0.1000	7.8		30.0			
n-Butyl acetate	0.0830 0.1144	0.0972	0.1117	0.1167	0.1212	Ave		0.1074			0.1000	13.5		30.0			
2-Hexanone	0.2506 0.3227	0.2769	0.3325	0.3311	0.3367	Ave		0.3084			0.1000	11.6		30.0			
Chlorobenzene	1.0094 1.0682	1.1893	1.0852	1.0825	1.1145	Ave		1.0915			0.1000	5.4		30.0			
Ethylbenzene	0.4546 0.5428	0.5752	0.5486	0.5667	0.5822	Ave		0.5450			0.1000	8.6		30.0			
1,1,1,2-Tetrachloroethane	0.3871 0.4316	0.4999	0.4598	0.4667	0.4749	Ave		0.4533			0.1000	8.7		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 38138

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2010 22:32 Calibration End Date: 05/22/2010 03:00 Calibration ID: 6290

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
m-Xylene & p-Xylene	0.5288 0.6695	0.6952	0.6848	0.7111	0.7427	Ave		0.6720			0.1000	11.1		30.0			
o-Xylene	0.5069 0.6869	0.6998	0.6771	0.7170	0.7414	Ave		0.6715			0.1000	12.5		30.0			
Bromoform	0.2809 0.3555	0.3755	0.3415	0.3523	0.3751	Ave		0.3468			0.1000	10.1		30.0			
Styrene	0.7880 1.1554	1.0582	1.0752	1.1315	1.2068	Ave		1.0692			0.1000	13.8		30.0			
n-Butyl acrylate	0.2004 0.3118	0.2499	0.2989	0.3087	0.3337	LinF		0.3149							0.9991		0.9900
Isopropylbenzene	1.1667 +++++	1.8408	1.8150	1.9023	1.9974	LinF		1.9904							0.9997		0.9900
Camphene	0.3987 0.6663	0.5831	0.6558	0.6846	0.6999	LinF		0.6713							0.9995		0.9900
Amyl acetate (mixed isomers)	0.8855 1.3382	1.0737	1.2553	1.3092	1.3873	LinF		1.3448							0.9997		0.9900
Bromobenzene	0.8766 0.9096	1.0071	0.9036	0.9283	0.9601	Ave		0.9309			0.1000	5.0		30.0			
N-Propylbenzene	2.8119 +++++	3.8030	3.6187	3.8519	4.1349	Ave		3.6441			0.1000	13.7		30.0			
1,1,2,2-Tetrachloroethane	0.8676 0.9229	1.0169	0.9408	0.9561	0.9776	Ave		0.9470			0.1000	5.3		30.0			
2-Chlorotoluene	1.8198 2.2089	2.3281	2.2164	2.3200	2.4471	Ave		2.2234			0.1000	9.7		30.0			
1,2,3-Trichloropropane	0.2913 0.2890	0.3479	0.3061	0.3107	0.3141	Ave		0.3098			0.1000	6.9		30.0			
1,3,5-Trimethylbenzene	2.0039 2.4791	2.7297	2.7260	2.9507	3.2073	QuaF		0.2355	0.0067						0.9991		0.9900
trans-1,4-Dichloro-2-butene	0.2313 0.2497	0.2506	0.2777	0.2639	0.2686	Ave		0.2570			0.1000	6.4		30.0			
4-Chlorotoluene	1.8625 2.2200	2.3277	2.1759	2.2997	2.4096	Ave		2.2159			0.1000	8.6		30.0			
tert-Butylbenzene	1.4899 2.3788	2.2154	2.2656	2.5120	2.7480	LinF		2.4368							0.9959		0.9900
Butyl Methacrylate	0.5710 1.0349	0.7845	0.9239	0.9871	1.0559	LinF		1.0373							0.9999		0.9900
1,2,4-Trimethylbenzene	2.0711 2.4515	2.9455	2.8081	2.9946	3.2129	QuaF		0.2280	0.0073						0.9990		0.9900
sec-Butylbenzene	2.1750 +++++	3.4332	3.4484	3.8105	4.1523	LinF		4.1280							0.9990		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 38138

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2010 22:32 Calibration End Date: 05/22/2010 03:00 Calibration ID: 6290

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Isopropyltoluene	1.9355 +++++	2.8719	2.9512	3.2417	3.5750	LinF		3.5521							0.9988		0.9900
1,3-Dichlorobenzene	1.6686 1.7035	1.8986	1.7096	1.7488	1.7939	Ave		1.7538			0.1000	4.7		30.0			
1,4-Dichlorobenzene	1.7762 1.7252	1.9904	1.7697	1.7769	1.8175	Ave		1.8093			0.1000	5.2		30.0			
2-Octanone	0.9414 1.4999	1.1508	1.3206	1.4083	1.5475	LinF		1.5056							0.9997		0.9900
Benzyl chloride	3.5300 3.9144	4.4665	4.5041	4.7322	5.0049	Ave		4.3587			0.1000	12.5		30.0			
n-Butylbenzene	3.5428 3.9071	4.4710	4.5041	4.7322	5.0049	Ave		4.3603			0.1000	12.4		30.0			
1,2-Dichlorobenzene	1.6182 1.7289	1.9296	1.7535	1.7878	1.8373	Ave		1.7759			0.1000	5.9		30.0			
1,2-Dibromo-3-Chloropropane	0.1782 0.2000	0.2150	0.1956	0.2079	0.2126	Ave		0.2016			0.1000	6.8		30.0			
Hexachlorobutadiene	0.6382 0.6255	0.6265	0.6067	0.6552	0.6986	Ave		0.6418			0.1000	5.0		30.0			
1,2,4-Trichlorobenzene	1.4455 1.4126	1.4847	1.3826	1.4681	1.5229	Ave		1.4527			0.1000	3.5		30.0			
Camphor	0.0765 0.1775	0.0861	0.1073	0.1332	0.1669	LinF		0.1758							0.9982		0.9900
Naphthalene	2.7548 2.4358	3.2093	3.2510	3.5246	3.6736	Ave		3.1415			0.1000	14.9		30.0			
1,2,3-Trichlorobenzene	1.3834 1.2992	1.4286	1.3283	1.3660	1.4078	Ave		1.3689			0.1000	3.6		30.0			
1,2-Dichloroethane-d4 (Surr)	0.0457 0.0423	0.0441	0.0430	0.0434	0.0436	Ave		0.0437		*	0.1000	2.6		30.0			
Toluene-d8 (Surr)	1.1055 1.0768	1.1151	1.1111	1.1052	1.0873	Ave		1.1002			0.1000	1.4		30.0			
4-Bromofluorobenzene	0.8166 0.8530	0.8285	0.8263	0.8448	0.8482	Ave		0.8362			0.1000	1.7		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 38138

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2010 22:32 Calibration End Date: 05/22/2010 03:00 Calibration ID: 6290

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-38138/7	d19224.d
Level 2	IC 460-38138/2	d19213.d
Level 3	ICIS 460-38138/3	d19215.d
Level 4	IC 460-38138/4	d19216.d
Level 5	IC 460-38138/5	d19217.d
Level 6	IC 460-38138/6	d19218.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1-Chloropropane	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
2-Chloropropane	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Allyl alcohol	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Dimethylnaphthalene (total)	DCB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Methylnaphthalene (total)	DCB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Propene	FB	Ave	+++++ +++++	+++++	+++++	+++++	+++++	+++++ +++++	+++++	+++++	+++++	+++++
Dichlorodifluoromethane	FB	Ave	6218 3905498	34233	136040	375979	1490385	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	7577 4001847	31664	121025	339625	1430834	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	7445 4313535	35165	138646	382885	1590544	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	5908 3157191	26089	100766	277080	1153952	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	4668 2340241	18352	75555	209410	847609	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	1162 543877	5009	19939	52250	204022	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	9461 5906356	51463	205593	565113	2249626	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	7204 4581268	39622	150820	408354	1606358	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	4640 2488594	23857	86382	228830	887983	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	4936 3121984	30250	102817	274959	1125770	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 38138

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2010 22:32 Calibration End Date: 05/22/2010 03:00 Calibration ID: 6290

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon disulfide	FB	Ave	19682 11732627	100574	381069	1010639	4127190	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	5908 3408105	31074	116722	324195	1268270	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	Ave	13115 7116889	65790	242595	637074	2544547	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	6260 599190	28177	51136	138708	277994	4.00 400	20.0	40.0	100	200
Isopropyl alcohol	FB	Ave	527052 3171064	894324	1368898	1836106	2413204	1000 6000	2000	3000	4000	5000
Methylene Chloride	FB	Ave	7072 3638491	37296	121488	325197	1303059	1.00 500	5.00	20.0	50.0	200
Acetone	FB	QuaF	12979 352812	14920	15544	45837	138386	10.0 500	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	5730 3313599	32379	109378	298298	1187410	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	1578 882385	8057	28896	77260	310011	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	3486 2059229	21332	73086	195412	778328	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	18734 9862494	89082	330075	873996	3570203	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	FB	Ave	17560 8772564	73935	267163	734669	3106766	20.0 10000	100	400	1000	4000
Acetonitrile	FB	Ave	4951 2189568	17747	71345	180433	832144	20.0 10000	100	400	1000	4000
Isopropyl ether	FB	Ave	21181 9730796	93906	328203	858106	3472914	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	9536 5400077	53569	177180	480698	1932078	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	4832 603038	24426	48013	134782	270823	2.00 200	10.0	20.0	50.0	100
Tert-butyl ethyl ether	FB	LinF	14018 10317253	82996	443052	1027325	3806623	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	8349 5656014	45223	200102	523711	2027997	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	6159 3606203	35402	117740	318782	1295824	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	7407 4591645	48007	160645	424665	1721579	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	8121 5486757	48398	173765	484717	1965425	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 38138

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2010 22:32 Calibration End Date: 05/22/2010 03:00 Calibration ID: 6290

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorobromomethane	FB	Ave	3628 1937757	19634	63810	174287	699124	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	9866 5892928	58142	191211	518890	2105034	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	7857 5698460	46014	181637	497505	2083138	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	1195 848552	6926	25747	70361	290710	2.00 1000	10.0	40.0	100	400
Tetrahydrofuran	FB	LinF	4603 1577403	13935	51341	136454	550075	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	7764 5498604	51039	180054	483508	2005952	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	6057 4174583	37656	130272	358500	1480994	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	FB	Ave	8938 646515	13689	20519	55640	232128	10.0 500	15.0	20.0	50.0	200
n-Heptane	FB	Ave	2612 1805231	15258	56515	156843	666703	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	21062 13066577	118424	399527	1090105	4563027	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	14960 9873485	77384	299052	821493	3465150	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	7459 4378916	45228	143534	389304	1576820	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	18887 13947268	105550	401544	1112285	4785945	2.00 1000	10.0	40.0	100	400
Methylcyclohexane	FB	Ave	7761 5616944	44689	170341	480514	2014600	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	5363 3396910	30868	103702	290217	1204316	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	4079 2282499	21825	70060	195061	811060	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	87255 777845	154775	250791	407994	578903	500 3000	1000	1500	2000	2500
1,2-Dichloropropane	FB	Ave	5155 3108818	28870	93518	256562	1089047	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	6496 4762368	35829	129381	362612	1590973	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	6796 4714680	42632	138007	384545	1643188	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1488 1101660	7935	31593	85720	380503	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 38138

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2010 22:32 Calibration End Date: 05/22/2010 03:00 Calibration ID: 6290

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Propyl acetate	FB	Ave	17007 10455323	79802	291616	800593	3523365	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	2593 2244299	15119	57262	166020	755469	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	CBZ	Ave	7505 5326101	42563	145421	413570	1822573	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	24197 14350386	124818	407165	1141365	4915983	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	12672 8934969	62916	246157	686452	3040849	20.0 10000	100	400	1000	4000
Tetrachloroethene	CBZ	Ave	5003 4035563	33577	115254	325632	1412877	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	54862 4135813	81509	109096	311102	1414116	10.0 500	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	6925 5095174	39113	135352	391995	1730809	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3899 2564138	22402	73972	203558	888642	1.00 500	5.00	20.0	50.0	200
Chlorodibromomethane	CBZ	Ave	5632 3975748	31145	103814	303106	1363979	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	7263 5151630	42641	142491	403285	1766875	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	4869 3403647	29109	94130	268971	1178358	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBZ	Ave	2363 2114184	13108	54958	161571	720176	2.00 1000	10.0	40.0	100	400
2-Hexanone	CBZ	Ave	35671 2981996	55999	81767	229223	1000253	10.0 500	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	14369 9870045	80168	266879	749339	3310648	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	6471 5015111	38770	134915	392262	1729487	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	5511 3987798	33699	113069	323105	1410538	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	15055 12371330	93725	336805	984461	4411998	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	7216 6346523	47170	166525	496343	2202374	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	3999 3284966	25312	83987	243857	1114194	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	11217 10674972	71334	264420	783299	3584823	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 38138

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2010 22:32 Calibration End Date: 05/22/2010 03:00 Calibration ID: 6290

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butyl acrylate	CBZ	LinF	2853 2880711	16842	73514	213718	991102	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	LinF	16608 +++++	124085	446362	1316849	5933026	1.00 +++++	5.00	20.0	50.0	200
Camphene	CBZ	LinF	5675 6156685	39306	161282	473925	2079118	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCB	LinF	7334 6746806	42509	179922	513452	2296829	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	7260 4585888	39874	129504	364062	1589470	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	23289 +++++	150566	518661	1510699	6845558	1.00 +++++	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	7186 4653026	40259	134836	374976	1618441	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	15072 11136451	92173	317675	909885	4051322	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	2413 1456876	13772	43866	121872	519987	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	QuaF	16597 12498505	108070	390708	1157254	5309983	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1916 1259086	9923	39795	103518	444722	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	15426 11192230	92154	311864	901937	3989273	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	LinF	12340 11992979	87709	324717	985179	4549540	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	LinF	4729 5217512	31061	132426	387128	1748066	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	QuaF	17153 12359242	116615	402475	1174453	5319233	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	LinF	18014 +++++	135922	494253	1494454	6874388	1.00 +++++	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	LinF	16030 +++++	113700	422993	1271385	5918752	1.00 +++++	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	13820 8588144	75166	245038	685875	2969884	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	14711 8697925	78803	253649	696888	3008989	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	LinF	7797 7561972	45562	189280	552327	2561986	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	29236 19734640	176835	645557	1855961	8285963	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 38138

SDG No.:

Instrument ID: VOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/21/2010 22:32 Calibration End Date: 05/22/2010 03:00 Calibration ID: 6290

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCB	Ave	29342 19697790	177011	645557	1855961	8285963	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	13402 8716345	76396	251330	701186	3041862	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1476 1008105	8514	28041	81530	352006	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	5286 3153313	24805	86963	256986	1156595	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	11972 7121597	58782	198169	575766	2521330	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	LinF	3169 4474742	17039	76892	261213	1381979	5.00 2500	25.0	100	250	1000
Naphthalene	DCB	Ave	22816 12280168	127061	465953	1382332	6081829	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	11458 6549800	56559	190380	535733	2330747	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	43002 45788	38568	33909	37941	39186	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	786834 994923	751667	683117	765044	807440	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	338154 430030	328017	296083	331342	351050	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19213.d
Report Date: 25-May-2010 11:00

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19213.d
Lab Smp Id: IC-VM8CAL2
Inj Date : 21-MAY-2010 22:32
Operator : Inst ID: VOAMS4.i
Smp Info : IC-VM8CAL2
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:00 vibha Quant Type: ISTD
Cal Date : 21-MAY-2010 23:22 Cal File: d19215.d
Als bottle: 4 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.286	1.286	(0.272)	34233	5.00000	5.0
3 Chloromethane	50	1.377	1.384	(0.291)	31664	5.00000	4.7
4 Vinyl Chloride	62	1.457	1.457	(0.308)	35165	5.00000	4.8
6 Bromomethane	94	1.646	1.646	(0.347)	26089	5.00000	4.8
5 Chloroethane	64	1.713	1.713	(0.362)	18352	5.00000	4.5
7 Trichlorofluoromethane	101	1.853	1.853	(0.391)	51463	5.00000	5.0
8 n-Pentane	72	1.816	1.804	(0.383)	5009	5.00000	4.9(a)
10 Isoprene	67	2.005	2.005	(0.423)	39622	5.00000	5.1
11 Ethyl Ether	59	2.024	2.024	(0.427)	23857	5.00000	5.3
13 Acrolein	56	2.402	2.402	(0.507)	28177	20.0000	20
15 1,1-Dichloroethene	96	2.152	2.158	(0.454)	30250	5.00000	5.6
14 Freon TF	101	2.213	2.219	(0.467)	31074	5.00000	5.1
16 Acetone	58	2.615	2.621	(0.552)	14920	15.0000	18
17 Iodomethane	142	2.255	2.262	(0.476)	65790	5.00000	5.2
18 Carbon Disulfide	76	2.182	2.176	(0.461)	100574	5.00000	5.1
19 Isopropanol	45	2.548	2.554	(0.538)	894324	2000.00	1900

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19213.d
Report Date: 25-May-2010 11:00

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	2.962	2.969	(0.625)	17747	100.000	91
	27 Methyl Acetate	74	2.706	2.707	(0.571)	8057	5.00000	5.3
	22 Methylene Chloride	84	2.572	2.572	(0.543)	37296	5.00000	5.7
	24 TBA	59	2.889	2.902	(0.610)	73935	100.000	99
	25 trans-1,2-Dichloroethene	96	2.682	2.682	(0.566)	32379	5.00000	5.6
	26 Acrylonitrile	53	3.206	3.206	(0.677)	24426	10.0000	9.7
	28 MTBE	73	2.786	2.780	(0.588)	89082	5.00000	5.1
	29 Hexane	56	2.731	2.737	(0.577)	21332	5.00000	5.7
	30 1,1-Dichloroethane	63	3.151	3.152	(0.665)	53569	5.00000	5.6
	31 Vinyl Acetate	43	3.365	3.371	(0.710)	45223	5.00000	4.7
	32 DIPE	45	3.072	3.078	(0.649)	93906	5.00000	5.3
	35 t-Butyl-ethyl-ether	59	3.365	3.365	(0.710)	82996	5.00000	4.9
	37 2,2-Dichloropropane	77	3.688	3.682	(0.779)	48007	5.00000	5.8
	36 cis-1,2-Dichloroethene	96	3.590	3.591	(0.758)	35402	5.00000	5.6
	38 2-Butanone	72	4.115	4.109	(0.869)	13689	15.0000	13
	39 Ethyl Acetate	70	3.950	3.950	(0.834)	6926	10.0000	10
	40 Bromochloromethane	128	3.761	3.755	(0.794)	19634	5.00000	5.6
	41 Tetrahydrofuran	42	3.962	3.956	(0.837)	13935	5.00000	5.4
	42 Chloroform	83	3.828	3.834	(0.808)	58142	5.00000	5.7
	43 1,1,1-Trichloroethane	97	3.999	3.999	(0.844)	51039	5.00000	5.5
	44 Cyclohexane	56	3.755	3.749	(0.793)	48398	5.00000	5.3
	45 Carbon Tetrachloride	117	3.938	3.938	(0.831)	46014	5.00000	4.9
	46 1,1-Dichloropropene	75	4.096	4.103	(0.865)	37656	5.00000	5.4
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.462	4.468	(0.942)	38568	50.0000	50
	48 Benzene	78	4.334	4.334	(0.535)	118424	5.00000	5.6
	49 1,2-Dichloroethane	62	4.529	4.529	(0.956)	45228	5.00000	5.8
	51 n-Heptane	57	4.322	4.322	(0.912)	15258	5.00000	5.1
	50 t-Amyl-methyl-ether	73	4.474	4.468	(0.945)	77384	5.00000	4.9
	61 Isopropyl Acetate	43	4.822	4.822	(1.018)	105550	10.0000	9.8
*	52 Fluorobenzene	96	4.737	4.737	(1.000)	874121	50.0000	
	54 Trichloroethene	95	4.895	4.901	(1.033)	30868	5.00000	5.4
	53 n-Butanol	56	5.334	5.340	(1.126)	154775	1000.00	810
	56 Methyl cyclohexane	83	4.889	4.883	(1.032)	44689	5.00000	5.0
	55 Ethyl Acrylate	55	5.523	5.523	(1.166)	35829	5.00000	5.0
	57 1,2-Dichloropropane	63	5.438	5.444	(1.148)	28870	5.00000	5.6
	58 Dibromomethane	93	5.334	5.334	(1.126)	21825	5.00000	5.6
	59 Methyl Methacrylate	100	5.755	5.755	(1.215)	7935	5.00000	4.7
	75 Propyl Acetate	43	5.925	5.925	(1.251)	79802	10.0000	9.8
	68 Bromodichloromethane	83	5.529	5.529	(1.167)	42632	5.00000	5.6
	62 2-Chloroethyl Vinyl Ether	63	6.218	6.224	(1.313)	15119	5.00000	4.7
	63 Epichlorohydrin	57	6.572	6.572	(0.811)	62916	100.000	96
	67 cis-1,3-Dichloropropene	75	6.255	6.255	(0.771)	42563	5.00000	5.4
	70 4-Methyl-2-Pentanone	43	7.023	7.029	(0.866)	81509	15.0000	14
$	65 Toluene-d8 (SUR)	98	6.474	6.474	(0.798)	751667	50.0000	51
	66 Toluene	91	6.529	6.535	(0.805)	124818	5.00000	5.5
	64 trans-1,3-Dichloropropene	75	7.047	7.047	(0.869)	39113	5.00000	5.2
	69 1,1,2-Trichloroethane	83	7.212	7.218	(0.889)	22402	5.00000	5.6

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19213.d
Report Date: 25-May-2010 11:00

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	6.974	6.974	(0.860)	33577	5.00000	5.5
	72 1,3-Dichloropropane	76	7.486	7.486	(0.923)	42641	5.00000	5.5
	73 2-Hexanone	43	7.901	7.895	(0.974)	55999	15.0000	13
	74 Dibromochloromethane	129	7.382	7.382	(0.911)	31145	5.00000	5.3
	76 Butyl Acetate	73	7.840	7.840	(0.967)	13108	10.0000	9.0
	77 1,2-Dibromoethane	107	7.602	7.596	(0.938)	29109	5.00000	5.6
*	78 Chlorobenzene-d5	117	8.108	8.108	(1.000)	674081	50.0000	
	79 Chlorobenzene	112	8.120	8.120	(1.002)	80168	5.00000	5.4
	80 1,1,1,2-Tetrachloroethane	131	8.199	8.199	(1.011)	33699	5.00000	5.5
	81 Ethylbenzene	106	8.175	8.175	(1.008)	38770	5.00000	5.3
	82 m+p-Xylene	106	8.315	8.315	(1.026)	93725	10.0000	10
	84 o-Xylene	106	8.687	8.687	(1.071)	47170	5.00000	5.2
	85 Styrene	104	8.736	8.736	(1.077)	71334	5.00000	4.9
	83 Butyl Acrylate	73	8.888	8.888	(1.096)	16842	5.00000	4.0
	86 Bromoform	173	8.736	8.736	(1.077)	25312	5.00000	5.4
	87 Amyl Acetate	43	9.108	9.108	(0.906)	42509	5.00000	4.0
	88 Isopropylbenzene	105	8.961	8.961	(1.105)	124085	5.00000	4.6
$	89 Bromofluorobenzene (SUR)	174	9.175	9.175	(0.913)	328017	50.0000	50
	90 Camphene (total)	93	9.034	9.035	(1.114)	39306	5.00000	4.3
	91 Bromobenzene	156	9.248	9.248	(0.920)	39874	5.00000	5.4
	92 1,1,2,2-Tetrachloroethane	83	9.370	9.370	(0.932)	40259	5.00000	5.4
	93 1,2,3-Trichloropropane	110	9.461	9.461	(0.941)	13772	5.00000	5.6
	94 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(0.945)	9923	5.00000	4.9
	95 n-Propylbenzene	91	9.297	9.297	(0.925)	150566	5.00000	5.2
	96 2-Chlorotoluene	91	9.406	9.406	(0.936)	92173	5.00000	5.2
	97 1,3,5-Trimethylbenzene	105	9.467	9.467	(0.942)	108070	5.00000	3.2
	98 4-Chlorotoluene	91	9.540	9.541	(0.949)	92154	5.00000	5.2
	99 Butyl Methacrylate	87	9.723	9.723	(0.967)	31061	5.00000	3.8
	100 tert-Butylbenzene	119	9.705	9.705	(0.965)	87709	5.00000	4.5
	101 1,2,4-Trimethylbenzene	105	9.766	9.766	(0.971)	116615	5.00000	3.4
	102 2-Octanone	43	10.168	10.169	(1.012)	45562	5.00000	3.8
	103 sec-Butylbenzene	105	9.845	9.845	(0.979)	135922	5.00000	4.2
	105 1,3-Dichlorobenzene	146	9.992	9.992	(0.994)	75166	5.00000	5.4
	107 p-Isopropyltoluene	119	9.961	9.961	(0.991)	113700	5.00000	4.0
*	108 1,4-Dichlorobenzene-d4	152	10.053	10.053	(1.000)	395910	50.0000	
	109 1,4-Dichlorobenzene	146	10.059	10.059	(1.001)	78803	5.00000	5.5
	110 Benzyl Chloride	91	10.272	10.272	(1.022)	176835	5.00000	5.1
	106 n-Butylbenzene	91	10.272	10.272	(1.022)	177011	5.00000	5.1
	111 1,2-Dichlorobenzene	146	10.376	10.376	(1.032)	76396	5.00000	5.4
	112 1,2-Dibromo-3-chloropropane	75	10.961	10.961	(1.090)	8514	5.00000	5.3
	113 Camphor	95	11.650	11.650	(1.159)	17039	25.0000	12
	114 1,2,4-Trichlorobenzene	180	11.449	11.449	(1.139)	58782	5.00000	5.1
	115 Hexachlorobutadiene	225	11.430	11.430	(1.137)	24805	5.00000	4.9
	116 Naphthalene	128	11.674	11.674	(1.161)	127061	5.00000	5.1
	117 1,2,3-Trichlorobenzene	180	11.808	11.802	(1.175)	56559	5.00000	5.2
M	120 1,2-Dichloroethene (Total)	100				67781	10.0000	11
M	121 Xylene (Total)	100				140895	15.0000	16

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19213.d
Report Date: 25-May-2010 11:00

QC Flag Legend

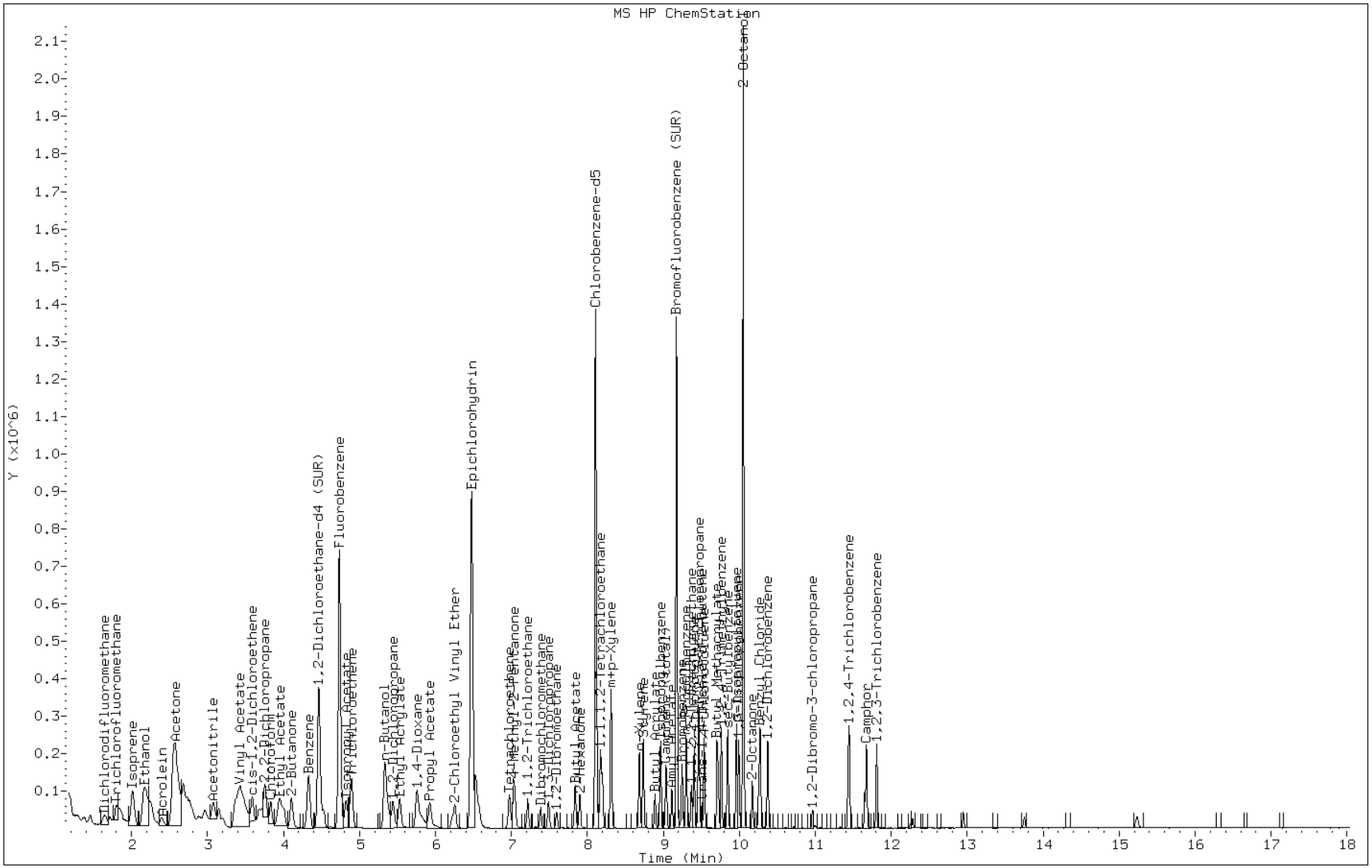
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d19213.d

Date: 21-MAY-2010 22:32

Client ID: Instrument: VOAMS4.i

Sample Info: IC-VM8CAL2 Operator:



Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19215.d
Report Date: 25-May-2010 11:00

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19215.d
Lab Smp Id: ICIS-VM8CAL3
Inj Date : 21-MAY-2010 23:22
Operator : Inst ID: VOAMS4.i
Smp Info : ICIS-VM8CAL3
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:00 vibha Quant Type: ISTD
Cal Date : 21-MAY-2010 23:22 Cal File: d19215.d
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.286	1.286	(0.272)	136040	20.0000	22
3 Chloromethane	50	1.384	1.384	(0.292)	121025	20.0000	20
4 Vinyl Chloride	62	1.457	1.457	(0.308)	138646	20.0000	21
6 Bromomethane	94	1.646	1.646	(0.347)	100766	20.0000	21
5 Chloroethane	64	1.713	1.713	(0.362)	75555	20.0000	21
7 Trichlorofluoromethane	101	1.853	1.853	(0.391)	205593	20.0000	22
8 n-Pentane	72	1.804	1.804	(0.381)	19939	20.0000	22
10 Isoprene	67	2.005	2.005	(0.423)	150820	20.0000	22
11 Ethyl Ether	59	2.024	2.024	(0.427)	86382	20.0000	21
13 Acrolein	56	2.402	2.402	(0.507)	51136	40.0000	41
15 1,1-Dichloroethene	96	2.158	2.158	(0.456)	102817	20.0000	21
14 Freon TF	101	2.219	2.219	(0.468)	116722	20.0000	21
16 Acetone	58	2.621	2.621	(0.553)	15544	20.0000	21
17 Iodomethane	142	2.262	2.262	(0.477)	242595	20.0000	21
18 Carbon Disulfide	76	2.176	2.176	(0.459)	381069	20.0000	21
19 Isopropanol	45	2.554	2.554	(0.539)	1368898	3000.00	3200

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19215.d
Report Date: 25-May-2010 11:00

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	2.969	2.969	(0.627)	71345	400.000	410
	27 Methyl Acetate	74	2.707	2.707	(0.571)	28896	20.0000	21
	22 Methylene Chloride	84	2.572	2.572	(0.543)	121488	20.0000	20
	24 TBA	59	2.902	2.902	(0.613)	267163	400.000	400
	25 trans-1,2-Dichloroethene	96	2.682	2.682	(0.566)	109378	20.0000	21
	26 Acrylonitrile	53	3.206	3.206	(0.677)	48013	20.0000	21
	28 MTBE	73	2.780	2.780	(0.587)	330075	20.0000	21
	29 Hexane	56	2.737	2.737	(0.578)	73086	20.0000	22
	30 1,1-Dichloroethane	63	3.152	3.152	(0.665)	177180	20.0000	21
	31 Vinyl Acetate	43	3.371	3.371	(0.712)	200102	20.0000	23
	32 DIPE	45	3.078	3.078	(0.650)	328203	20.0000	20
	35 t-Butyl-ethyl-ether	59	3.365	3.365	(0.710)	443052	20.0000	29
	37 2,2-Dichloropropane	77	3.682	3.682	(0.777)	160645	20.0000	22
	36 cis-1,2-Dichloroethene	96	3.591	3.591	(0.758)	117740	20.0000	21
	38 2-Butanone	72	4.109	4.109	(0.867)	20519	20.0000	22
	39 Ethyl Acetate	70	3.950	3.950	(0.834)	25747	40.0000	42
	40 Bromochloromethane	128	3.755	3.755	(0.793)	63810	20.0000	20
	41 Tetrahydrofuran	42	3.956	3.956	(0.835)	51341	20.0000	22
	42 Chloroform	83	3.834	3.834	(0.810)	191211	20.0000	21
	43 1,1,1-Trichloroethane	97	3.999	3.999	(0.844)	180054	20.0000	22
	44 Cyclohexane	56	3.749	3.749	(0.791)	173765	20.0000	21
	45 Carbon Tetrachloride	117	3.938	3.938	(0.831)	181637	20.0000	22
	46 1,1-Dichloropropene	75	4.103	4.103	(0.866)	130272	20.0000	21
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.468	4.468	(0.943)	33909	50.0000	49
	48 Benzene	78	4.334	4.334	(0.535)	399527	20.0000	21
	49 1,2-Dichloroethane	62	4.529	4.529	(0.956)	143534	20.0000	20
	51 n-Heptane	57	4.322	4.322	(0.912)	56515	20.0000	21
	50 t-Amyl-methyl-ether	73	4.468	4.468	(0.943)	299052	20.0000	21
	61 Isopropyl Acetate	43	4.822	4.822	(1.018)	401544	40.0000	41
*	52 Fluorobenzene	96	4.737	4.737	(1.000)	788404	50.0000	
	54 Trichloroethene	95	4.901	4.901	(1.035)	103702	20.0000	20
	53 n-Butanol	56	5.340	5.340	(1.127)	250791	1500.00	1500
	56 Methyl cyclohexane	83	4.883	4.883	(1.031)	170341	20.0000	21
	55 Ethyl Acrylate	55	5.523	5.523	(1.166)	129381	20.0000	20
	57 1,2-Dichloropropane	63	5.444	5.444	(1.149)	93518	20.0000	20
	58 Dibromomethane	93	5.334	5.334	(1.126)	70060	20.0000	20
	59 Methyl Methacrylate	100	5.755	5.755	(1.215)	31593	20.0000	21
	75 Propyl Acetate	43	5.925	5.925	(1.251)	291616	40.0000	40
	68 Bromodichloromethane	83	5.529	5.529	(1.167)	138007	20.0000	20
	62 2-Chloroethyl Vinyl Ether	63	6.224	6.224	(1.314)	57262	20.0000	20
	63 Epichlorohydrin	57	6.572	6.572	(0.811)	246157	400.000	410
	67 cis-1,3-Dichloropropene	75	6.255	6.255	(0.771)	145421	20.0000	20
	70 4-Methyl-2-Pentanone	43	7.029	7.029	(0.867)	109096	20.0000	20
$	65 Toluene-d8 (SUR)	98	6.474	6.474	(0.798)	683117	50.0000	50
	66 Toluene	91	6.535	6.535	(0.806)	407165	20.0000	20
	64 trans-1,3-Dichloropropene	75	7.047	7.047	(0.869)	135352	20.0000	20
	69 1,1,2-Trichloroethane	83	7.218	7.218	(0.890)	73972	20.0000	20

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19215.d
Report Date: 25-May-2010 11:00

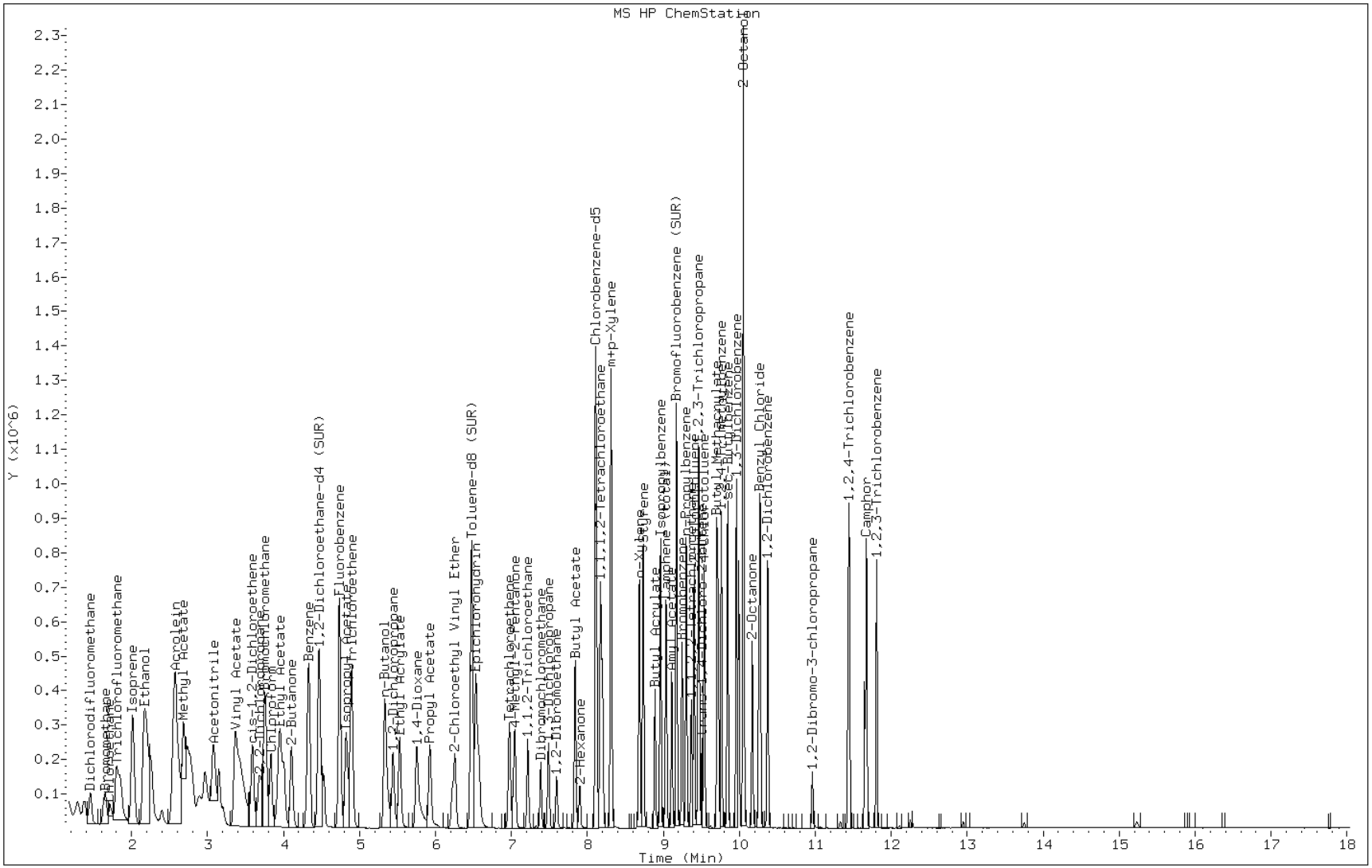
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
71	Tetrachloroethene	166	6.974	6.974	(0.860)	115254	20.0000	21
72	1,3-Dichloropropane	76	7.486	7.486	(0.923)	142491	20.0000	20
73	2-Hexanone	43	7.895	7.895	(0.974)	81767	20.0000	22
74	Dibromochloromethane	129	7.382	7.382	(0.911)	103814	20.0000	19
76	Butyl Acetate	73	7.840	7.840	(0.967)	54958	40.0000	42
77	1,2-Dibromoethane	107	7.596	7.596	(0.937)	94130	20.0000	20
* 78	Chlorobenzene-d5	117	8.108	8.108	(1.000)	614815	50.0000	
79	Chlorobenzene	112	8.120	8.120	(1.002)	266879	20.0000	20
80	1,1,1,2-Tetrachloroethane	131	8.199	8.199	(1.011)	113069	20.0000	20
81	Ethylbenzene	106	8.175	8.175	(1.008)	134915	20.0000	20
82	m+p-Xylene	106	8.315	8.315	(1.026)	336805	40.0000	41
84	o-Xylene	106	8.687	8.687	(1.071)	166525	20.0000	20
85	Styrene	104	8.736	8.736	(1.077)	264420	20.0000	20
83	Butyl Acrylate	73	8.888	8.888	(1.096)	73514	20.0000	19
86	Bromoform	173	8.736	8.736	(1.077)	83987	20.0000	20
87	Amyl Acetate	43	9.108	9.108	(0.906)	179922	20.0000	19
88	Isopropylbenzene	105	8.961	8.961	(1.105)	446362	20.0000	18
$ 89	Bromofluorobenzene (SUR)	174	9.175	9.175	(0.913)	296083	50.0000	49
90	Camphene (total)	93	9.035	9.035	(1.114)	161282	20.0000	20
91	Bromobenzene	156	9.248	9.248	(0.920)	129504	20.0000	19
92	1,1,2,2-Tetrachloroethane	83	9.370	9.370	(0.932)	134836	20.0000	20
93	1,2,3-Trichloropropane	110	9.461	9.461	(0.941)	43866	20.0000	20
94	trans-1,4-Dichloro-2-butene	53	9.504	9.504	(0.945)	39795	20.0000	22
95	n-Propylbenzene	91	9.297	9.297	(0.925)	518661	20.0000	20
96	2-Chlorotoluene	91	9.406	9.406	(0.936)	317675	20.0000	20
97	1,3,5-Trimethylbenzene	105	9.467	9.467	(0.942)	390708	20.0000	13
98	4-Chlorotoluene	91	9.541	9.541	(0.949)	311864	20.0000	20
99	Butyl Methacrylate	87	9.723	9.723	(0.967)	132426	20.0000	18
100	tert-Butylbenzene	119	9.705	9.705	(0.965)	324717	20.0000	18
101	1,2,4-Trimethylbenzene	105	9.766	9.766	(0.971)	402475	20.0000	13
102	2-Octanone	43	10.169	10.169	(1.012)	189280	20.0000	18
103	sec-Butylbenzene	105	9.845	9.845	(0.979)	494253	20.0000	17
105	1,3-Dichlorobenzene	146	9.992	9.992	(0.994)	245038	20.0000	19
107	p-Isopropyltoluene	119	9.961	9.961	(0.991)	422993	20.0000	17
* 108	1,4-Dichlorobenzene-d4	152	10.053	10.053	(1.000)	358317	50.0000	
109	1,4-Dichlorobenzene	146	10.059	10.059	(1.001)	253649	20.0000	20
110	Benzyl Chloride	91	10.272	10.272	(1.022)	645557	20.0000	21
106	n-Butylbenzene	91	10.272	10.272	(1.022)	645557	20.0000	21
111	1,2-Dichlorobenzene	146	10.376	10.376	(1.032)	251330	20.0000	20
112	1,2-Dibromo-3-chloropropane	75	10.961	10.961	(1.090)	28041	20.0000	19
113	Camphor	95	11.650	11.650	(1.159)	76892	100.000	61
114	1,2,4-Trichlorobenzene	180	11.449	11.449	(1.139)	198169	20.0000	19
115	Hexachlorobutadiene	225	11.430	11.430	(1.137)	86963	20.0000	19
116	Naphthalene	128	11.674	11.674	(1.161)	465953	20.0000	21
117	1,2,3-Trichlorobenzene	180	11.802	11.802	(1.174)	190380	20.0000	19
M 120	1,2-Dichloroethene (Total)	100				227118	40.0000	42
M 121	Xylene (Total)	100				503330	60.0000	61

Data File: d19215.d

Date: 21-MAY-2010 23:22

Client ID: Instrument: VOAMS4.i

Sample Info: ICIS-VM8CAL3 Operator:



Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19216.d
Report Date: 25-May-2010 11:00

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19216.d
Lab Smp Id: IC-VM8CAL4
Inj Date : 21-MAY-2010 23:46
Operator : Inst ID: VOAMS4.i
Smp Info : IC-VM8CAL4
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:00 vibha Quant Type: ISTD
Cal Date : 21-MAY-2010 23:22 Cal File: d19215.d
Als bottle: 7 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.298	1.286	(0.274)	375979	50.0000	55
3 Chloromethane	50	1.390	1.384	(0.293)	339625	50.0000	50
4 Vinyl Chloride	62	1.469	1.457	(0.310)	382885	50.0000	52
6 Bromomethane	94	1.664	1.646	(0.351)	277080	50.0000	51
5 Chloroethane	64	1.725	1.713	(0.364)	209410	50.0000	52
7 Trichlorofluoromethane	101	1.859	1.853	(0.392)	565113	50.0000	54
8 n-Pentane	72	1.810	1.804	(0.382)	52250	50.0000	51
10 Isoprene	67	2.011	2.005	(0.424)	408354	50.0000	53
11 Ethyl Ether	59	2.030	2.024	(0.428)	228830	50.0000	51
13 Acrolein	56	2.402	2.402	(0.506)	138708	100.000	100
15 1,1-Dichloroethene	96	2.164	2.158	(0.456)	274959	50.0000	51
14 Freon TF	101	2.225	2.219	(0.469)	324195	50.0000	54
16 Acetone	58	2.621	2.621	(0.553)	45837	50.0000	58
17 Iodomethane	142	2.267	2.262	(0.478)	637074	50.0000	51
18 Carbon Disulfide	76	2.182	2.176	(0.460)	1010639	50.0000	51
19 Isopropanol	45	2.560	2.554	(0.540)	1836106	4000.00	3900

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19216.d
Report Date: 25-May-2010 11:00

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	21 Acetonitrile	39	2.969	2.969	(0.626)	180433	1000.00	930
	27 Methyl Acetate	74	2.719	2.707	(0.573)	77260	50.0000	51
	22 Methylene Chloride	84	2.578	2.572	(0.544)	325197	50.0000	49
	24 TBA	59	2.901	2.902	(0.612)	734669	1000.00	980
	25 trans-1,2-Dichloroethene	96	2.688	2.682	(0.567)	298298	50.0000	51
	26 Acrylonitrile	53	3.212	3.206	(0.677)	134782	50.0000	53
	28 MTBE	73	2.792	2.780	(0.589)	873996	50.0000	50
	29 Hexane	56	2.743	2.737	(0.578)	195412	50.0000	52
	30 1,1-Dichloroethane	63	3.158	3.152	(0.666)	480698	50.0000	50
	31 Vinyl Acetate	43	3.371	3.371	(0.711)	523711	50.0000	55
	32 DIPE	45	3.078	3.078	(0.649)	858106	50.0000	48
	35 t-Butyl-ethyl-ether	59	3.371	3.365	(0.711)	1027325	50.0000	60
	37 2,2-Dichloropropane	77	3.694	3.682	(0.779)	424665	50.0000	51
	36 cis-1,2-Dichloroethene	96	3.596	3.591	(0.758)	318782	50.0000	50
	38 2-Butanone	72	4.115	4.109	(0.868)	55640	50.0000	54
	39 Ethyl Acetate	70	3.956	3.950	(0.834)	70361	100.000	100
	40 Bromochloromethane	128	3.761	3.755	(0.793)	174287	50.0000	50
	41 Tetrahydrofuran	42	3.962	3.956	(0.835)	136454	50.0000	53
	42 Chloroform	83	3.834	3.834	(0.808)	518890	50.0000	50
	43 1,1,1-Trichloroethane	97	4.011	3.999	(0.846)	483508	50.0000	52
	44 Cyclohexane	56	3.761	3.749	(0.793)	484717	50.0000	53
	45 Carbon Tetrachloride	117	3.938	3.938	(0.830)	497505	50.0000	53
	46 1,1-Dichloropropene	75	4.109	4.103	(0.866)	358500	50.0000	52
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.468	4.468	(0.942)	37941	50.0000	50
	48 Benzene	78	4.334	4.334	(0.535)	1090105	50.0000	50
	49 1,2-Dichloroethane	62	4.529	4.529	(0.955)	389304	50.0000	50
	51 n-Heptane	57	4.322	4.322	(0.911)	156843	50.0000	52
	50 t-Amyl-methyl-ether	73	4.474	4.468	(0.943)	821493	50.0000	52
	61 Isopropyl Acetate	43	4.828	4.822	(1.018)	1112285	100.000	100
*	52 Fluorobenzene	96	4.743	4.737	(1.000)	874457	50.0000	
	54 Trichloroethene	95	4.907	4.901	(1.035)	290217	50.0000	51
	53 n-Butanol	56	5.334	5.340	(1.125)	407994	2000.00	2100
	56 Methyl cyclohexane	83	4.889	4.883	(1.031)	480514	50.0000	53
	55 Ethyl Acrylate	55	5.529	5.523	(1.166)	362612	50.0000	50
	57 1,2-Dichloropropane	63	5.444	5.444	(1.148)	256562	50.0000	49
	58 Dibromomethane	93	5.334	5.334	(1.125)	195061	50.0000	50
	59 Methyl Methacrylate	100	5.755	5.755	(1.213)	85720	50.0000	51
	75 Propyl Acetate	43	5.925	5.925	(1.249)	800593	100.000	98
	68 Bromodichloromethane	83	5.535	5.529	(1.167)	384545	50.0000	50
	62 2-Chloroethyl Vinyl Ether	63	6.224	6.224	(1.312)	166020	50.0000	52
	63 Epichlorohydrin	57	6.571	6.572	(0.811)	686452	1000.00	1000
	67 cis-1,3-Dichloropropene	75	6.261	6.255	(0.772)	413570	50.0000	51
	70 4-Methyl-2-Pentanone	43	7.029	7.029	(0.867)	311102	50.0000	52
$	65 Toluene-d8 (SUR)	98	6.474	6.474	(0.798)	765044	50.0000	50
	66 Toluene	91	6.535	6.535	(0.806)	1141365	50.0000	49
	64 trans-1,3-Dichloropropene	75	7.053	7.047	(0.870)	391995	50.0000	51
	69 1,1,2-Trichloroethane	83	7.218	7.218	(0.890)	203558	50.0000	50

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19216.d
Report Date: 25-May-2010 11:00

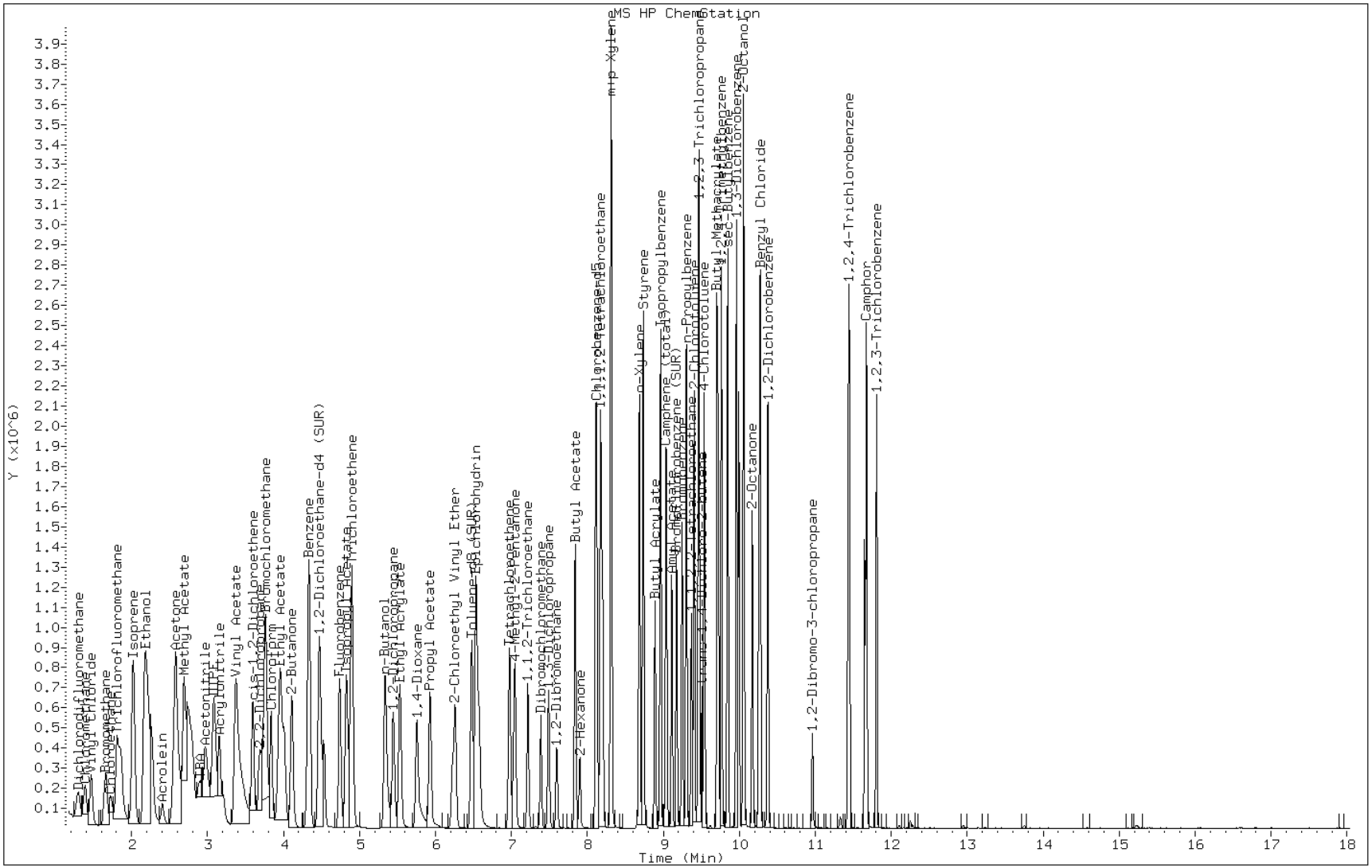
			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	71	Tetrachloroethene	166	6.974	6.974	(0.860)	325632	50.0000	52
	72	1,3-Dichloropropane	76	7.486	7.486	(0.923)	403285	50.0000	50
	73	2-Hexanone	43	7.900	7.895	(0.974)	229223	50.0000	54
	74	Dibromochloromethane	129	7.388	7.382	(0.911)	303106	50.0000	50
	76	Butyl Acetate	73	7.840	7.840	(0.967)	161571	100.000	110
	77	1,2-Dibromoethane	107	7.596	7.596	(0.937)	268971	50.0000	50
*	78	Chlorobenzene-d5	117	8.108	8.108	(1.000)	692247	50.0000	
	79	Chlorobenzene	112	8.126	8.120	(1.002)	749339	50.0000	50
	80	1,1,1,2-Tetrachloroethane	131	8.199	8.199	(1.011)	323105	50.0000	51
	81	Ethylbenzene	106	8.175	8.175	(1.008)	392262	50.0000	52
	82	m+p-Xylene	106	8.315	8.315	(1.026)	984461	100.000	100
	84	o-Xylene	106	8.687	8.687	(1.071)	496343	50.0000	53
	85	Styrene	104	8.736	8.736	(1.077)	783299	50.0000	53
	83	Butyl Acrylate	73	8.888	8.888	(1.096)	213718	50.0000	49
	86	Bromoform	173	8.736	8.736	(1.077)	243857	50.0000	51
	87	Amyl Acetate	43	9.108	9.108	(0.906)	513452	50.0000	49
	88	Isopropylbenzene	105	8.961	8.961	(1.105)	1316849	50.0000	48
$	89	Bromofluorobenzene (SUR)	174	9.175	9.175	(0.913)	331342	50.0000	50
	90	Camphene (total)	93	9.034	9.035	(1.114)	473925	50.0000	51
	91	Bromobenzene	156	9.248	9.248	(0.920)	364062	50.0000	50
	92	1,1,2,2-Tetrachloroethane	83	9.370	9.370	(0.932)	374976	50.0000	50
	93	1,2,3-Trichloropropane	110	9.461	9.461	(0.941)	121872	50.0000	50
	94	trans-1,4-Dichloro-2-butene	53	9.504	9.504	(0.945)	103518	50.0000	51
	95	n-Propylbenzene	91	9.303	9.297	(0.925)	1510699	50.0000	53
	96	2-Chlorotoluene	91	9.406	9.406	(0.936)	909885	50.0000	52
	97	1,3,5-Trimethylbenzene	105	9.467	9.467	(0.942)	1157254	50.0000	38
	98	4-Chlorotoluene	91	9.540	9.541	(0.949)	901937	50.0000	52
	99	Butyl Methacrylate	87	9.723	9.723	(0.967)	387128	50.0000	48
	100	tert-Butylbenzene	119	9.705	9.705	(0.965)	985179	50.0000	52
	101	1,2,4-Trimethylbenzene	105	9.766	9.766	(0.971)	1174453	50.0000	37
	102	2-Octanone	43	10.168	10.169	(1.012)	552327	50.0000	47
	103	sec-Butylbenzene	105	9.845	9.845	(0.979)	1494454	50.0000	46
	105	1,3-Dichlorobenzene	146	9.992	9.992	(0.994)	685875	50.0000	50
	107	p-Isopropyltoluene	119	9.961	9.961	(0.991)	1271385	50.0000	46
*	108	1,4-Dichlorobenzene-d4	152	10.053	10.053	(1.000)	392196	50.0000	
	109	1,4-Dichlorobenzene	146	10.065	10.059	(1.001)	696888	50.0000	49
	110	Benzyl Chloride	91	10.278	10.272	(1.022)	1855961	50.0000	54
	106	n-Butylbenzene	91	10.278	10.272	(1.022)	1855961	50.0000	54
	111	1,2-Dichlorobenzene	146	10.376	10.376	(1.032)	701186	50.0000	50
	112	1,2-Dibromo-3-chloropropane	75	10.961	10.961	(1.090)	81530	50.0000	52
	113	Camphor	95	11.650	11.650	(1.159)	261213	250.000	190
	114	1,2,4-Trichlorobenzene	180	11.449	11.449	(1.139)	575766	50.0000	50
	115	Hexachlorobutadiene	225	11.430	11.430	(1.137)	256986	50.0000	51
	116	Naphthalene	128	11.674	11.674	(1.161)	1382332	50.0000	56
	117	1,2,3-Trichlorobenzene	180	11.808	11.802	(1.175)	535733	50.0000	50
M	120	1,2-Dichloroethene (Total)	100				617080	100.000	100
M	121	Xylene (Total)	100				1480804	150.000	160

Data File: d19216.d

Date: 21-MAY-2010 23:46

Client ID: Instrument: VOAMS4.i

Sample Info: IC-VM8CAL4 Operator:



Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19217.d
Report Date: 25-May-2010 11:01

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19217.d
Lab Smp Id: IC-VM8CAL5
Inj Date : 22-MAY-2010 00:10
Operator : Inst ID: VOAMS4.i
Smp Info : IC-VM8CAL5
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:00 vibha Quant Type: ISTD
Cal Date : 21-MAY-2010 23:22 Cal File: d19215.d
Als bottle: 8 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.292	1.286	(0.273)	1490385	200.000	210
3 Chloromethane	50	1.390	1.384	(0.293)	1430834	200.000	210
4 Vinyl Chloride	62	1.463	1.457	(0.309)	1590544	200.000	210
6 Bromomethane	94	1.658	1.646	(0.350)	1153952	200.000	210
5 Chloroethane	64	1.725	1.713	(0.364)	847609	200.000	200
7 Trichlorofluoromethane	101	1.853	1.853	(0.391)	2249626	200.000	210
8 n-Pentane	72	1.798	1.804	(0.380)	204022	200.000	200
10 Isoprene	67	2.005	2.005	(0.423)	1606358	200.000	200
11 Ethyl Ether	59	2.018	2.024	(0.426)	887983	200.000	190
13 Acrolein	56	2.396	2.402	(0.506)	277994	200.000	200
15 1,1-Dichloroethene	96	2.164	2.158	(0.457)	1125770	200.000	200
14 Freon TF	101	2.213	2.219	(0.467)	1268270	200.000	200
16 Acetone	58	2.615	2.621	(0.552)	138386	200.000	190
17 Iodomethane	142	2.261	2.262	(0.477)	2544547	200.000	200
18 Carbon Disulfide	76	2.182	2.176	(0.461)	4127190	200.000	200
19 Isopropanol	45	2.548	2.554	(0.538)	2413204	5000.00	5000

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19217.d
Report Date: 25-May-2010 11:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	21 Acetonitrile	39	2.969	2.969	(0.627)	832144	4000.00	4200
	27 Methyl Acetate	74	2.706	2.707	(0.571)	310011	200.000	200
	22 Methylene Chloride	84	2.572	2.572	(0.543)	1303059	200.000	190
	24 TBA	59	2.902	2.902	(0.613)	3106766	4000.00	4000
	25 trans-1,2-Dichloroethene	96	2.682	2.682	(0.566)	1187410	200.000	200
	26 Acrylonitrile	53	3.200	3.206	(0.676)	270823	100.000	100
	28 MTBE	73	2.786	2.780	(0.588)	3570203	200.000	200
	29 Hexane	56	2.731	2.737	(0.577)	778328	200.000	200
	30 1,1-Dichloroethane	63	3.151	3.152	(0.665)	1932078	200.000	200
	31 Vinyl Acetate	43	3.365	3.371	(0.710)	2027997	200.000	210
	32 DIPE	45	3.078	3.078	(0.650)	3472914	200.000	190
	35 t-Butyl-ethyl-ether	59	3.365	3.365	(0.710)	3806623	200.000	220
	37 2,2-Dichloropropane	77	3.688	3.682	(0.779)	1721579	200.000	200
	36 cis-1,2-Dichloroethene	96	3.590	3.591	(0.758)	1295824	200.000	200
	38 2-Butanone	72	4.109	4.109	(0.867)	232128	200.000	220
	39 Ethyl Acetate	70	3.956	3.950	(0.835)	290710	400.000	420
	40 Bromochloromethane	128	3.755	3.755	(0.793)	699124	200.000	200
	41 Tetrahydrofuran	42	3.956	3.956	(0.835)	550075	200.000	210
	42 Chloroform	83	3.828	3.834	(0.808)	2105034	200.000	200
	43 1,1,1-Trichloroethane	97	4.005	3.999	(0.846)	2005952	200.000	210
	44 Cyclohexane	56	3.761	3.749	(0.794)	1965425	200.000	210
	45 Carbon Tetrachloride	117	3.938	3.938	(0.831)	2083138	200.000	220
	46 1,1-Dichloropropene	75	4.103	4.103	(0.866)	1480994	200.000	210
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.468	4.468	(0.943)	39186	50.0000	50
	48 Benzene	78	4.334	4.334	(0.535)	4563027	200.000	200
	49 1,2-Dichloroethane	62	4.529	4.529	(0.956)	1576820	200.000	200
	51 n-Heptane	57	4.316	4.322	(0.911)	666703	200.000	220
	50 t-Amyl-methyl-ether	73	4.468	4.468	(0.943)	3465150	200.000	210
	61 Isopropyl Acetate	43	4.822	4.822	(1.018)	4785945	400.000	430
*	52 Fluorobenzene	96	4.737	4.737	(1.000)	897895	50.0000	
	54 Trichloroethene	95	4.901	4.901	(1.035)	1204316	200.000	210
	53 n-Butanol	56	5.334	5.340	(1.126)	578903	2500.00	3000
	56 Methyl cyclohexane	83	4.889	4.883	(1.032)	2014600	200.000	220
	55 Ethyl Acrylate	55	5.523	5.523	(1.166)	1590973	200.000	220
	57 1,2-Dichloropropane	63	5.444	5.444	(1.149)	1089047	200.000	200
	58 Dibromomethane	93	5.334	5.334	(1.126)	811060	200.000	200
	59 Methyl Methacrylate	100	5.749	5.755	(1.214)	380503	200.000	220
	75 Propyl Acetate	43	5.925	5.925	(1.251)	3523365	400.000	420
	68 Bromodichloromethane	83	5.529	5.529	(1.167)	1643188	200.000	210
	62 2-Chloroethyl Vinyl Ether	63	6.224	6.224	(1.314)	755469	200.000	230
	63 Epichlorohydrin	57	6.572	6.572	(0.811)	3040849	4000.00	4200
	67 cis-1,3-Dichloropropene	75	6.255	6.255	(0.771)	1822573	200.000	210
	70 4-Methyl-2-Pentanone	43	7.029	7.029	(0.867)	1414116	200.000	220
$	65 Toluene-d8 (SUR)	98	6.474	6.474	(0.798)	807440	50.0000	49
	66 Toluene	91	6.535	6.535	(0.806)	4915983	200.000	200
	64 trans-1,3-Dichloropropene	75	7.047	7.047	(0.869)	1730809	200.000	210
	69 1,1,2-Trichloroethane	83	7.218	7.218	(0.890)	888642	200.000	200

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19217.d
Report Date: 25-May-2010 11:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	6.974	6.974	(0.860)	1412877	200.000	210
	72 1,3-Dichloropropane	76	7.486	7.486	(0.923)	1766875	200.000	210
	73 2-Hexanone	43	7.894	7.895	(0.974)	1000253	200.000	220
	74 Dibromochloromethane	129	7.388	7.382	(0.911)	1363979	200.000	210
	76 Butyl Acetate	73	7.840	7.840	(0.967)	720176	400.000	450
	77 1,2-Dibromoethane	107	7.596	7.596	(0.937)	1178358	200.000	210
*	78 Chlorobenzene-d5	117	8.108	8.108	(1.000)	742602	50.0000	
	79 Chlorobenzene	112	8.126	8.120	(1.002)	3310648	200.000	200
	80 1,1,1,2-Tetrachloroethane	131	8.199	8.199	(1.011)	1410538	200.000	210
	81 Ethylbenzene	106	8.175	8.175	(1.008)	1729487	200.000	210
	82 m+p-Xylene	106	8.315	8.315	(1.026)	4411998	400.000	440
	84 o-Xylene	106	8.687	8.687	(1.071)	2202374	200.000	220
	85 Styrene	104	8.736	8.736	(1.077)	3584823	200.000	220
	83 Butyl Acrylate	73	8.888	8.888	(1.096)	991102	200.000	210
	86 Bromoform	173	8.736	8.736	(1.077)	1114194	200.000	220
	87 Amyl Acetate	43	9.108	9.108	(0.906)	2296829	200.000	210
	88 Isopropylbenzene	105	8.961	8.961	(1.105)	5933026	200.000	200(A)
$	89 Bromofluorobenzene (SUR)	174	9.175	9.175	(0.913)	351050	50.0000	51
	90 Camphene (total)	93	9.041	9.035	(1.115)	2079118	200.000	210
	91 Bromobenzene	156	9.248	9.248	(0.920)	1589470	200.000	210
	92 1,1,2,2-Tetrachloroethane	83	9.370	9.370	(0.932)	1618441	200.000	210
	93 1,2,3-Trichloropropane	110	9.461	9.461	(0.941)	519987	200.000	200
	94 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(0.945)	444722	200.000	210
	95 n-Propylbenzene	91	9.303	9.297	(0.925)	6845558	200.000	230(A)
	96 2-Chlorotoluene	91	9.406	9.406	(0.936)	4051322	200.000	220
	97 1,3,5-Trimethylbenzene	105	9.467	9.467	(0.942)	5309983	200.000	210
	98 4-Chlorotoluene	91	9.540	9.541	(0.949)	3989273	200.000	220
	99 Butyl Methacrylate	87	9.723	9.723	(0.967)	1748066	200.000	200
	100 tert-Butylbenzene	119	9.705	9.705	(0.965)	4549540	200.000	220
	101 1,2,4-Trimethylbenzene	105	9.766	9.766	(0.971)	5319233	200.000	210
	102 2-Octanone	43	10.168	10.169	(1.012)	2561986	200.000	200
	103 sec-Butylbenzene	105	9.845	9.845	(0.979)	6874388	200.000	200(A)
	105 1,3-Dichlorobenzene	146	9.992	9.992	(0.994)	2969884	200.000	200
	107 p-Isopropyltoluene	119	9.961	9.961	(0.991)	5918752	200.000	200(A)
*	108 1,4-Dichlorobenzene-d4	152	10.053	10.053	(1.000)	413893	50.0000	
	109 1,4-Dichlorobenzene	146	10.065	10.059	(1.001)	3008989	200.000	200
	110 Benzyl Chloride	91	10.278	10.272	(1.022)	8285963	200.000	230
	106 n-Butylbenzene	91	10.278	10.272	(1.022)	8285963	200.000	230
	111 1,2-Dichlorobenzene	146	10.376	10.376	(1.032)	3041862	200.000	210
	112 1,2-Dibromo-3-chloropropane	75	10.961	10.961	(1.090)	352006	200.000	210
	113 Camphor	95	11.650	11.650	(1.159)	1381979	1000.00	950
	114 1,2,4-Trichlorobenzene	180	11.449	11.449	(1.139)	2521330	200.000	210
	115 Hexachlorobutadiene	225	11.430	11.430	(1.137)	1156595	200.000	220
	116 Naphthalene	128	11.674	11.674	(1.161)	6081829	200.000	230
	117 1,2,3-Trichlorobenzene	180	11.808	11.802	(1.175)	2330747	200.000	200
M	120 1,2-Dichloroethene (Total)	100				2483234	400.000	400
M	121 Xylene (Total)	100				6614372	600.000	660

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19217.d
Report Date: 25-May-2010 11:01

QC Flag Legend

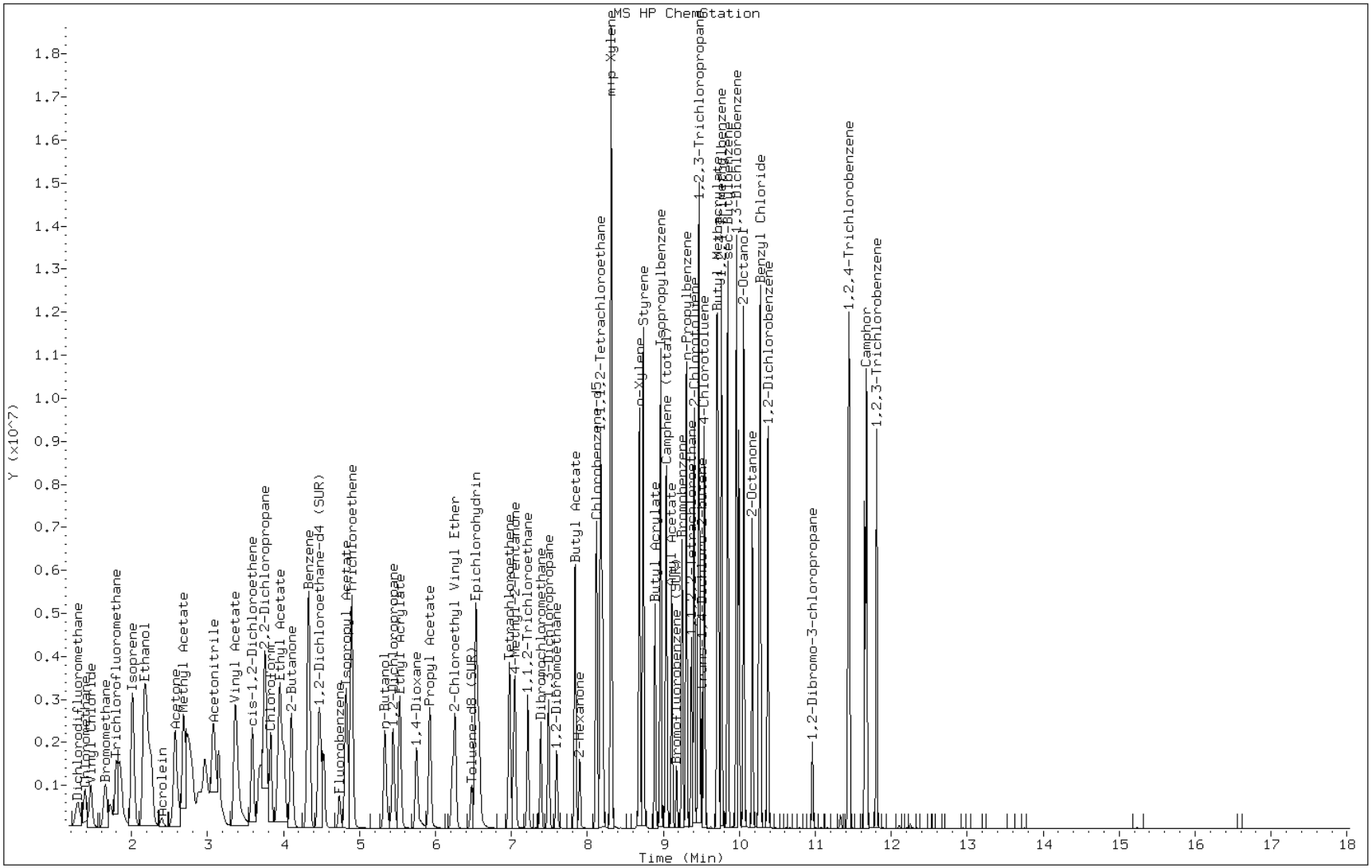
A - Target compound detected but, quantitated amount
    exceeded maximum amount.

Data File: d19217.d

Date: 22-MAY-2010 00:10

Client ID: Instrument: VOAMS4.i

Sample Info: IC-VM8CAL5 Operator:



Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19218.d
Report Date: 25-May-2010 11:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19218.d
Lab Smp Id: IC-VM8CAL6
Inj Date : 22-MAY-2010 00:34
Operator : Inst ID: VOAMS4.i
Smp Info : IC-VM8CAL6
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:01 vibha Quant Type: ISTD
Cal Date : 21-MAY-2010 23:22 Cal File: d19215.d
Als bottle: 9 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.298	1.286	(0.274)	3905498	500.000	460
3 Chloromethane	50	1.408	1.384	(0.297)	4001847	500.000	480
4 Vinyl Chloride	62	1.481	1.457	(0.312)	4313535	500.000	470
6 Bromomethane	94	1.670	1.646	(0.352)	3157191	500.000	470
5 Chloroethane	64	1.737	1.713	(0.366)	2340241	500.000	470
7 Trichlorofluoromethane	101	1.865	1.853	(0.393)	5906356	500.000	460
8 n-Pentane	72	1.810	1.804	(0.382)	543877	500.000	430
10 Isoprene	67	2.018	2.005	(0.425)	4581268	500.000	480
11 Ethyl Ether	59	2.030	2.024	(0.428)	2488594	500.000	450
13 Acrolein	56	2.408	2.402	(0.508)	599190	400.000	350
15 1,1-Dichloroethene	96	2.176	2.158	(0.459)	3121984	500.000	470
14 Freon TF	101	2.225	2.219	(0.469)	3408105	500.000	450
16 Acetone	58	2.633	2.621	(0.555)	352812	500.000	500(A)
17 Iodomethane	142	2.274	2.262	(0.479)	7116889	500.000	460
18 Carbon Disulfide	76	2.200	2.176	(0.464)	11732627	500.000	480
19 Isopropanol	45	2.566	2.554	(0.541)	3171064	6000.00	5500

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19218.d
Report Date: 25-May-2010 11:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	2.975	2.969	(0.627)	2189568	10000.0	9100
	27 Methyl Acetate	74	2.719	2.707	(0.573)	882385	500.000	470
	22 Methylene Chloride	84	2.585	2.572	(0.545)	3638491	500.000	450
	24 TBA	59	2.914	2.902	(0.614)	8772564	10000.0	9400
	25 trans-1,2-Dichloroethene	96	2.688	2.682	(0.567)	3313599	500.000	460
	26 Acrylonitrile	53	3.212	3.206	(0.677)	603038	200.000	190
	28 MTBE	73	2.798	2.780	(0.590)	9862494	500.000	460
	29 Hexane	56	2.743	2.737	(0.578)	2059229	500.000	440
	30 1,1-Dichloroethane	63	3.158	3.152	(0.666)	5400077	500.000	460
	31 Vinyl Acetate	43	3.377	3.371	(0.712)	5656014	500.000	480
	32 DIPE	45	3.091	3.078	(0.652)	9730796	500.000	440
	35 t-Butyl-ethyl-ether	59	3.377	3.365	(0.712)	10317253	500.000	490
	37 2,2-Dichloropropane	77	3.700	3.682	(0.780)	4591645	500.000	450
	36 cis-1,2-Dichloroethene	96	3.597	3.591	(0.758)	3606203	500.000	460
	38 2-Butanone	72	4.115	4.109	(0.868)	646515	500.000	510(A)
	39 Ethyl Acetate	70	3.962	3.950	(0.835)	848552	1000.00	1000(A)
	40 Bromochloromethane	128	3.761	3.755	(0.793)	1937757	500.000	450
	41 Tetrahydrofuran	42	3.968	3.956	(0.837)	1577403	500.000	500
	42 Chloroform	83	3.840	3.834	(0.810)	5892928	500.000	460
	43 1,1,1-Trichloroethane	97	4.011	3.999	(0.846)	5498604	500.000	480
	44 Cyclohexane	56	3.767	3.749	(0.794)	5486757	500.000	480
	45 Carbon Tetrachloride	117	3.950	3.938	(0.833)	5698460	500.000	490
	46 1,1-Dichloropropene	75	4.109	4.103	(0.866)	4174583	500.000	490
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.468	4.468	(0.942)	45788	50.0000	48
	48 Benzene	78	4.340	4.334	(0.535)	13066577	500.000	450
	49 1,2-Dichloroethane	62	4.535	4.529	(0.956)	4378916	500.000	460
	51 n-Heptane	57	4.328	4.322	(0.913)	1805231	500.000	490
	50 t-Amyl-methyl-ether	73	4.480	4.468	(0.945)	9873485	500.000	500(A)
	61 Isopropyl Acetate	43	4.828	4.822	(1.018)	13947268	1000.00	1000(A)
*	52 Fluorobenzene	96	4.743	4.737	(1.000)	1082946	50.0000	
	54 Trichloroethene	95	4.907	4.901	(1.035)	3396910	500.000	480
	53 n-Butanol	56	5.346	5.340	(1.127)	777845	3000.00	3300(A)
	56 Methyl cyclohexane	83	4.901	4.883	(1.033)	5616944	500.000	500(A)
	55 Ethyl Acrylate	55	5.529	5.523	(1.166)	4762368	500.000	540(A)
	57 1,2-Dichloropropane	63	5.450	5.444	(1.149)	3108818	500.000	480
	58 Dibromomethane	93	5.340	5.334	(1.126)	2282499	500.000	470
	59 Methyl Methacrylate	100	5.755	5.755	(1.213)	1101660	500.000	530(A)
	75 Propyl Acetate	43	5.931	5.925	(1.251)	10455323	1000.00	1000(A)
	68 Bromodichloromethane	83	5.541	5.529	(1.168)	4714680	500.000	500
	62 2-Chloroethyl Vinyl Ether	63	6.230	6.224	(1.314)	2244299	500.000	560(A)
	63 Epichlorohydrin	57	6.584	6.572	(0.811)	8934969	10000.0	10000
	67 cis-1,3-Dichloropropene	75	6.267	6.255	(0.772)	5326101	500.000	490
	70 4-Methyl-2-Pentanone	43	7.035	7.029	(0.867)	4135813	500.000	520(A)
$	65 Toluene-d8 (SUR)	98	6.480	6.474	(0.799)	994923	50.0000	49
	66 Toluene	91	6.541	6.535	(0.806)	14350386	500.000	460
	64 trans-1,3-Dichloropropene	75	7.053	7.047	(0.869)	5095174	500.000	500
	69 1,1,2-Trichloroethane	83	7.218	7.218	(0.890)	2564138	500.000	470

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19218.d
Report Date: 25-May-2010 11:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
71	Tetrachloroethene	166	6.980	6.974	(0.860)	4035563	500.000	480
72	1,3-Dichloropropane	76	7.492	7.486	(0.923)	5151630	500.000	480
73	2-Hexanone	43	7.901	7.895	(0.974)	2981996	500.000	520(A)
74	Dibromochloromethane	129	7.388	7.382	(0.911)	3975748	500.000	500
76	Butyl Acetate	73	7.840	7.840	(0.966)	2114184	1000.00	1100(A)
77	1,2-Dibromoethane	107	7.602	7.596	(0.937)	3403647	500.000	480
* 78	Chlorobenzene-d5	117	8.114	8.108	(1.000)	923958	50.0000	
79	Chlorobenzene	112	8.126	8.120	(1.002)	9870045	500.000	490
80	1,1,1,2-Tetrachloroethane	131	8.205	8.199	(1.011)	3987798	500.000	480
81	Ethylbenzene	106	8.181	8.175	(1.008)	5015111	500.000	500
82	m+p-Xylene	106	8.315	8.315	(1.025)	12371330	1000.00	1000
84	o-Xylene	106	8.687	8.687	(1.071)	6346523	500.000	510(A)
85	Styrene	104	8.736	8.736	(1.077)	10674972	500.000	540(A)
83	Butyl Acrylate	73	8.894	8.888	(1.096)	2880711	500.000	500
86	Bromoform	173	8.736	8.736	(1.077)	3284966	500.000	510(A)
87	Amyl Acetate	43	9.114	9.108	(0.907)	6746806	500.000	500
88	Isopropylbenzene	105	8.961	8.961	(1.104)	14099357	500.000	380(A)
$ 89	Bromofluorobenzene (SUR)	174	9.181	9.175	(0.913)	430030	50.0000	51
90	Camphene (total)	93	9.041	9.035	(1.114)	6156685	500.000	500
91	Bromobenzene	156	9.248	9.248	(0.920)	4585888	500.000	490
92	1,1,2,2-Tetrachloroethane	83	9.376	9.370	(0.933)	4653026	500.000	490
93	1,2,3-Trichloropropane	110	9.461	9.461	(0.941)	1456876	500.000	470
94	trans-1,4-Dichloro-2-butene	53	9.510	9.504	(0.946)	1259086	500.000	480
95	n-Propylbenzene	91	9.297	9.297	(0.925)	13883848	500.000	380(A)
96	2-Chlorotoluene	91	9.406	9.406	(0.936)	11136451	500.000	500
97	1,3,5-Trimethylbenzene	105	9.467	9.467	(0.942)	12498505	500.000	500
98	4-Chlorotoluene	91	9.540	9.541	(0.949)	11192230	500.000	500(A)
99	Butyl Methacrylate	87	9.729	9.723	(0.968)	5217512	500.000	500
100	tert-Butylbenzene	119	9.705	9.705	(0.965)	11992979	500.000	490
101	1,2,4-Trimethylbenzene	105	9.766	9.766	(0.971)	12359242	500.000	500
102	2-Octanone	43	10.175	10.169	(1.012)	7561972	500.000	500
103	sec-Butylbenzene	105	9.845	9.845	(0.979)	14355023	500.000	340(AMH)
105	1,3-Dichlorobenzene	146	9.998	9.992	(0.995)	8588144	500.000	480
107	p-Isopropyltoluene	119	9.961	9.961	(0.991)	12556395	500.000	350(A)
* 108	1,4-Dichlorobenzene-d4	152	10.053	10.053	(1.000)	504160	50.0000	
109	1,4-Dichlorobenzene	146	10.065	10.059	(1.001)	8697925	500.000	480
110	Benzyl Chloride	91	10.260	10.272	(1.021)	19734640	500.000	450(M)
106	n-Butylbenzene	91	10.260	10.272	(1.021)	19697790	500.000	450
111	1,2-Dichlorobenzene	146	10.376	10.376	(1.032)	8716345	500.000	490
112	1,2-Dibromo-3-chloropropane	75	10.961	10.961	(1.090)	1008105	500.000	500
113	Camphor	95	11.650	11.650	(1.159)	4474742	2500.00	2500(A)
114	1,2,4-Trichlorobenzene	180	11.449	11.449	(1.139)	7121597	500.000	490
115	Hexachlorobutadiene	225	11.430	11.430	(1.137)	3153313	500.000	490
116	Naphthalene	128	11.674	11.674	(1.161)	12280168	500.000	390
117	1,2,3-Trichlorobenzene	180	11.808	11.802	(1.175)	6549800	500.000	470
M 120	1,2-Dichloroethene (Total)	100				6919802	1000.00	920
M 121	Xylene (Total)	100				18717853	1500.00	1500

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19218.d
Report Date: 25-May-2010 11:01

QC Flag Legend

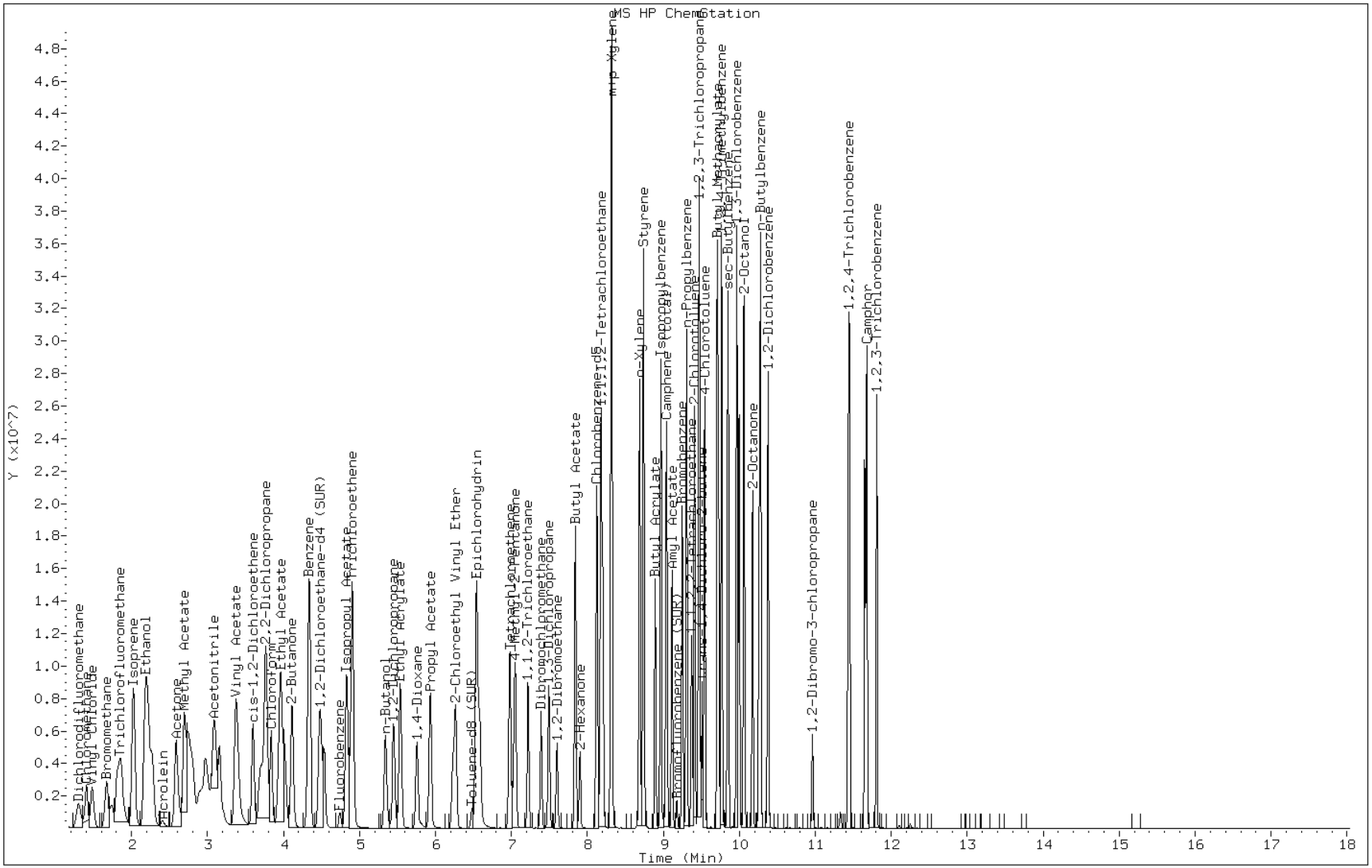
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: d19218.d

Date: 22-MAY-2010 00:34

Client ID: Instrument: VOAMS4.i

Sample Info: IC-VM8CAL6 Operator:



Manual Integration Report

Data File: d19218.d
Inj. Date and Time: 22-MAY-2010 00:34
Instrument ID: VOAMS4.i
Client ID:
Compound: 110 Benzyl Chloride
CAS #: 100-44-7
Report Date: 05/25/2010

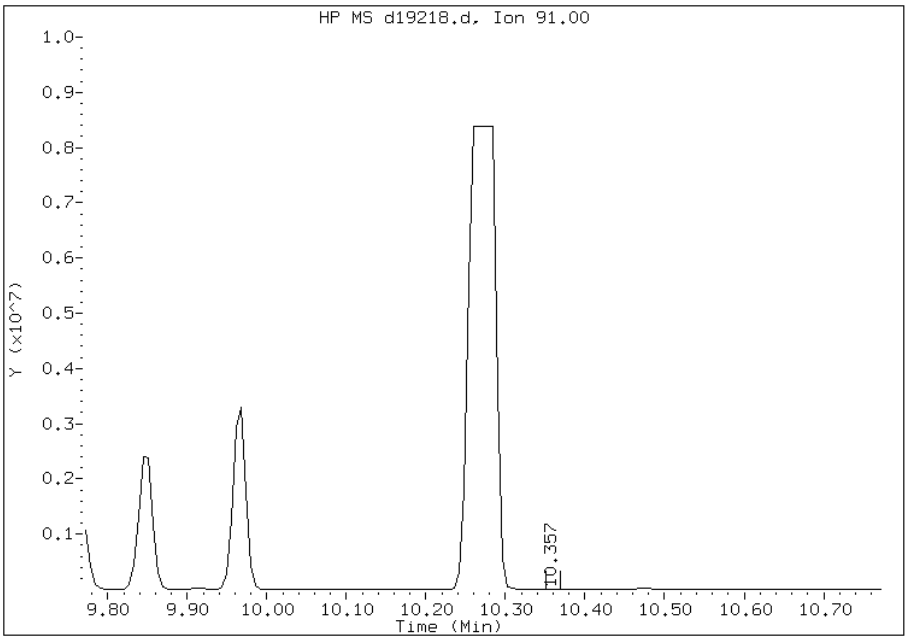
Processing Integration Results

RT: 10.36

Response: 2414

Amount: 0

Conc: 0



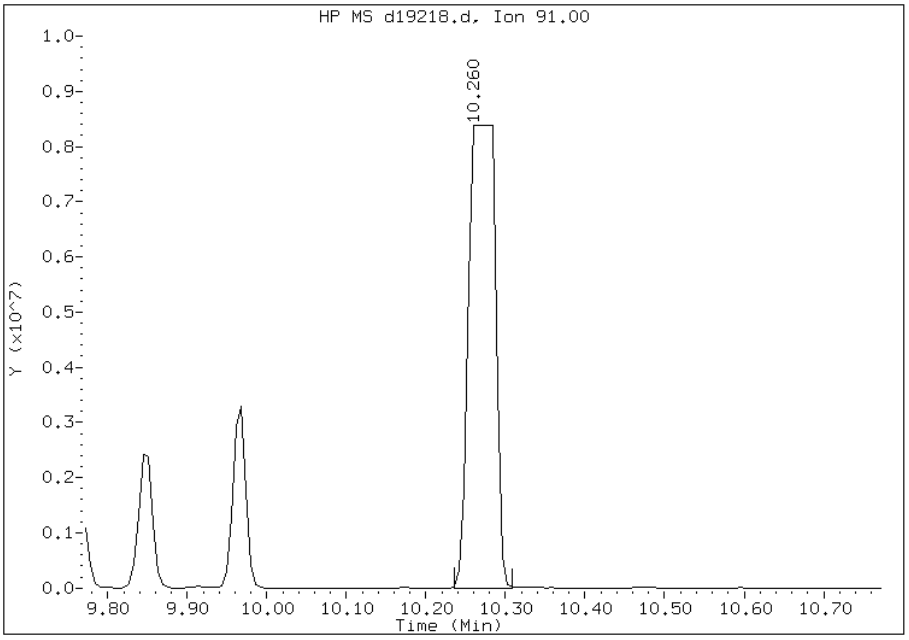
Manual Integration Results

RT: 10.26

Response: 19734640

Amount: 449

Conc: 449



Manually Integrated By: vibha
Manual Integration Reason:

Manual Integration Report

Data File: d19218.d
Inj. Date and Time: 22-MAY-2010 00:34
Instrument ID: VOAMS4.i
Client ID:
Compound: 103 sec-Butylbenzene
CAS #: 135-98-8
Report Date: 05/25/2010

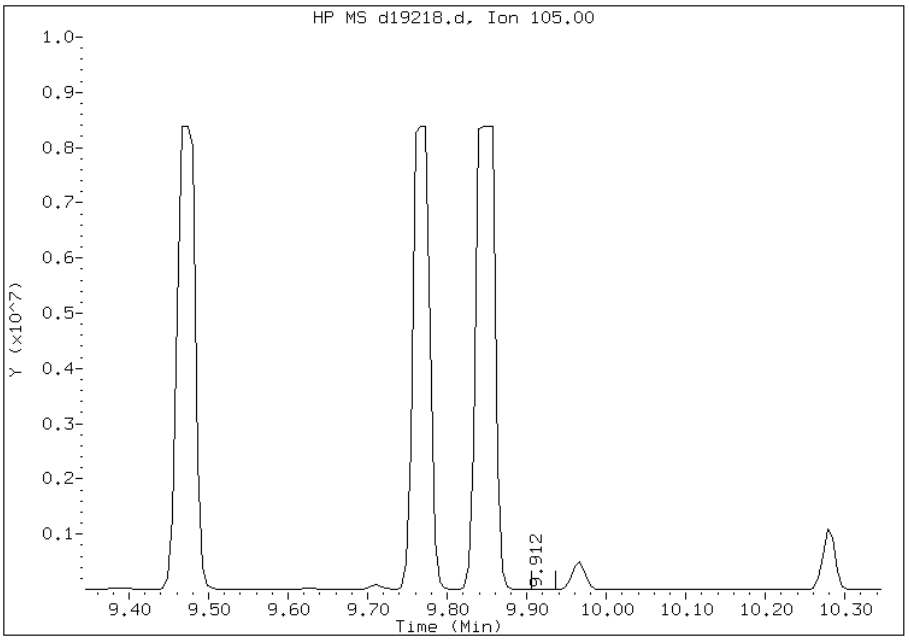
Processing Integration Results

RT: 9.91

Response: 3108

Amount: 0

Conc: 0



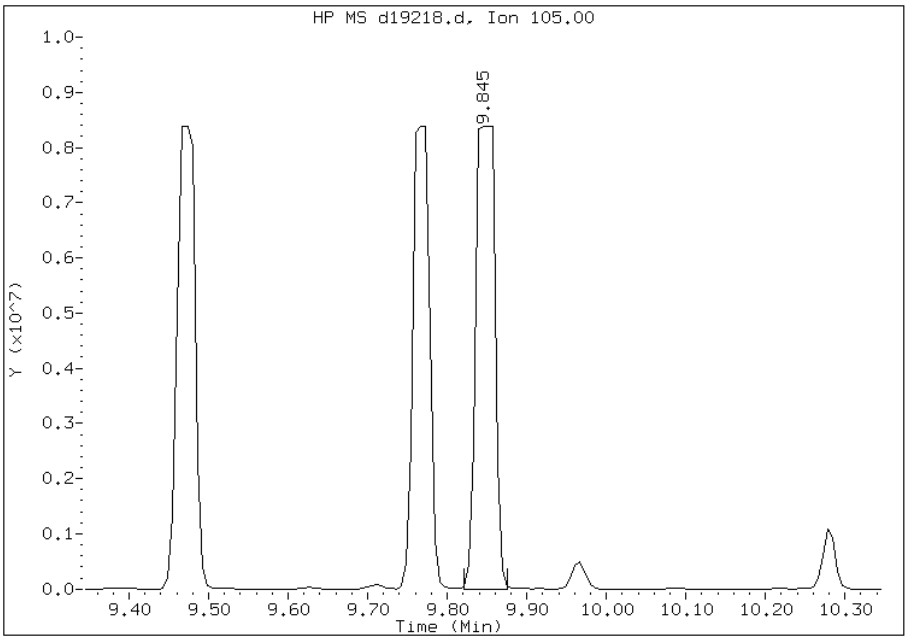
Manual Integration Results

RT: 9.85

Response: 14355023

Amount: 345

Conc: 345



Manually Integrated By: vibha
Manual Integration Reason:

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19224.d
Report Date: 25-May-2010 11:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19224.d
Lab Smp Id: IC-VM8CAL1
Inj Date : 22-MAY-2010 03:00
Operator : Inst ID: VOAMS4.i
Smp Info : IC-VM8CAL1
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:01 vibha Quant Type: ISTD
Cal Date : 21-MAY-2010 23:22 Cal File: d19215.d
Als bottle: 15 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.304	1.286	(0.275)	6218	1.00000	0.84(a)
3 Chloromethane	50	1.371	1.384	(0.290)	7577	1.00000	1.0
4 Vinyl Chloride	62	1.463	1.457	(0.309)	7445	1.00000	0.94(a)
6 Bromomethane	94	1.652	1.646	(0.349)	5908	1.00000	1.0
5 Chloroethane	64	1.713	1.713	(0.362)	4668	1.00000	1.1
7 Trichlorofluoromethane	101	1.865	1.853	(0.394)	9461	1.00000	0.85(a)
8 n-Pentane	72	1.798	1.804	(0.380)	1162	1.00000	1.1(a)
10 Isoprene	67	2.011	2.005	(0.425)	7204	1.00000	0.86(a)
11 Ethyl Ether	59	2.017	2.024	(0.426)	4640	1.00000	0.96(a)
13 Acrolein	56	2.395	2.402	(0.506)	6260	4.00000	4.2
15 1,1-Dichloroethene	96	2.170	2.158	(0.458)	4936	1.00000	0.85(a)
14 Freon TF	101	2.206	2.219	(0.466)	5908	1.00000	0.90(a)
16 Acetone	58	2.621	2.621	(0.553)	12979	10.0000	14
17 Iodomethane	142	2.261	2.262	(0.477)	13115	1.00000	0.97(a)
18 Carbon Disulfide	76	2.176	2.176	(0.459)	19682	1.00000	0.92(a)
19 Isopropanol	45	2.560	2.554	(0.540)	527052	1000.00	1000

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19224.d
Report Date: 25-May-2010 11:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	2.993	2.969	(0.632)	4951	20.0000	24
	27 Methyl Acetate	74	2.719	2.707	(0.574)	1578	1.00000	0.96(a)
	22 Methylene Chloride	84	2.578	2.572	(0.544)	7072	1.00000	1.00
	24 TBA	59	2.895	2.902	(0.611)	17560	20.0000	22
	25 trans-1,2-Dichloroethene	96	2.688	2.682	(0.568)	5730	1.00000	0.91(a)
	26 Acrylonitrile	53	3.200	3.206	(0.676)	4832	2.00000	1.8(a)
	28 MTBE	73	2.779	2.780	(0.587)	18734	1.00000	1.0
	29 Hexane	56	2.731	2.737	(0.577)	3486	1.00000	0.86(a)
	30 1,1-Dichloroethane	63	3.151	3.152	(0.665)	9536	1.00000	0.93(a)
	31 Vinyl Acetate	43	3.371	3.371	(0.712)	8349	1.00000	0.81(a)
	32 DIPE	45	3.078	3.078	(0.650)	21181	1.00000	1.1
	35 t-Butyl-ethyl-ether	59	3.359	3.365	(0.709)	14018	1.00000	0.76(a)
	37 2,2-Dichloropropane	77	3.694	3.682	(0.780)	7407	1.00000	0.83(a)
	36 cis-1,2-Dichloroethene	96	3.590	3.591	(0.758)	6159	1.00000	0.91(a)
	38 2-Butanone	72	4.115	4.109	(0.869)	8938	10.0000	8.1(a)
	39 Ethyl Acetate	70	3.962	3.950	(0.837)	1195	2.00000	1.6(a)
	40 Bromochloromethane	128	3.761	3.755	(0.794)	3628	1.00000	0.97(a)
	41 Tetrahydrofuran	42	3.956	3.956	(0.835)	4603	1.00000	1.7
	42 Chloroform	83	3.840	3.834	(0.811)	9866	1.00000	0.89(a)
	43 1,1,1-Trichloroethane	97	4.011	3.999	(0.847)	7764	1.00000	0.78(a)
	44 Cyclohexane	56	3.749	3.749	(0.791)	8121	1.00000	0.82(a)
	45 Carbon Tetrachloride	117	3.944	3.938	(0.833)	7857	1.00000	0.78(a)
	46 1,1-Dichloropropene	75	4.096	4.103	(0.865)	6057	1.00000	0.81(a)
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.468	4.468	(0.943)	43002	50.0000	52
	48 Benzene	78	4.328	4.334	(0.534)	21062	1.00000	0.94(a)
	49 1,2-Dichloroethane	62	4.535	4.529	(0.958)	7459	1.00000	0.89(a)
	51 n-Heptane	57	4.322	4.322	(0.912)	2612	1.00000	0.81(a)
	50 t-Amyl-methyl-ether	73	4.468	4.468	(0.943)	14960	1.00000	0.88(a)
	61 Isopropyl Acetate	43	4.828	4.822	(1.019)	18887	2.00000	1.6(a)
*	52 Fluorobenzene	96	4.736	4.737	(1.000)	941865	50.0000	
	54 Trichloroethene	95	4.901	4.901	(1.035)	5363	1.00000	0.88(a)
	53 n-Butanol	56	5.340	5.340	(1.127)	87255	500.000	420(a)
	56 Methyl cyclohexane	83	4.883	4.883	(1.031)	7761	1.00000	0.80(a)
	55 Ethyl Acrylate	55	5.529	5.523	(1.167)	6496	1.00000	0.84(a)
	57 1,2-Dichloropropane	63	5.444	5.444	(1.149)	5155	1.00000	0.92(Ta)
	58 Dibromomethane	93	5.328	5.334	(1.125)	4079	1.00000	0.96(a)
	59 Methyl Methacrylate	100	5.742	5.755	(1.212)	1488	1.00000	0.82(a)
	75 Propyl Acetate	43	5.925	5.925	(1.251)	17007	2.00000	1.9(a)
	68 Bromodichloromethane	83	5.529	5.529	(1.167)	6796	1.00000	0.83(a)
	62 2-Chloroethyl Vinyl Ether	63	6.224	6.224	(1.314)	2593	1.00000	0.75(a)
	63 Epichlorohydrin	57	6.578	6.572	(0.811)	12672	20.0000	18
	67 cis-1,3-Dichloropropene	75	6.254	6.255	(0.771)	7505	1.00000	0.89(a)
	70 4-Methyl-2-Pentanone	43	7.029	7.029	(0.867)	54862	10.0000	8.9(a)
$	65 Toluene-d8 (SUR)	98	6.474	6.474	(0.798)	786834	50.0000	50
	66 Toluene	91	6.529	6.535	(0.805)	24197	1.00000	1.0
	64 trans-1,3-Dichloropropene	75	7.047	7.047	(0.869)	6925	1.00000	0.88(a)
	69 1,1,2-Trichloroethane	83	7.218	7.218	(0.890)	3899	1.00000	0.92(a)

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19224.d
Report Date: 25-May-2010 11:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	6.974	6.974	(0.860)	5003	1.00000	0.78(a)
	72 1,3-Dichloropropane	76	7.486	7.486	(0.923)	7263	1.00000	0.88(a)
	73 2-Hexanone	43	7.900	7.895	(0.974)	35671	10.0000	8.1(a)
	74 Dibromochloromethane	129	7.388	7.382	(0.911)	5632	1.00000	0.91(a)
	76 Butyl Acetate	73	7.839	7.840	(0.967)	2363	2.00000	1.5(a)
	77 1,2-Dibromoethane	107	7.602	7.596	(0.938)	4869	1.00000	0.89(a)
*	78 Chlorobenzene-d5	117	8.108	8.108	(1.000)	711745	50.0000	
	79 Chlorobenzene	112	8.120	8.120	(1.002)	14369	1.00000	0.92(a)
	80 1,1,1,2-Tetrachloroethane	131	8.199	8.199	(1.011)	5511	1.00000	0.85(a)
	81 Ethylbenzene	106	8.175	8.175	(1.008)	6471	1.00000	0.83(a)
	82 m+p-Xylene	106	8.315	8.315	(1.026)	15055	2.00000	1.6
	84 o-Xylene	106	8.681	8.687	(1.071)	7216	1.00000	0.75(a)
	85 Styrene	104	8.730	8.736	(1.077)	11217	1.00000	0.74(a)
	83 Butyl Acrylate	73	8.888	8.888	(1.096)	2853	1.00000	0.64(a)
	86 Bromoform	173	8.730	8.736	(1.077)	3999	1.00000	0.81(a)
	87 Amyl Acetate	43	9.108	9.108	(0.906)	7334	1.00000	0.66(a)
	88 Isopropylbenzene	105	8.961	8.961	(1.105)	16608	1.00000	0.59(a)
$	89 Bromofluorobenzene (SUR)	174	9.175	9.175	(0.913)	338154	50.0000	49
	90 Camphene (total)	93	9.034	9.035	(1.114)	5675	1.00000	0.59(a)
	91 Bromobenzene	156	9.248	9.248	(0.920)	7260	1.00000	0.94(a)
	92 1,1,2,2-Tetrachloroethane	83	9.370	9.370	(0.932)	7186	1.00000	0.92(a)
	93 1,2,3-Trichloropropane	110	9.461	9.461	(0.941)	2413	1.00000	0.94(a)
	94 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(0.945)	1916	1.00000	0.90(a)
	95 n-Propylbenzene	91	9.297	9.297	(0.925)	23289	1.00000	0.77(a)
	96 2-Chlorotoluene	91	9.406	9.406	(0.936)	15072	1.00000	0.82(a)
	97 1,3,5-Trimethylbenzene	105	9.467	9.467	(0.942)	16597	1.00000	0.47(a)
	98 4-Chlorotoluene	91	9.540	9.541	(0.949)	15426	1.00000	0.84(a)
	99 Butyl Methacrylate	87	9.723	9.723	(0.967)	4729	1.00000	0.55(a)
	100 tert-Butylbenzene	119	9.705	9.705	(0.965)	12340	1.00000	0.61(a)
	101 1,2,4-Trimethylbenzene	105	9.766	9.766	(0.971)	17153	1.00000	0.47(a)
	102 2-Octanone	43	10.168	10.169	(1.012)	7797	1.00000	0.62(a)
	103 sec-Butylbenzene	105	9.845	9.845	(0.979)	18014	1.00000	0.53(a)
	105 1,3-Dichlorobenzene	146	9.992	9.992	(0.994)	13820	1.00000	0.95(a)
	107 p-Isopropyltoluene	119	9.961	9.961	(0.991)	16030	1.00000	0.54(a)
*	108 1,4-Dichlorobenzene-d4	152	10.052	10.053	(1.000)	414113	50.0000	
	109 1,4-Dichlorobenzene	146	10.059	10.059	(1.001)	14711	1.00000	0.98(a)
	110 Benzyl Chloride	91	10.272	10.272	(1.022)	29236	1.00000	0.81(a)
	106 n-Butylbenzene	91	10.272	10.272	(1.022)	29342	1.00000	0.81(a)
	111 1,2-Dichlorobenzene	146	10.376	10.376	(1.032)	13402	1.00000	0.91(a)
	112 1,2-Dibromo-3-chloropropane	75	10.961	10.961	(1.090)	1476	1.00000	0.88(a)
	114 1,2,4-Trichlorobenzene	180	11.449	11.449	(1.139)	11972	1.00000	1.00
	115 Hexachlorobutadiene	225	11.430	11.430	(1.137)	5286	1.00000	0.99(a)
	116 Naphthalene	128	11.674	11.674	(1.161)	22816	1.00000	0.88(a)
	117 1,2,3-Trichlorobenzene	180	11.802	11.802	(1.174)	11458	1.00000	1.0
M	120 1,2-Dichloroethene (Total)	100				11889	2.00000	1.8
M	121 Xylene (Total)	100				22271	3.00000	2.3(a)

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19224.d
Report Date: 25-May-2010 11:01

QC Flag Legend

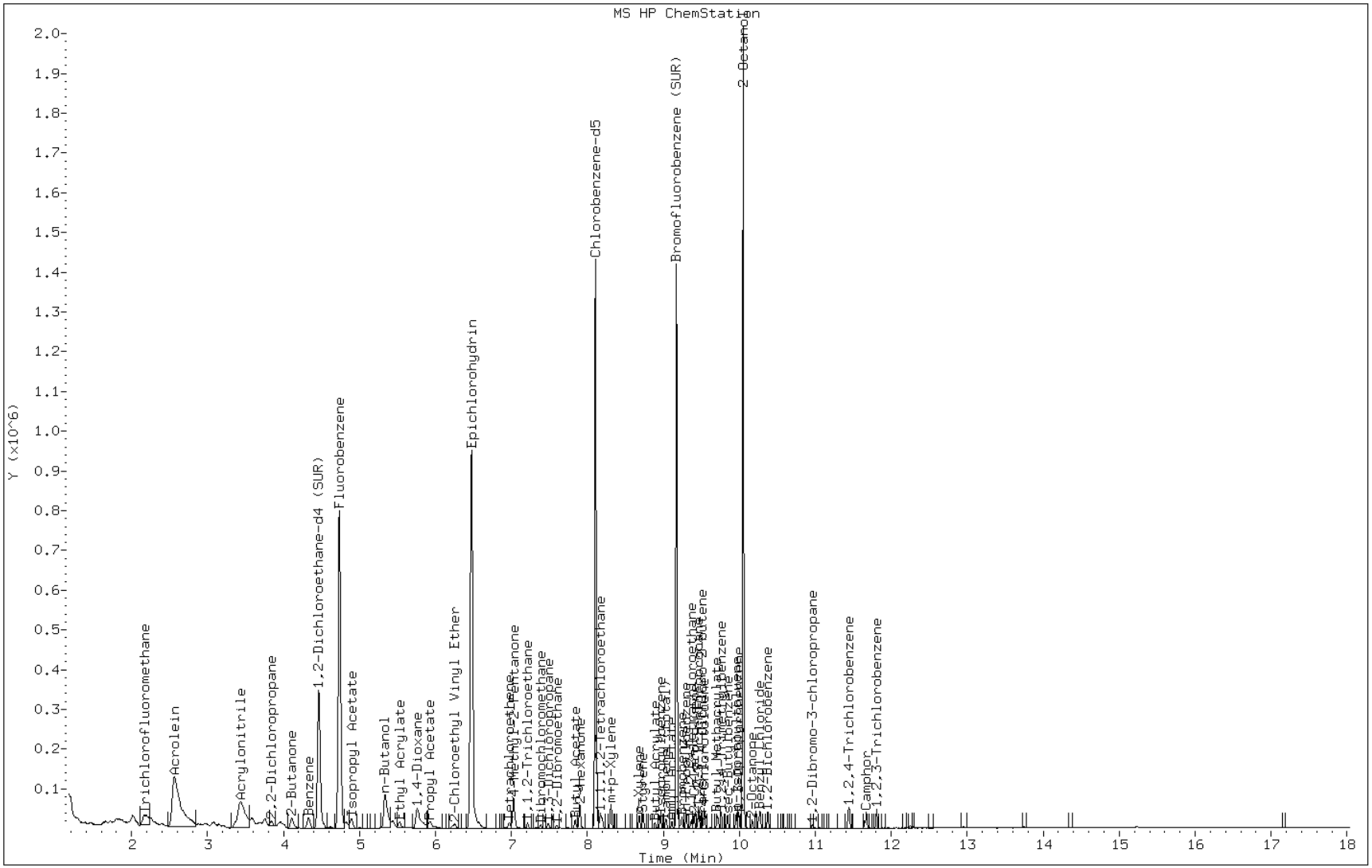
T - Target compound detected outside RT window.
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: d19224.d

Date: 22-MAY-2010 03:00

Client ID: Instrument: VOAMS4.i

Sample Info: IC-VM8CAL1 Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab Sample ID: CCVIS 460-38207/2 Calibration Date: 05/24/2010 19:15

Instrument ID: VOAMS4 Calib Start Date: 05/21/2010 22:32

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/22/2010 03:00

Lab File ID: d19260.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3931	0.3704	0.1000	18.8	20.0	-5.8	25.0
Chloromethane	Ave	0.3841	0.3300	0.1000	17.2	20.0	-14.1	25.0
Vinyl chloride	Ave	0.4194	0.3788	0.1000	18.1	20.0	-9.7	25.0
Bromomethane	Ave	0.3102	0.2940	0.1000	19.0	20.0	-5.2	25.0
Chloroethane	Ave	0.2315	0.2204	0.1000	19.0	20.0	-4.8	25.0
Pentane	Ave	0.0582	0.0544*	0.1000	18.7	20.0	-6.4	25.0
Trichlorofluoromethane	Ave	0.5935	0.6079	0.1000	20.5	20.0	2.4	25.0
2-Methyl-1,3-butadiene	Ave	0.4419	0.4056	0.1000	18.4	20.0	-8.2	25.0
Ethyl ether	Ave	0.2553	0.2481	0.1000	19.4	20.0	-2.8	25.0
1,1-Dichloroethene	Ave	0.3084	0.2841	0.1000	18.4	20.0	-7.9	25.0
Carbon disulfide	Ave	1.132	1.029	0.1000	18.2	20.0	-9.1	25.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.3463	0.3373	0.1000	19.5	20.0	-2.6	25.0
Iodomethane	Ave	0.7187	0.7096	0.1000	19.7	20.0	-1.3	25.0
Acrolein	Ave	0.0784	0.0698*	0.1000	35.6	40.0	-11.0	25.0
Isopropyl alcohol	Ave	0.0267	0.0281*	0.1000	3160	3000	5.3	25.0
Methylene Chloride	Ave	0.3763	0.3537	0.1000	18.8	20.0	-6.0	25.0
Acetone	QuaF	0.0498	0.0443*	0.1000	18.5	20.0	-7.5	25.0
trans-1,2-Dichloroethene	Ave	0.3332	0.3091	0.1000	18.6	20.0	-7.2	25.0
Methyl acetate	Ave	0.0873	0.0916*	0.1000	21.0	20.0	5.0	25.0
Hexane	Ave	0.2152	0.2091	0.1000	19.4	20.0	-2.9	25.0
Methyl tert-butyl ether	Ave	0.9941	0.9814	0.1000	19.7	20.0	-1.3	25.0
2-Methyl-2-propanol	Ave	0.0428	0.0405*	0.1000	378	400	-5.5	25.0
Acetonitrile	Ave	0.0111	0.0085*	0.1000	305	400	-23.6	25.0
Isopropyl ether	Ave	1.014	0.9319	0.1000	18.4	20.0	-8.1	25.0
1,1-Dichloroethane	Ave	0.5445	0.5019	0.1000	18.4	20.0	-7.8	25.0
Acrylonitrile	Ave	0.1441	0.1395	0.1000	19.4	20.0	-3.2	25.0
Tert-butyl ethyl ether	LinF	1.048	1.090	0.1000	22.4	20.0	12.2	25.0
Vinyl acetate	Ave	0.5468	0.5163	0.1000	18.9	20.0	-5.6	25.0
cis-1,2-Dichloroethene	Ave	0.3606	0.3447	0.1000	19.1	20.0	-4.4	25.0
2,2-Dichloropropane	Ave	0.4735	0.4717	0.1000	19.9	20.0	-0.4	25.0
Chlorobromomethane	Ave	0.1987	0.1930	0.1000	19.4	20.0	-2.9	25.0
Cyclohexane	Ave	0.5240	0.4810	0.1000	18.4	20.0	-8.2	25.0
Chloroform	Ave	0.5865	0.5572	0.1000	19.0	20.0	-5.0	25.0
Carbon tetrachloride	Ave	0.5324	0.5254	0.1000	19.7	20.0	-1.3	25.0
Ethyl acetate	Ave	0.0387	0.0387*	0.1000	40.0	40.0	0.0	25.0
Tetrahydrofuran	LinF	0.1702	0.1476	0.1000	20.1	20.0	0.5	25.0
1,1,1-Trichloroethane	Ave	0.5310	0.5095	0.1000	19.2	20.0	-4.1	25.0
1,1-Dichloropropene	Ave	0.3955	0.3576	0.1000	18.1	20.0	-9.6	25.0
2-Butanone (MEK)	Ave	0.0588	0.0586*	0.1000	19.9	20.0	-0.3	25.0
n-Heptane	Ave	0.1707	0.1636	0.1000	19.2	20.0	-4.2	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab Sample ID: CCVIS 460-38207/2 Calibration Date: 05/24/2010 19:15

Instrument ID: VOAMS4 Calib Start Date: 05/21/2010 22:32

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/22/2010 03:00

Lab File ID: d19260.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	1.564	1.410	0.1000	18.0	20.0	-9.8	25.0
Tert-amyl methyl ether	Ave	0.9073	0.8748	0.1000	19.3	20.0	-3.6	25.0
1,2-Dichloroethane	Ave	0.4429	0.4266	0.1000	19.3	20.0	-3.7	25.0
Isopropyl acetate	Ave	0.6147	0.5860	0.1000	38.1	40.0	-4.7	25.0
Methylcyclohexane	Ave	0.5154	0.4788	0.1000	18.6	20.0	-7.1	25.0
Trichloroethene	Ave	0.3246	0.3000	0.1000	18.5	20.0	-7.6	25.0
Dibromomethane	Ave	0.2247	0.2101	0.1000	18.7	20.0	-6.5	25.0
n-Butanol	Ave	0.0109	0.0105*	0.1000	1440	1500	-3.7	25.0
1,2-Dichloropropane	Ave	0.2974	0.2718	0.1000	18.3	20.0	-8.6	25.0
Ethyl acrylate	Ave	0.4104	0.3814	0.1000	18.6	20.0	-7.1	25.0
Dichlorobromomethane	Ave	0.4365	0.4138	0.1000	19.0	20.0	-5.2	25.0
Methyl methacrylate	Ave	0.0959	0.0951*	0.1000	19.8	20.0	-0.8	25.0
n-Propyl acetate	Ave	0.4669	0.4309	0.1000	36.9	40.0	-7.7	25.0
2-Chloroethyl vinyl ether	Ave	0.1833	0.1717	0.1000	18.7	20.0	-6.3	25.0
cis-1,3-Dichloropropene	Ave	0.5896	0.5307	0.1000	18.0	20.0	-10.0	25.0
Toluene	Ave	1.677	1.473	0.1000	17.6	20.0	-12.2	25.0
Epichlorohydrin	Ave	0.0484	0.0454*	0.1000	375	400	-6.2	25.0
Tetrachloroethene	Ave	0.4502	0.4160	0.1000	18.5	20.0	-7.6	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4342	0.3876	0.1000	17.9	20.0	-10.7	25.0
trans-1,3-Dichloropropene	Ave	0.5529	0.5022	0.1000	18.2	20.0	-9.2	25.0
1,1,2-Trichloroethane	Ave	0.2963	0.2764	0.1000	18.7	20.0	-6.7	25.0
Chlorodibromomethane	Ave	0.4345	0.3999	0.1000	18.4	20.0	-8.0	25.0
1,3-Dichloropropane	Ave	0.5762	0.5294	0.1000	18.4	20.0	-8.1	25.0
1,2-Dibromoethane	Ave	0.3850	0.3635	0.1000	18.9	20.0	-5.6	25.0
n-Butyl acetate	Ave	0.1074	0.1046	0.1000	39.0	40.0	-2.6	25.0
2-Hexanone	Ave	0.3084	0.2902	0.1000	18.8	20.0	-5.9	25.0
Chlorobenzene	Ave	1.092	1.010	0.1000	18.5	20.0	-7.5	25.0
Ethylbenzene	Ave	0.5450	0.5043	0.1000	18.5	20.0	-7.5	25.0
1,1,1,2-Tetrachloroethane	Ave	0.4533	0.4353	0.1000	19.2	20.0	-4.0	25.0
m-Xylene & p-Xylene	Ave	0.6720	0.6319	0.1000	37.6	40.0	-6.0	25.0
o-Xylene	Ave	0.6715	0.6267	0.1000	18.7	20.0	-6.7	25.0
Bromoform	Ave	0.3468	0.3393	0.1000	19.6	20.0	-2.2	25.0
Styrene	Ave	1.069	1.016	0.1000	19.0	20.0	-5.0	25.0
n-Butyl acrylate	LinF	0.2839	0.2899	0.1000	18.4	20.0	-7.9	25.0
Isopropylbenzene	LinF	1.744	1.650	0.1000	16.6	20.0	-17.1	25.0
Camphene	LinF	0.6147	0.5635	0.1000	16.8	20.0	-16.1	25.0
Amyl acetate (mixed isomers)	LinF	1.208	1.119	0.1000	16.6	20.0	-16.8	25.0
Bromobenzene	Ave	0.9309	0.8450	0.1000	18.2	20.0	-9.2	25.0
N-Propylbenzene	Ave	3.644	3.256	0.1000	17.9	20.0	-10.7	25.0
1,1,2,2-Tetrachloroethane	Ave	0.9470	0.8662	0.1000	18.3	20.0	-8.5	25.0
2-Chlorotoluene	Ave	2.223	1.972	0.1000	17.7	20.0	-11.3	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab Sample ID: CCVIS 460-38207/2 Calibration Date: 05/24/2010 19:15

Instrument ID: VOAMS4 Calib Start Date: 05/21/2010 22:32

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/22/2010 03:00

Lab File ID: d19260.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichloropropane	Ave	0.3098	0.2871	0.1000	18.5	20.0	-7.3	25.0
trans-1,4-Dichloro-2-butene	Ave	0.2570	0.2396	0.1000	18.6	20.0	-6.8	25.0
4-Chlorotoluene	Ave	2.216	2.030	0.1000	18.3	20.0	-8.4	25.0
tert-Butylbenzene	LinF	2.268	1.954	0.1000	16.0	20.0	-19.8	25.0
Butyl Methacrylate	LinF	0.8929	0.8598	0.1000	16.6	20.0	-17.1	25.0
1,3-Dichlorobenzene	Ave	1.754	1.600	0.1000	18.2	20.0	-8.8	25.0
1,4-Dichlorobenzene	Ave	1.809	1.629	0.1000	18.0	20.0	-10.0	25.0
2-Octanone	LinF	1.311	1.183	0.1000	15.7	20.0	-21.4	25.0
Benzyl chloride	Ave	4.359	4.266	0.1000	19.6	20.0	-2.1	25.0
n-Butylbenzene	Ave	4.360	4.263	0.1000	19.6	20.0	-2.2	25.0
1,2-Dichlorobenzene	Ave	1.776	1.631	0.1000	18.4	20.0	-8.2	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.2016	0.1807	0.1000	17.9	20.0	-10.4	25.0
Hexachlorobutadiene	Ave	0.6418	0.5604	0.1000	17.5	20.0	-12.7	25.0
1,2,4-Trichlorobenzene	Ave	1.453	1.294	0.1000	17.8	20.0	-10.9	25.0
Naphthalene	Ave	3.142	3.216	0.1000	20.5	20.0	2.4	25.0
1,2,3-Trichlorobenzene	Ave	1.369	1.279	0.1000	18.7	20.0	-6.6	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0437	0.0440*	0.1000	50.3	50.0	0.7	25.0
Toluene-d8 (Surr)	Ave	1.100	1.072	0.1000	48.7	50.0	-2.5	25.0
4-Bromofluorobenzene	Ave	0.8362	0.8150	0.1000	48.7	50.0	-2.5	25.0

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19260.d
Report Date: 25-May-2010 11:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19260.d
Lab Smp Id: CCVIS
Inj Date : 24-MAY-2010 19:15
Operator : Inst ID: VOAMS4.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:09 vibha Quant Type: ISTD
Cal Date : 24-MAY-2010 19:15 Cal File: d19260.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.298	1.298	(0.274)	124961	20.0000	19
3 Chloromethane	50	1.371	1.371	(0.290)	111306	20.0000	17
4 Vinyl Chloride	62	1.457	1.457	(0.308)	127800	20.0000	18
6 Bromomethane	94	1.646	1.646	(0.348)	99178	20.0000	19
5 Chloroethane	64	1.719	1.719	(0.363)	74347	20.0000	19
7 Trichlorofluoromethane	101	1.841	1.841	(0.389)	205066	20.0000	20
8 n-Pentane	72	1.798	1.798	(0.380)	18357	20.0000	19
10 Isoprene	67	2.005	2.005	(0.424)	136827	20.0000	18
11 Ethyl Ether	59	2.017	2.017	(0.426)	83703	20.0000	19
13 Acrolein	56	2.389	2.389	(0.505)	47104	40.0000	36
15 1,1-Dichloroethene	96	2.158	2.158	(0.456)	95843	20.0000	18
14 Freon TF	101	2.212	2.212	(0.468)	113780	20.0000	19
16 Acetone	58	2.621	2.621	(0.554)	14955	20.0000	18
17 Iodomethane	142	2.255	2.255	(0.477)	239371	20.0000	20
18 Carbon Disulfide	76	2.176	2.176	(0.460)	347001	20.0000	18
19 Isopropanol	45	2.548	2.548	(0.539)	1420956	3000.00	3200

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19260.d
Report Date: 25-May-2010 11:09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	2.968	2.968	(0.628)	57182	400.000	300
	27 Methyl Acetate	74	2.700	2.700	(0.571)	30908	20.0000	21
	22 Methylene Chloride	84	2.566	2.566	(0.542)	119328	20.0000	19
	24 TBA	59	2.895	2.895	(0.612)	273057	400.000	380
	25 trans-1,2-Dichloroethene	96	2.682	2.682	(0.567)	104258	20.0000	18
	26 Acrylonitrile	53	3.200	3.200	(0.676)	47064	20.0000	19
	28 MTBE	73	2.779	2.779	(0.588)	331080	20.0000	20
	29 Hexane	56	2.737	2.737	(0.579)	70526	20.0000	19
	30 1,1-Dichloroethane	63	3.145	3.145	(0.665)	169319	20.0000	18
	31 Vinyl Acetate	43	3.365	3.365	(0.711)	174184	20.0000	19
	32 DIPE	45	3.072	3.072	(0.649)	314376	20.0000	18
	35 t-Butyl-ethyl-ether	59	3.359	3.359	(0.710)	367733	20.0000	22
	37 2,2-Dichloropropane	77	3.682	3.682	(0.778)	159129	20.0000	20
	36 cis-1,2-Dichloroethene	96	3.584	3.584	(0.758)	116288	20.0000	19
	38 2-Butanone	72	4.108	4.108	(0.869)	19775	20.0000	20
	39 Ethyl Acetate	70	3.950	3.950	(0.835)	26093	40.0000	40
	40 Bromochloromethane	128	3.749	3.749	(0.792)	65089	20.0000	19
	41 Tetrahydrofuran	42	3.956	3.956	(0.836)	49802	20.0000	20
	42 Chloroform	83	3.828	3.828	(0.809)	187980	20.0000	19
	43 1,1,1-Trichloroethane	97	3.993	3.993	(0.844)	171860	20.0000	19
	44 Cyclohexane	56	3.749	3.749	(0.792)	162277	20.0000	18
	45 Carbon Tetrachloride	117	3.938	3.938	(0.832)	177230	20.0000	20
	46 1,1-Dichloropropene	75	4.096	4.096	(0.866)	120631	20.0000	18
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.462	4.462	(0.943)	37090	50.0000	50
	48 Benzene	78	4.328	4.328	(0.534)	386247	20.0000	18
	49 1,2-Dichloroethane	62	4.523	4.523	(0.956)	143919	20.0000	19
	51 n-Heptane	57	4.316	4.316	(0.912)	55188	20.0000	19
	50 t-Amyl-methyl-ether	73	4.462	4.462	(0.943)	295102	20.0000	19
	61 Isopropyl Acetate	43	4.816	4.816	(1.018)	395394	40.0000	38
*	52 Fluorobenzene	96	4.730	4.730	(1.000)	843362	50.0000	
	54 Trichloroethene	95	4.895	4.895	(1.035)	101203	20.0000	18
	53 n-Butanol	56	5.334	5.334	(1.128)	264978	1500.00	1400
	56 Methyl cyclohexane	83	4.883	4.883	(1.032)	161523	20.0000	18
	55 Ethyl Acrylate	55	5.517	5.517	(1.166)	128677	20.0000	18
	57 1,2-Dichloropropane	63	5.437	5.437	(1.149)	91679	20.0000	18
	58 Dibromomethane	93	5.328	5.328	(1.126)	70891	20.0000	19
	59 Methyl Methacrylate	100	5.742	5.742	(1.214)	32093	20.0000	20
	75 Propyl Acetate	43	5.919	5.919	(1.251)	290737	40.0000	37
	68 Bromodichloromethane	83	5.529	5.529	(1.169)	139597	20.0000	19
	62 2-Chloroethyl Vinyl Ether	63	6.218	6.218	(1.314)	57933	20.0000	19
	63 Epichlorohydrin	57	6.565	6.565	(0.810)	248758	400.000	380
	67 cis-1,3-Dichloropropene	75	6.248	6.248	(0.771)	145330	20.0000	18
	70 4-Methyl-2-Pentanone	43	7.023	7.023	(0.867)	106155	20.0000	18
$	65 Toluene-d8 (SUR)	98	6.468	6.468	(0.798)	734410	50.0000	49
	66 Toluene	91	6.529	6.529	(0.806)	403489	20.0000	18
	64 trans-1,3-Dichloropropene	75	7.041	7.041	(0.869)	137551	20.0000	18
	69 1,1,2-Trichloroethane	83	7.212	7.212	(0.890)	75700	20.0000	19

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19260.d
Report Date: 25-May-2010 11:09

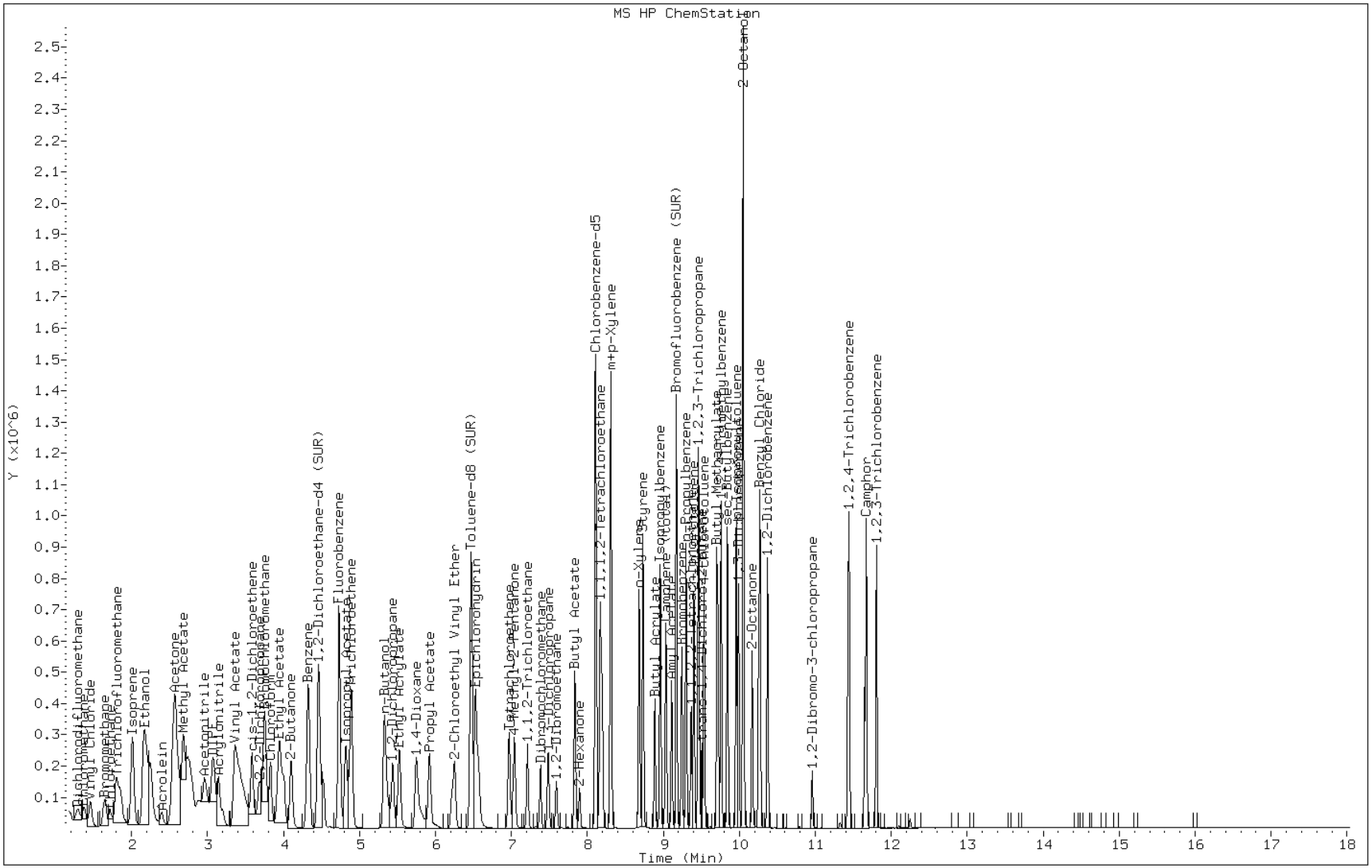
							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	71 Tetrachloroethene	166	6.968	6.968	(0.860)	113935	20.0000	18
	72 1,3-Dichloropropane	76	7.486	7.486	(0.924)	144997	20.0000	18
	73 2-Hexanone	43	7.894	7.894	(0.974)	79490	20.0000	19
	74 Dibromochloromethane	129	7.382	7.382	(0.911)	109512	20.0000	18
	76 Butyl Acetate	73	7.833	7.833	(0.967)	57314	40.0000	39
	77 1,2-Dibromoethane	107	7.596	7.596	(0.938)	99563	20.0000	19
*	78 Chlorobenzene-d5	117	8.102	8.102	(1.000)	684685	50.0000	
	79 Chlorobenzene	112	8.120	8.120	(1.002)	276494	20.0000	18
	80 1,1,1,2-Tetrachloroethane	131	8.193	8.193	(1.011)	119229	20.0000	19
	81 Ethylbenzene	106	8.169	8.169	(1.008)	138113	20.0000	18
	82 m+p-Xylene	106	8.309	8.309	(1.026)	346096	40.0000	38
	84 o-Xylene	106	8.681	8.681	(1.071)	171637	20.0000	19
	85 Styrene	104	8.730	8.730	(1.077)	278172	20.0000	19
	83 Butyl Acrylate	73	8.888	8.888	(1.097)	79389	20.0000	18
	86 Bromoform	173	8.730	8.730	(1.077)	92928	20.0000	20
	87 Amyl Acetate	43	9.107	9.107	(0.907)	185150	20.0000	17
	88 Isopropylbenzene	105	8.955	8.955	(1.105)	451822	20.0000	16
$	89 Bromofluorobenzene (SUR)	174	9.175	9.175	(0.913)	337263	50.0000	49
	90 Camphene (total)	93	9.034	9.034	(1.115)	154325	20.0000	17
	91 Bromobenzene	156	9.242	9.242	(0.920)	139860	20.0000	18
	92 1,1,2,2-Tetrachloroethane	83	9.370	9.370	(0.933)	143370	20.0000	18
	93 1,2,3-Trichloropropane	110	9.455	9.455	(0.941)	47518	20.0000	18
	94 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(0.946)	39658	20.0000	19
	95 n-Propylbenzene	91	9.296	9.296	(0.925)	538919	20.0000	18
	96 2-Chlorotoluene	91	9.400	9.400	(0.936)	326396	20.0000	18
	97 1,3,5-Trimethylbenzene	105	9.461	9.461	(0.942)	399973	20.0000	12
	98 4-Chlorotoluene	91	9.534	9.534	(0.949)	335969	20.0000	18
	99 Butyl Methacrylate	87	9.723	9.723	(0.968)	142307	20.0000	16
	100 tert-Butylbenzene	119	9.705	9.705	(0.966)	323337	20.0000	16
	101 1,2,4-Trimethylbenzene	105	9.760	9.760	(0.971)	424947	20.0000	12
	102 2-Octanone	43	10.168	10.168	(1.012)	195874	20.0000	16
	103 sec-Butylbenzene	105	9.839	9.839	(0.979)	507840	20.0000	15
	105 1,3-Dichlorobenzene	146	9.991	9.991	(0.995)	264880	20.0000	18
	107 p-Isopropyltoluene	119	9.961	9.961	(0.992)	439944	20.0000	15
*	108 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	413792	50.0000	
	109 1,4-Dichlorobenzene	146	10.059	10.059	(1.001)	269651	20.0000	18
	110 Benzyl Chloride	91	10.272	10.272	(1.022)	706023	20.0000	20
	106 n-Butylbenzene	91	10.272	10.272	(1.022)	705594	20.0000	20
	111 1,2-Dichlorobenzene	146	10.369	10.369	(1.032)	269985	20.0000	18
	112 1,2-Dibromo-3-chloropropane	75	10.961	10.961	(1.091)	29900	20.0000	18
	113 Camphor	95	11.650	11.650	(1.160)	82074	100.000	56
	114 1,2,4-Trichlorobenzene	180	11.442	11.442	(1.139)	214196	20.0000	18
	115 Hexachlorobutadiene	225	11.430	11.430	(1.138)	92762	20.0000	17
	116 Naphthalene	128	11.674	11.674	(1.162)	532339	20.0000	20
	117 1,2,3-Trichlorobenzene	180	11.802	11.802	(1.175)	211616	20.0000	19
M	120 1,2-Dichloroethene (Total)	100				220546	40.0000	38
M	121 Xylene (Total)	100				517733	60.0000	56

Data File: d19260.d

Date: 24-MAY-2010 19:15

Client ID: Instrument: VOAMS4.i

Sample Info: CCVIS Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab Sample ID: CCV 460-38207/13 Calibration Date: 05/25/2010 01:53

Instrument ID: VOAMS4 Calib Start Date: 05/21/2010 22:32

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/22/2010 03:00

Lab File ID: d19275.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3931	0.4135	0.1000	21.0	20.0	5.2	25.0
Chloromethane	Ave	0.3841	0.4007	0.1000	20.9	20.0	4.3	25.0
Vinyl chloride	Ave	0.4194	0.4316	0.1000	20.6	20.0	2.9	25.0
Bromomethane	Ave	0.3102	0.3557	0.1000	22.9	20.0	14.7	25.0
Chloroethane	Ave	0.2315	0.2531	0.1000	21.9	20.0	9.3	25.0
Pentane	Ave	0.0582	0.0717*	0.1000	24.6	20.0	23.2	25.0
Trichlorofluoromethane	Ave	0.5935	0.7105	0.1000	23.9	20.0	19.7	25.0
2-Methyl-1,3-butadiene	Ave	0.4419	0.5222	0.1000	23.6	20.0	18.2	25.0
Ethyl ether	Ave	0.2553	0.3060	0.1000	24.0	20.0	19.8	25.0
1,1-Dichloroethene	Ave	0.3084	0.3575	0.1000	23.2	20.0	15.9	25.0
Carbon disulfide	Ave	1.132	1.284	0.1000	22.7	20.0	13.5	25.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.3463	0.4224	0.1000	24.4	20.0	22.0	25.0
Iodomethane	Ave	0.7187	0.8689	0.1000	24.2	20.0	20.9	25.0
Acrolein	Ave	0.0784	0.1067	0.1000	54.4	40.0	36.0*	25.0
Isopropyl alcohol	Ave	0.0267	0.0316*	0.1000	3550	3000	18.4	25.0
Methylene Chloride	Ave	0.3763	0.4607	0.1000	24.5	20.0	22.4	25.0
Acetone	QuaF	0.0498	0.0478*	0.1000	20.0	20.0	0.0	25.0
trans-1,2-Dichloroethene	Ave	0.3332	0.3967	0.1000	23.8	20.0	19.1	25.0
Methyl acetate	Ave	0.0873	0.1064	0.1000	24.4	20.0	21.8	25.0
Hexane	Ave	0.2152	0.2637	0.1000	24.5	20.0	22.5	25.0
Methyl tert-butyl ether	Ave	0.9941	1.187	0.1000	23.9	20.0	19.4	25.0
2-Methyl-2-propanol	Ave	0.0428	0.0523*	0.1000	489	400	22.2	25.0
Acetonitrile	Ave	0.0111	0.0147*	0.1000	529	400	32.1*	25.0
Isopropyl ether	Ave	1.014	1.114	0.1000	22.0	20.0	9.8	25.0
1,1-Dichloroethane	Ave	0.5445	0.6328	0.1000	23.2	20.0	16.2	25.0
Acrylonitrile	Ave	0.1441	0.2008	0.1000	27.9	20.0	39.4*	25.0
Tert-butyl ethyl ether	LinF	1.048	1.586	0.1000	32.6	20.0	63.1*	25.0
Vinyl acetate	Ave	0.5468	0.7310	0.1000	26.7	20.0	33.7*	25.0
cis-1,2-Dichloroethene	Ave	0.3606	0.4429	0.1000	24.6	20.0	22.8	25.0
2,2-Dichloropropane	Ave	0.4735	0.5906	0.1000	24.9	20.0	24.7	25.0
Chlorobromomethane	Ave	0.1987	0.2474	0.1000	24.9	20.0	24.5	25.0
Cyclohexane	Ave	0.5240	0.6126	0.1000	23.4	20.0	16.9	25.0
Chloroform	Ave	0.5865	0.7088	0.1000	24.2	20.0	20.9	25.0
Carbon tetrachloride	Ave	0.5324	0.6510	0.1000	24.5	20.0	22.3	25.0
Ethyl acetate	Ave	0.0387	0.0488*	0.1000	50.4	40.0	26.1*	25.0
Tetrahydrofuran	LinF	0.1702	0.1799	0.1000	24.5	20.0	22.5	25.0
1,1,1-Trichloroethane	Ave	0.5310	0.6294	0.1000	23.7	20.0	18.5	25.0
1,1-Dichloropropene	Ave	0.3955	0.4500	0.1000	22.8	20.0	13.8	25.0
2-Butanone (MEK)	Ave	0.0588	0.0733*	0.1000	24.9	20.0	24.7	25.0
n-Heptane	Ave	0.1707	0.2068	0.1000	24.2	20.0	21.2	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab Sample ID: CCV 460-38207/13 Calibration Date: 05/25/2010 01:53

Instrument ID: VOAMS4 Calib Start Date: 05/21/2010 22:32

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/22/2010 03:00

Lab File ID: d19275.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	1.564	1.844	0.1000	23.6	20.0	17.8	25.0
Tert-amyl methyl ether	Ave	0.9073	1.073	0.1000	23.6	20.0	18.2	25.0
1,2-Dichloroethane	Ave	0.4429	0.5408	0.1000	24.4	20.0	22.1	25.0
Isopropyl acetate	Ave	0.6147	0.6970	0.1000	45.4	40.0	13.4	25.0
Methylcyclohexane	Ave	0.5154	0.6187	0.1000	24.0	20.0	20.0	25.0
Trichloroethene	Ave	0.3246	0.3715	0.1000	22.9	20.0	14.5	25.0
Dibromomethane	Ave	0.2247	0.2746	0.1000	24.4	20.0	22.2	25.0
n-Butanol	Ave	0.0109	0.0121*	0.1000	1670	1500	11.4	25.0
1,2-Dichloropropane	Ave	0.2974	0.3400	0.1000	22.9	20.0	14.3	25.0
Ethyl acrylate	Ave	0.4104	0.4609	0.1000	22.5	20.0	12.3	25.0
Dichlorobromomethane	Ave	0.4365	0.5197	0.1000	23.8	20.0	19.1	25.0
Methyl methacrylate	Ave	0.0959	0.1129	0.1000	23.5	20.0	17.7	25.0
n-Propyl acetate	Ave	0.4669	0.4903	0.1000	42.0	40.0	5.0	25.0
2-Chloroethyl vinyl ether	Ave	0.1833	0.2085	0.1000	22.7	20.0	13.7	25.0
cis-1,3-Dichloropropene	Ave	0.5896	0.6983	0.1000	23.7	20.0	18.4	25.0
Toluene	Ave	1.677	1.892	0.1000	22.6	20.0	12.8	25.0
Epichlorohydrin	Ave	0.0484	0.0571*	0.1000	472	400	17.9	25.0
Tetrachloroethene	Ave	0.4502	0.5322	0.1000	23.6	20.0	18.2	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4342	0.4943	0.1000	22.8	20.0	13.8	25.0
trans-1,3-Dichloropropene	Ave	0.5529	0.6580	0.1000	23.8	20.0	19.0	25.0
1,1,2-Trichloroethane	Ave	0.2963	0.3538	0.1000	23.9	20.0	19.4	25.0
Chlorodibromomethane	Ave	0.4345	0.5221	0.1000	24.0	20.0	20.1	25.0
1,3-Dichloropropane	Ave	0.5762	0.6927	0.1000	24.0	20.0	20.2	25.0
1,2-Dibromoethane	Ave	0.3850	0.4758	0.1000	24.7	20.0	23.6	25.0
n-Butyl acetate	Ave	0.1074	0.1285	0.1000	47.9	40.0	19.7	25.0
2-Hexanone	Ave	0.3084	0.3638	0.1000	23.6	20.0	18.0	25.0
Chlorobenzene	Ave	1.092	1.273	0.1000	23.3	20.0	16.6	25.0
Ethylbenzene	Ave	0.5450	0.6416	0.1000	23.5	20.0	17.7	25.0
1,1,1,2-Tetrachloroethane	Ave	0.4533	0.5560	0.1000	24.5	20.0	22.6	25.0
m-Xylene & p-Xylene	Ave	0.6720	0.8005	0.1000	47.6	40.0	19.1	25.0
o-Xylene	Ave	0.6715	0.8040	0.1000	23.9	20.0	19.7	25.0
Bromoform	Ave	0.3468	0.4430	0.1000	25.5	20.0	27.7*	25.0
Styrene	Ave	1.069	1.300	0.1000	24.3	20.0	21.6	25.0
n-Butyl acrylate	LinF	0.2839	0.3484	0.1000	22.1	20.0	10.6	25.0
Isopropylbenzene	LinF	1.744	2.135	0.1000	21.5	20.0	7.3	25.0
Camphene	LinF	0.6147	0.7591	0.1000	22.6	20.0	13.1	25.0
Amyl acetate (mixed isomers)	LinF	1.208	1.372	0.1000	20.4	20.0	2.0	25.0
Bromobenzene	Ave	0.9309	1.083	0.1000	23.3	20.0	16.3	25.0
N-Propylbenzene	Ave	3.644	4.182	0.1000	23.0	20.0	14.8	25.0
1,1,2,2-Tetrachloroethane	Ave	0.9470	1.151	0.1000	24.3	20.0	21.5	25.0
2-Chlorotoluene	Ave	2.223	2.578	0.1000	23.2	20.0	16.0	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab Sample ID: CCV 460-38207/13 Calibration Date: 05/25/2010 01:53

Instrument ID: VOAMS4 Calib Start Date: 05/21/2010 22:32

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/22/2010 03:00

Lab File ID: d19275.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichloropropane	Ave	0.3098	0.3847	0.1000	24.8	20.0	24.2	25.0
1,3,5-Trimethylbenzene	QuaF	2.683	3.186	0.1000	15.6	20.0	-22.2	25.0
trans-1,4-Dichloro-2-butene	Ave	0.2570	0.2918	0.1000	22.7	20.0	13.5	25.0
4-Chlorotoluene	Ave	2.216	2.572	0.1000	23.2	20.0	16.1	25.0
tert-Butylbenzene	LinF	2.268	2.657	0.1000	21.8	20.0	9.0	25.0
Butyl Methacrylate	LinF	0.8929	1.065	0.1000	20.5	20.0	2.7	25.0
1,2,4-Trimethylbenzene	QuaF	2.747	3.370	0.1000	16.0	20.0	-19.8	25.0
sec-Butylbenzene	LinF	3.404	4.078	0.1000	19.8	20.0	-1.2	25.0
4-Isopropyltoluene	LinF	2.915	3.537	0.1000	19.9	20.0	-0.4	25.0
1,3-Dichlorobenzene	Ave	1.754	2.065	0.1000	23.5	20.0	17.7	25.0
1,4-Dichlorobenzene	Ave	1.809	2.122	0.1000	23.5	20.0	17.3	25.0
2-Octanone	LinF	1.311	1.537	0.1000	20.4	20.0	2.1	25.0
Benzyl chloride	Ave	4.359	5.586	0.1000	25.6	20.0	28.2*	25.0
n-Butylbenzene	Ave	4.360	5.587	0.1000	25.6	20.0	28.1*	25.0
1,2-Dichlorobenzene	Ave	1.776	2.133	0.1000	24.0	20.0	20.1	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.2016	0.2471	0.1000	24.5	20.0	22.6	25.0
Hexachlorobutadiene	Ave	0.6418	0.7814	0.1000	24.3	20.0	21.7	25.0
1,2,4-Trichlorobenzene	Ave	1.453	1.750	0.1000	24.1	20.0	20.4	25.0
Camphor	LinF	0.1246	0.1440	0.1000	81.9	100	-18.1	25.0
Naphthalene	Ave	3.142	4.425	0.1000	28.2	20.0	40.9*	25.0
1,2,3-Trichlorobenzene	Ave	1.369	1.721	0.1000	25.1	20.0	25.7*	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0437	0.0438*	0.1000	50.1	50.0	0.2	25.0
Toluene-d8 (Surr)	Ave	1.100	1.087	0.1000	49.4	50.0	-1.2	25.0
4-Bromofluorobenzene	Ave	0.8362	0.8327	0.1000	49.8	50.0	-0.4	25.0

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19275.d
Report Date: 26-May-2010 10:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19275.d
Lab Smp Id: CCV
Inj Date : 25-MAY-2010 01:53
Operator : Inst ID: VOAMS4.i
Smp Info : CCV
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10ab.b/8260DE_09.m
Meth Date : 25-May-2010 11:16 vibha Quant Type: ISTD
Cal Date : 25-MAY-2010 01:53 Cal File: d19275.d
Als bottle: 17 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.298	1.298	(0.274)	140900	20.0000	21
3 Chloromethane	50	1.396	1.396	(0.295)	136534	20.0000	21
4 Vinyl Chloride	62	1.463	1.463	(0.309)	147071	20.0000	20
6 Bromomethane	94	1.658	1.658	(0.350)	121198	20.0000	23
5 Chloroethane	64	1.725	1.725	(0.364)	86238	20.0000	22
7 Trichlorofluoromethane	101	1.853	1.853	(0.391)	242100	20.0000	24
8 n-Pentane	72	1.798	1.798	(0.380)	24425	20.0000	25
10 Isoprene	67	2.005	2.005	(0.423)	177954	20.0000	24
11 Ethyl Ether	59	2.024	2.024	(0.427)	104261	20.0000	24
13 Acrolein	56	2.402	2.402	(0.507)	72703	40.0000	54
15 1,1-Dichloroethene	96	2.158	2.158	(0.456)	121814	20.0000	23
14 Freon TF	101	2.225	2.225	(0.470)	143935	20.0000	24
16 Acetone	58	2.615	2.615	(0.552)	16303	20.0000	20
17 Iodomethane	142	2.261	2.261	(0.477)	296067	20.0000	24
18 Carbon Disulfide	76	2.182	2.182	(0.461)	437667	20.0000	23
19 Isopropanol	45	2.554	2.554	(0.539)	1613887	3000.00	3600

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19275.d
Report Date: 26-May-2010 10:17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	21 Acetonitrile	39	2.969	2.969	(0.627)	100001	400.000	530
	27 Methyl Acetate	74	2.713	2.713	(0.573)	36238	20.0000	24
	22 Methylene Chloride	84	2.572	2.572	(0.543)	156972	20.0000	24
	24 TBA	59	2.902	2.902	(0.613)	356599	400.000	490
	25 trans-1,2-Dichloroethene	96	2.682	2.682	(0.566)	135171	20.0000	24
	26 Acrylonitrile	53	3.200	3.200	(0.676)	68413	20.0000	28
	28 MTBE	73	2.786	2.786	(0.588)	404544	20.0000	24
	29 Hexane	56	2.737	2.737	(0.578)	89845	20.0000	24
	30 1,1-Dichloroethane	63	3.152	3.152	(0.665)	215614	20.0000	23
	31 Vinyl Acetate	43	3.371	3.371	(0.712)	249091	20.0000	27
	32 DIPE	45	3.072	3.072	(0.649)	379677	20.0000	22
	35 t-Butyl-ethyl-ether	59	3.365	3.365	(0.710)	540301	20.0000	33
	37 2,2-Dichloropropane	77	3.694	3.694	(0.780)	201233	20.0000	25
	36 cis-1,2-Dichloroethene	96	3.590	3.590	(0.758)	150921	20.0000	24
	38 2-Butanone	72	4.109	4.109	(0.867)	24981	20.0000	25
	39 Ethyl Acetate	70	3.950	3.950	(0.834)	33237	40.0000	50
	40 Bromochloromethane	128	3.755	3.755	(0.793)	84292	20.0000	25
	41 Tetrahydrofuran	42	3.962	3.962	(0.837)	61304	20.0000	24
	42 Chloroform	83	3.828	3.828	(0.808)	241540	20.0000	24
	43 1,1,1-Trichloroethane	97	4.005	4.005	(0.846)	214465	20.0000	24
	44 Cyclohexane	56	3.755	3.755	(0.793)	208732	20.0000	23
	45 Carbon Tetrachloride	117	3.938	3.938	(0.831)	221832	20.0000	24
	46 1,1-Dichloropropene	75	4.103	4.103	(0.866)	153349	20.0000	23
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.468	4.468	(0.943)	37312	50.0000	50
	48 Benzene	78	4.328	4.328	(0.534)	491783	20.0000	24
	49 1,2-Dichloroethane	62	4.529	4.529	(0.956)	184285	20.0000	24
	51 n-Heptane	57	4.316	4.316	(0.911)	70475	20.0000	24
	50 t-Amyl-methyl-ether	73	4.468	4.468	(0.943)	365490	20.0000	24
	61 Isopropyl Acetate	43	4.822	4.822	(1.018)	474973	40.0000	45
*	52 Fluorobenzene	96	4.737	4.737	(1.000)	851881	50.0000	
	54 Trichloroethene	95	4.901	4.901	(1.035)	126598	20.0000	23
	53 n-Butanol	56	5.334	5.334	(1.126)	309485	1500.00	1700
	56 Methyl cyclohexane	83	4.889	4.889	(1.032)	210817	20.0000	24
	55 Ethyl Acrylate	55	5.517	5.517	(1.165)	157068	20.0000	22
	57 1,2-Dichloropropane	63	5.444	5.444	(1.149)	115848	20.0000	23
	58 Dibromomethane	93	5.334	5.334	(1.126)	93565	20.0000	24
	59 Methyl Methacrylate	100	5.742	5.742	(1.212)	38473	20.0000	24
	75 Propyl Acetate	43	5.919	5.919	(1.250)	334132	40.0000	42
	68 Bromodichloromethane	83	5.529	5.529	(1.167)	177084	20.0000	24
	62 2-Chloroethyl Vinyl Ether	63	6.218	6.218	(1.313)	71034	20.0000	23
	63 Epichlorohydrin	57	6.572	6.572	(0.811)	304408	400.000	470
	67 cis-1,3-Dichloropropene	75	6.255	6.255	(0.771)	186278	20.0000	24
	70 4-Methyl-2-Pentanone	43	7.023	7.023	(0.866)	131860	20.0000	23
$	65 Toluene-d8 (SUR)	98	6.468	6.468	(0.798)	725093	50.0000	49
	66 Toluene	91	6.529	6.529	(0.805)	504579	20.0000	22
	64 trans-1,3-Dichloropropene	75	7.047	7.047	(0.869)	175520	20.0000	24
	69 1,1,2-Trichloroethane	83	7.212	7.212	(0.889)	94376	20.0000	24

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19275.d
Report Date: 26-May-2010 10:17

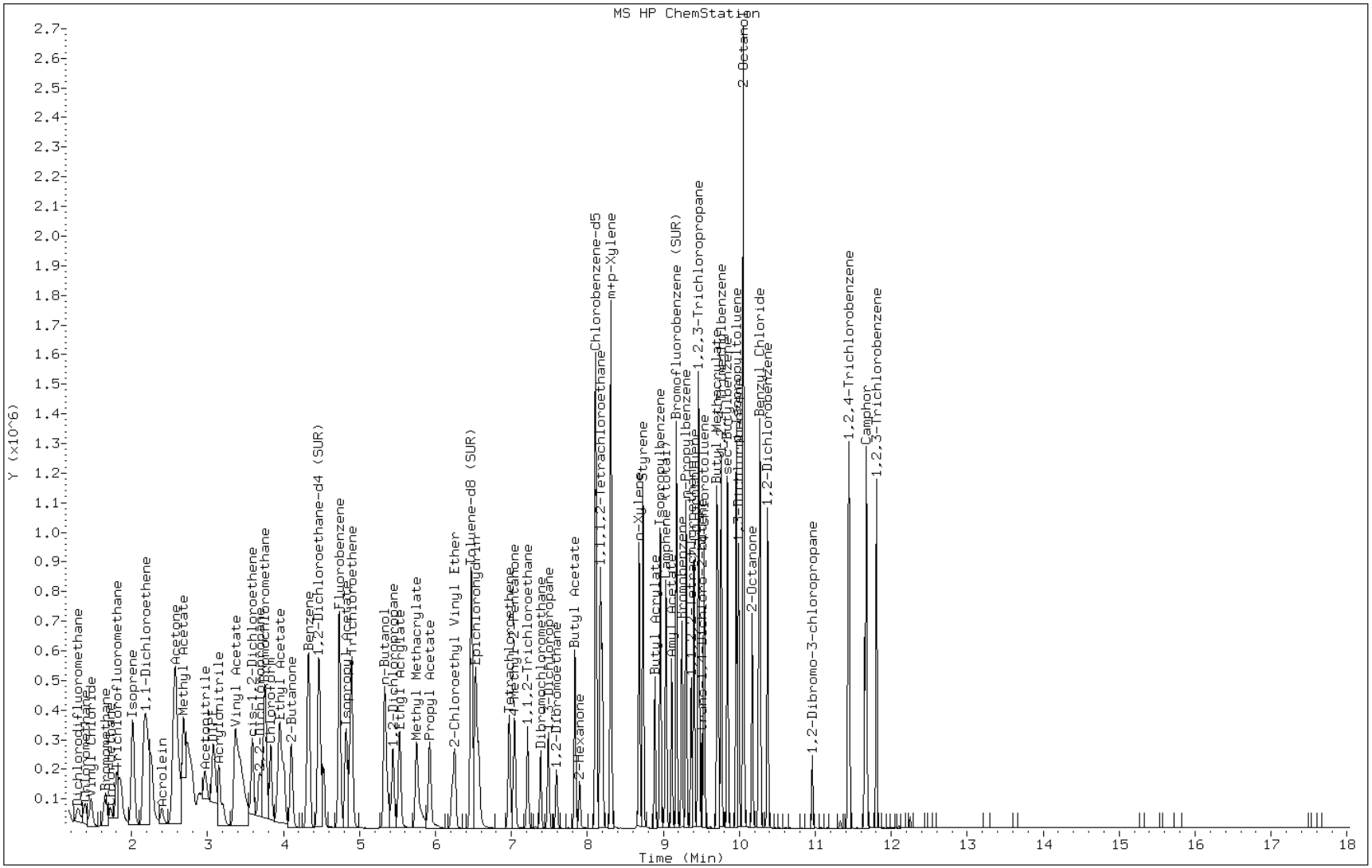
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	6.968	6.968	(0.859)	141970	20.0000	24
	72 1,3-Dichloropropane	76	7.486	7.486	(0.923)	184789	20.0000	24
	73 2-Hexanone	43	7.895	7.895	(0.974)	97054	20.0000	24
	74 Dibromochloromethane	129	7.382	7.382	(0.911)	139263	20.0000	24
	76 Butyl Acetate	73	7.834	7.834	(0.966)	68556	40.0000	48
	77 1,2-Dibromoethane	107	7.596	7.596	(0.937)	126936	20.0000	25
*	78 Chlorobenzene-d5	117	8.108	8.108	(1.000)	666901	50.0000	
	79 Chlorobenzene	112	8.120	8.120	(1.002)	339499	20.0000	23
	80 1,1,1,2-Tetrachloroethane	131	8.193	8.193	(1.011)	148312	20.0000	24
	81 Ethylbenzene	106	8.169	8.169	(1.008)	171159	20.0000	24
	82 m+p-Xylene	106	8.309	8.309	(1.025)	427058	40.0000	48
	84 o-Xylene	106	8.681	8.681	(1.071)	214481	20.0000	24
	85 Styrene	104	8.730	8.730	(1.077)	346918	20.0000	24
	83 Butyl Acrylate	73	8.888	8.888	(1.096)	92933	20.0000	22
	86 Bromoform	173	8.730	8.730	(1.077)	118171	20.0000	26
	87 Amyl Acetate	43	9.108	9.108	(0.907)	217808	20.0000	20
	88 Isopropylbenzene	105	8.955	8.955	(1.105)	569564	20.0000	21
$	89 Bromofluorobenzene (SUR)	174	9.175	9.175	(0.913)	330587	50.0000	50
	90 Camphene (total)	93	9.035	9.035	(1.114)	202484	20.0000	23
	91 Bromobenzene	156	9.242	9.242	(0.920)	171936	20.0000	23
	92 1,1,2,2-Tetrachloroethane	83	9.370	9.370	(0.933)	182684	20.0000	24
	93 1,2,3-Trichloropropane	110	9.455	9.455	(0.941)	61088	20.0000	25
	94 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(0.946)	46325	20.0000	23
	95 n-Propylbenzene	91	9.297	9.297	(0.925)	664108	20.0000	23
	96 2-Chlorotoluene	91	9.406	9.406	(0.936)	409406	20.0000	23
	97 1,3,5-Trimethylbenzene	105	9.461	9.461	(0.942)	505817	20.0000	16
	98 4-Chlorotoluene	91	9.541	9.541	(0.950)	408379	20.0000	23
	99 Butyl Methacrylate	87	9.723	9.723	(0.968)	169125	20.0000	20
	100 tert-Butylbenzene	119	9.705	9.705	(0.966)	421857	20.0000	22
	101 1,2,4-Trimethylbenzene	105	9.760	9.760	(0.971)	535147	20.0000	16
	102 2-Octanone	43	10.168	10.168	(1.012)	244024	20.0000	20
	103 sec-Butylbenzene	105	9.839	9.839	(0.979)	647603	20.0000	20
	105 1,3-Dichlorobenzene	146	9.992	9.992	(0.995)	327863	20.0000	24
	107 p-Isopropyltoluene	119	9.961	9.961	(0.992)	561612	20.0000	20
*	108 1,4-Dichlorobenzene-d4	152	10.047	10.047	(1.000)	396964	50.0000	
	109 1,4-Dichlorobenzene	146	10.059	10.059	(1.001)	336974	20.0000	23
	110 Benzyl Chloride	91	10.272	10.272	(1.022)	886945	20.0000	26
	106 n-Butylbenzene	91	10.272	10.272	(1.022)	887066	20.0000	26
	111 1,2-Dichlorobenzene	146	10.370	10.370	(1.032)	338652	20.0000	24
	112 1,2-Dibromo-3-chloropropane	75	10.961	10.961	(1.091)	39237	20.0000	24
	113 Camphor	95	11.650	11.650	(1.160)	114323	100.000	82
	114 1,2,4-Trichlorobenzene	180	11.443	11.443	(1.139)	277798	20.0000	24
	115 Hexachlorobutadiene	225	11.430	11.430	(1.138)	124074	20.0000	24
	116 Naphthalene	128	11.674	11.674	(1.162)	702664	20.0000	28
	117 1,2,3-Trichlorobenzene	180	11.802	11.802	(1.175)	273309	20.0000	25
M	120 1,2-Dichloroethene (Total)	100				286092	40.0000	48
M	121 Xylene (Total)	100				641539	60.0000	72

Data File: d19275.d

Date: 25-MAY-2010 01:53

Client ID: Instrument: VOAMS4.i

Sample Info: CCV Operator:



Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19209.d
Report Date: 22-May-2010 13:42

TestAmerica

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19209.d
Lab Smp Id: BFB
Inj Date : 21-MAY-2010 20:17
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/VOABFB.m
Meth Date : 28-Apr-2009 16:44 haitmane Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.112	2.200 (0.000)	95	31832			0.00- 100.00	100.00
2.112	2.200 (0.000)	50	6074			15.00- 40.00	19.08
2.112	2.200 (0.000)	75	15745			30.00- 60.00	49.46
2.112	2.200 (0.000)	96	1960			5.00- 9.00	6.16
2.112	2.200 (0.000)	173	0			0.00- 2.00	0.00
2.112	2.200 (0.000)	174	24960			50.00- 100.00	78.41
2.112	2.200 (0.000)	175	1973			5.00- 9.00	7.90
2.112	2.200 (0.000)	176	24592			95.00- 101.00	98.53
2.112	2.200 (0.000)	177	1579			5.00- 9.00	6.42

Data File: d19209.d

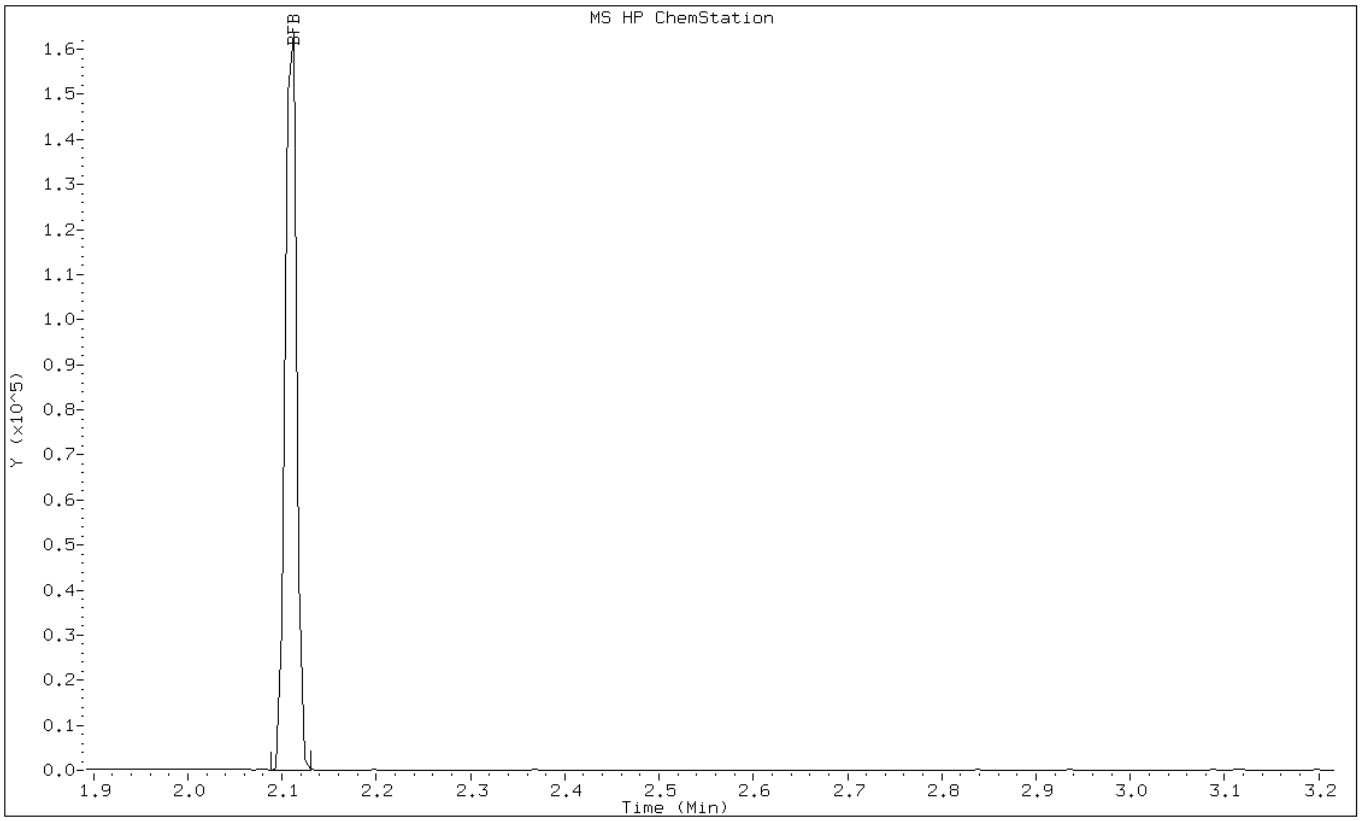
Date: 21-MAY-2010 20:17

Client ID:

Instrument: VOAMS4.i

Sample Info: BFB

Operator: VOAMS 1



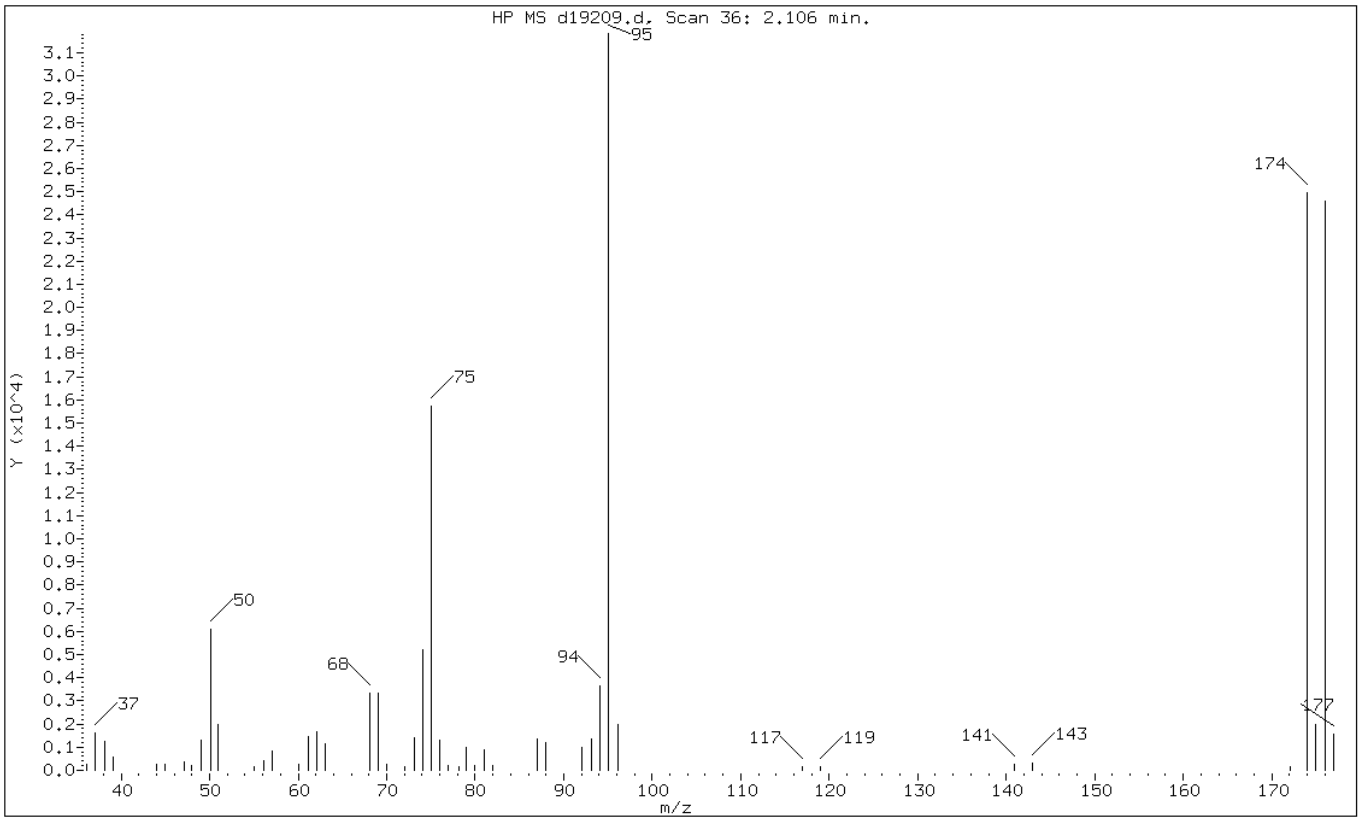
Data File: d19209.d

Date: 21-MAY-2010 20:17

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.08
75	30.00 - 60.00% of mass 95	49.46
96	5.00 - 9.00% of mass 95	6.16
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	78.41
175	5.00 - 9.00% of mass 174	6.20 (7.90)
176	95.00 - 101.00% of mass 174	77.26 (98.53)
177	5.00 - 9.00% of mass 176	4.96 (6.42)

Data File: d19209.d

Date: 21-MAY-2010 20:17

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b/d19209.d
Spectrum: HP MS d19209.d, Scan 36: 2.106 min.
Location of Maximum: 95.10
Number of points: 48

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	263	57.00	839	76.90	211	117.00	168
37.10	1597	60.10	284	78.10	173	119.00	154
38.10	1276	61.10	1469	79.00	990	140.90	274
39.10	575	62.10	1690	80.00	227	143.00	332
44.00	268	63.00	1162	81.00	894	172.10	165
45.00	275	68.10	3329	82.00	201	174.00	24960
47.10	371	69.10	3328	87.00	1372	175.00	1973
48.00	183	70.00	237	87.90	1216	176.00	24592
49.10	1321	72.10	180	92.10	993	177.00	1579
50.10	6074	73.10	1398	93.10	1348		
51.00	1991	74.10	5187	94.10	3634		
55.00	152	75.10	15745	95.10	31832		
56.10	425	76.00	1278	96.10	1960		

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19258.d
Report Date: 24-May-2010 19:39

TestAmerica

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19258.d
Lab Smp Id: BFB
Inj Date : 24-MAY-2010 18:31
Operator : VOAMS 1 Inst ID: VOAMS4.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/VOABFB.m
Meth Date : 28-Apr-2009 16:44 haitmane Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vf	1.00000	Volumetric correction factor
VI	1.00000	Injection Volume

Cpnd Variable Local Compound Variable

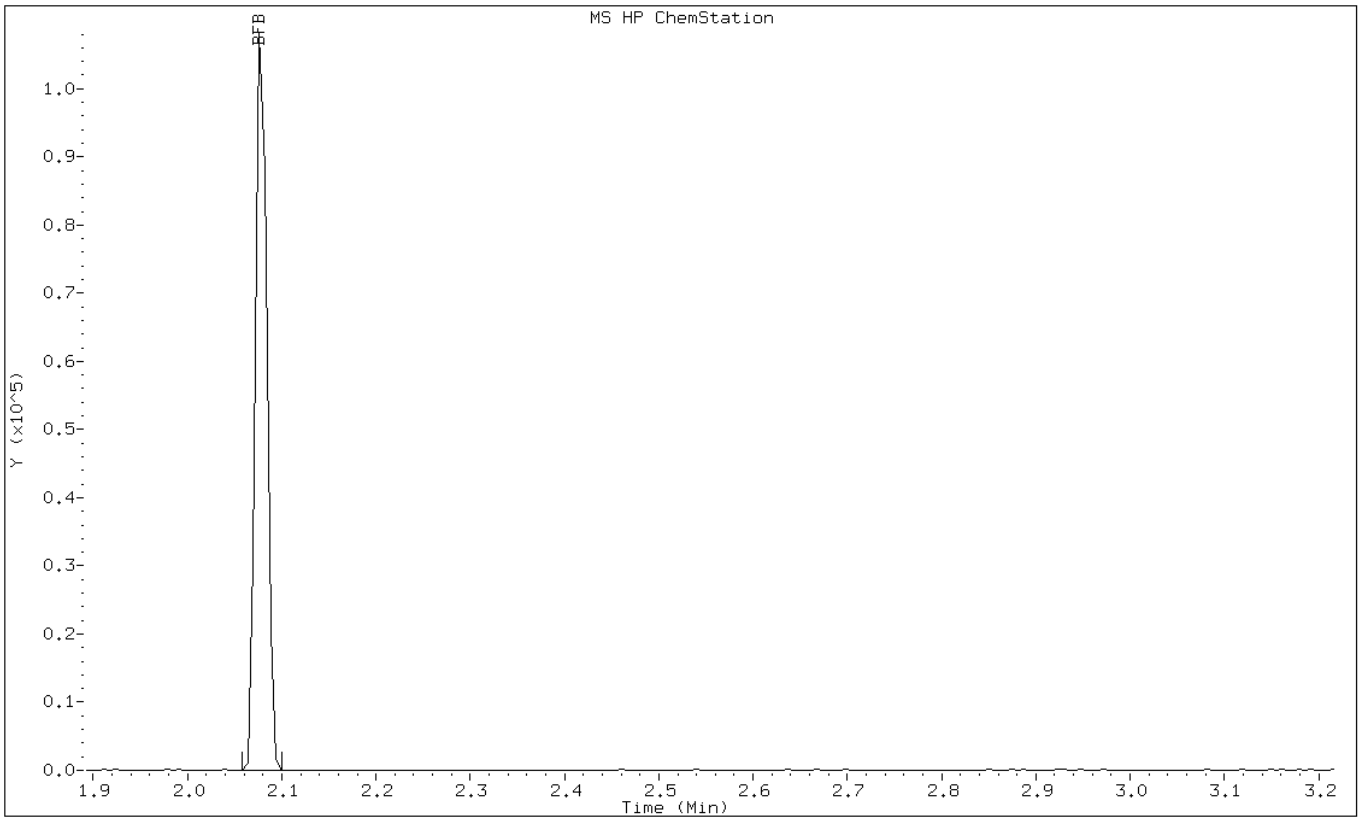
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.076	2.200 (0.000)	95	15535			0.00- 100.00	100.00
2.076	2.200 (0.000)	50	2686			15.00- 40.00	17.29
2.076	2.200 (0.000)	75	7334			30.00- 60.00	47.21
2.076	2.200 (0.000)	96	1052			5.00- 9.00	6.77
2.076	2.200 (0.000)	173	0			0.00- 2.00	0.00
2.076	2.200 (0.000)	174	14969			50.00- 100.00	96.36
2.076	2.200 (0.000)	175	1179			5.00- 9.00	7.88
2.076	2.200 (0.000)	176	14591			95.00- 101.00	97.47
2.076	2.200 (0.000)	177	942			5.00- 9.00	6.46

Data File: d19258.d

Date: 24-MAY-2010 18:31

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1



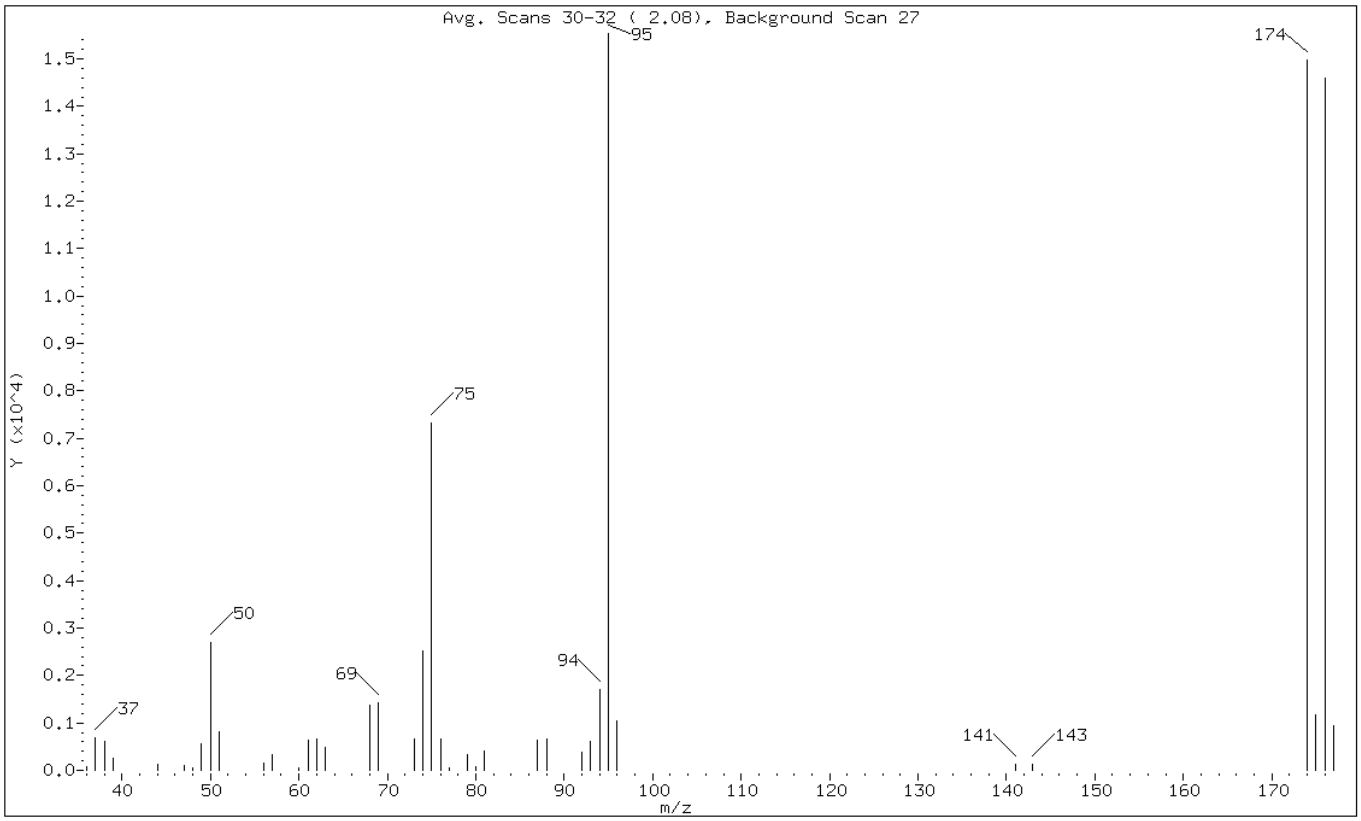
Data File: d19258.d

Date: 24-MAY-2010 18:31

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.29
75	30.00 - 60.00% of mass 95	47.21
96	5.00 - 9.00% of mass 95	6.77
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	96.36
175	5.00 - 9.00% of mass 174	7.59 (7.88)
176	95.00 - 101.00% of mass 174	93.92 (97.47)
177	5.00 - 9.00% of mass 176	6.06 (6.46)

Data File: d19258.d

Date: 24-MAY-2010 18:31

Client ID: Instrument: VOAMS4.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19258.d
Spectrum: Avg. Scans 30-32 (2.08), Background Scan 27
Location of Maximum: 95.00
Number of points: 39

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	77	56.00	142	75.00	7334	94.00	1716
37.00	682	57.00	343	76.00	658	95.00	15535
38.00	606	60.00	61	77.00	57	96.00	1052
39.00	262	61.00	636	79.00	342	141.00	135
44.00	128	62.00	665	80.00	64	143.00	129
47.00	97	63.00	486	81.00	396	174.00	14969
48.00	51	68.00	1361	87.00	624	175.00	1179
49.00	557	69.00	1423	88.00	649	176.00	14591
50.00	2686	73.00	669	92.00	369	177.00	942
51.00	801	74.00	2523	93.00	613		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-38207/4

Matrix: Water Lab File ID: d19263.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/24/2010 20:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-38207/4

Matrix: Water | Lab File ID: d19263.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/24/2010 20:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 38207 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103	70-122	
460-00-4	4-Bromofluorobenzene	99	69-135	
2037-26-5	Toluene-d8 (Surr)	101	69-125	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-38207/4

Matrix: Water Lab File ID: d19263.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/24/2010 20:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19263.d
Report Date: 25-May-2010 11:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19263.d
Lab Smp Id: MB
Inj Date : 24-MAY-2010 20:56
Operator : Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:09 vibha Quant Type: ISTD
Cal Date : 24-MAY-2010 19:15 Cal File: d19260.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	104	4.462	4.462	(0.943)	36512	51.5375	52
* 52 Fluorobenzene	96	4.730	4.730	(1.000)	805451	50.0000	
$ 65 Toluene-d8 (SUR)	98	6.468	6.468	(0.798)	676353	50.4905	50
* 78 Chlorobenzene-d5	117	8.102	8.102	(1.000)	624433	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.175	9.175	(0.913)	301482	49.3712	49
* 108 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	374603	50.0000	

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19263.d
Report Date: 25-May-2010 11:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19263.d
Lab Smp Id: MB
Inj Date : 24-MAY-2010 20:56
Operator : Inst ID: VOAMS4.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:09 vibha Quant Type: ISTD
Cal Date : 24-MAY-2010 19:15 Cal File: d19260.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

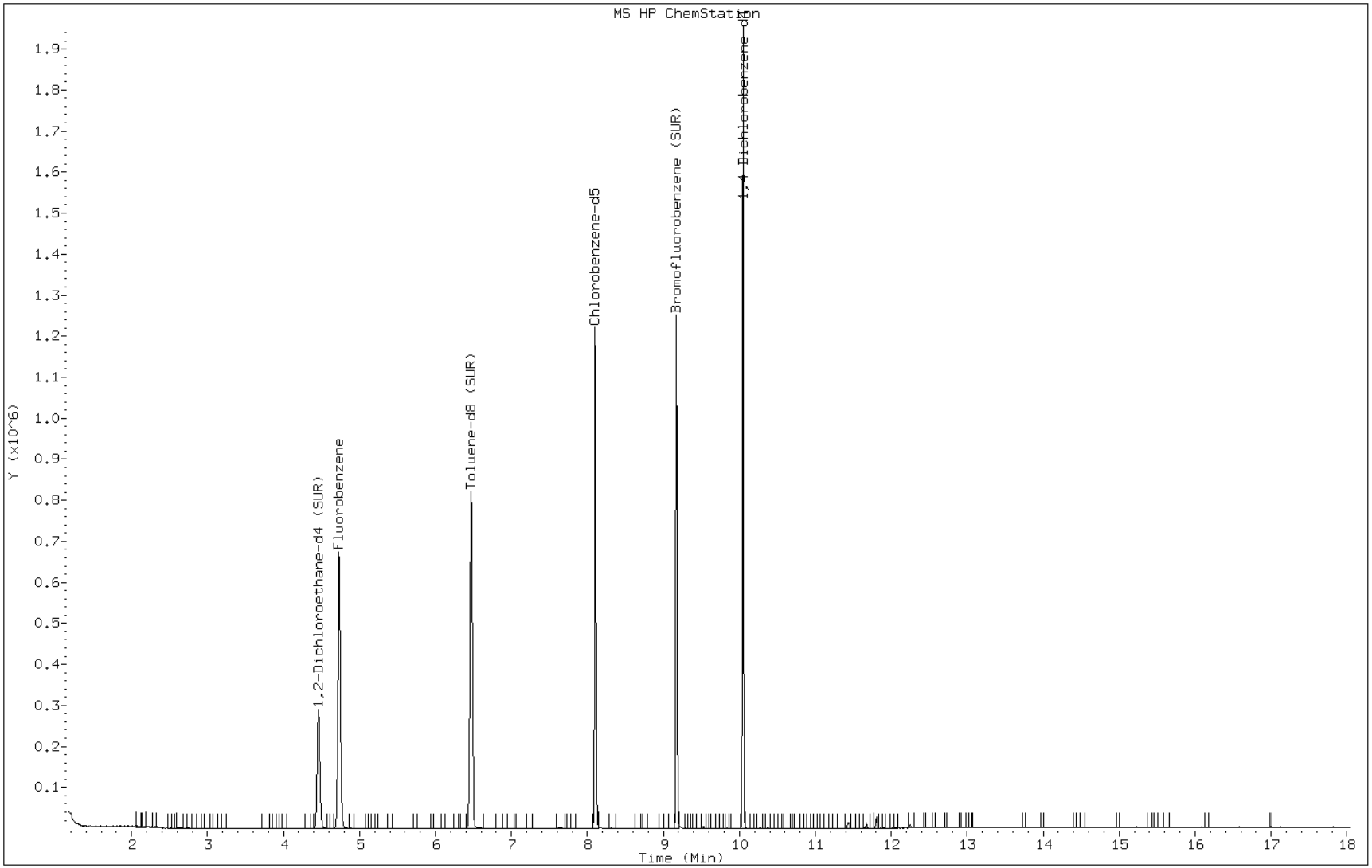
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: d19263.d

Date: 24-MAY-2010 20:56

Client ID: Instrument: VOAMS4.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-38207/3

Matrix: Water Lab File ID: d19261.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/24/2010 19:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.4		1.0	0.25
75-71-8	Dichlorodifluoromethane	18.5		1.0	0.29
74-87-3	Chloromethane	18.5		1.0	0.21
75-01-4	Vinyl chloride	18.7		1.0	0.13
74-83-9	Bromomethane	18.8		1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	19.0		1.0	0.15
95-50-1	1,2-Dichlorobenzene	19.5		1.0	0.16
75-69-4	Trichlorofluoromethane	18.4		1.0	0.16
75-35-4	1,1-Dichloroethene	20.2		1.0	0.14
78-87-5	1,2-Dichloropropane	19.2		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.2		1.0	0.28
67-64-1	Acetone	28.6		10	2.5
75-15-0	Carbon disulfide	19.9		1.0	0.15
79-20-9	Methyl acetate	19.0		2.0	0.33
75-09-2	Methylene Chloride	19.6		1.0	0.19
156-60-5	trans-1,2-Dichloroethene	20.5		1.0	0.14
124-48-1	Chlorodibromomethane	19.4		1.0	0.11
1634-04-4	Methyl tert-butyl ether	19.2		1.0	0.18
75-00-3	Chloroethane	18.8		1.0	0.45
75-34-3	1,1-Dichloroethane	19.7		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	19.7		1.0	0.20
78-93-3	2-Butanone (MEK)	20.0		10	0.82
67-66-3	Chloroform	19.5		1.0	0.15
100-41-4	Ethylbenzene	19.8		1.0	0.25
110-82-7	Cyclohexane	20.1		1.0	0.13
56-23-5	Carbon tetrachloride	20.0		1.0	0.19
71-43-2	Benzene	19.9		1.0	0.13
107-06-2	1,2-Dichloroethane	19.1		1.0	0.24
79-01-6	Trichloroethene	20.1		1.0	0.18
108-87-2	Methylcyclohexane	20.5		1.0	0.090
75-27-4	Dichlorobromomethane	19.3		1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	19.3		1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	19.3		10	0.68
108-88-3	Toluene	19.9		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	19.0		1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-38207/3

Matrix: Water Lab File ID: d19261.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/24/2010 19:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	19.1		1.0	0.10
127-18-4	Tetrachloroethene	20.1		1.0	0.20
591-78-6	2-Hexanone	19.1		10	0.55
106-93-4	1,2-Dibromoethane	19.3		1.0	0.090
108-90-7	Chlorobenzene	19.3		1.0	0.16
1330-20-7	Xylenes, Total	58.6		3.0	0.43
100-42-5	Styrene	19.4		1.0	0.13
75-25-2	Bromoform	19.0		1.0	0.10
98-82-8	Isopropylbenzene	20.0		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	18.7		1.0	0.090
541-73-1	1,3-Dichlorobenzene	19.8		1.0	0.22
106-46-7	1,4-Dichlorobenzene	19.8		1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	19.7		1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101	70-122	
460-00-4	4-Bromofluorobenzene	102	69-135	
2037-26-5	Toluene-d8 (Surr)	100	69-125	

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19261.d
Report Date: 26-May-2010 10:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19261.d
Lab Smp Id: LCS
Inj Date : 24-MAY-2010 19:40
Operator : Inst ID: VOAMS4.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:09 vibha Quant Type: ISTD
Cal Date : 24-MAY-2010 19:15 Cal File: d19260.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.298	1.298	(0.274)	119469	18.4960	18
3 Chloromethane	50	1.390	1.371	(0.293)	106583	18.5255	18
4 Vinyl Chloride	62	1.469	1.457	(0.310)	123224	18.6535	19
6 Bromomethane	94	1.664	1.646	(0.351)	96588	18.8410	19
5 Chloroethane	64	1.725	1.719	(0.364)	72179	18.7823	19
7 Trichlorofluoromethane	101	1.865	1.841	(0.394)	195168	18.4125	18
8 n-Pentane	72	1.810	1.798	(0.382)	19004	20.0281	20
10 Isoprene	67	2.011	2.005	(0.425)	146304	20.6863	21
11 Ethyl Ether	59	2.030	2.017	(0.429)	84982	19.6421	20
13 Acrolein	56	2.402	2.389	(0.507)	43932	36.0874	36
15 1,1-Dichloroethene	96	2.170	2.158	(0.458)	100241	20.2340	20
14 Freon TF	101	2.219	2.212	(0.468)	118870	20.2118	20
16 Acetone	58	2.627	2.621	(0.555)	22075	28.5578	28
17 Iodomethane	142	2.268	2.255	(0.479)	241209	19.4949	19
18 Carbon Disulfide	76	2.182	2.176	(0.461)	356510	19.8764	20
19 Isopropanol	45	2.566	2.548	(0.542)	1440124	2941.08	2900

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19261.d
Report Date: 26-May-2010 10:02

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	21 Acetonitrile	39	2.969	2.968	(0.627)	53726	363.543	360
	27 Methyl Acetate	74	2.713	2.700	(0.573)	30342	18.9926	19
	22 Methylene Chloride	84	2.578	2.566	(0.544)	120631	19.5575	20
	24 TBA	59	2.908	2.895	(0.614)	275643	390.591	390
	25 trans-1,2-Dichloroethene	96	2.688	2.682	(0.568)	110435	20.4925	20
	26 Acrylonitrile	53	3.206	3.200	(0.677)	43937	18.0611	18
	28 MTBE	73	2.792	2.779	(0.589)	328920	19.2201	19
	29 Hexane	56	2.743	2.737	(0.579)	71812	19.6992	20
	30 1,1-Dichloroethane	63	3.158	3.145	(0.667)	172456	19.7047	20
	31 Vinyl Acetate	43	3.371	3.365	(0.712)	167637	18.6191	19
	32 DIPE	45	3.078	3.072	(0.650)	314601	19.3601	19
	35 t-Butyl-ethyl-ether	59	3.371	3.359	(0.712)	440757	23.1880	23
	37 2,2-Dichloropropane	77	3.700	3.682	(0.781)	160243	19.4818	19
	36 cis-1,2-Dichloroethene	96	3.590	3.584	(0.758)	118282	19.6781	20
	38 2-Butanone	72	4.109	4.108	(0.867)	20477	20.0331	20
	39 Ethyl Acetate	70	3.956	3.950	(0.835)	25886	38.3866	38
	40 Bromochloromethane	128	3.755	3.749	(0.793)	65837	19.5688	20
	41 Tetrahydrofuran	42	3.962	3.956	(0.837)	48727	18.9290	19
	42 Chloroform	83	3.834	3.828	(0.810)	189589	19.5119	20
	43 1,1,1-Trichloroethane	97	4.005	3.993	(0.846)	172728	19.4440	19
	44 Cyclohexane	56	3.761	3.749	(0.794)	168535	20.0924	20
	45 Carbon Tetrachloride	117	3.944	3.938	(0.833)	183276	20.0063	20
	46 1,1-Dichloropropene	75	4.103	4.096	(0.866)	125778	20.1718	20
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.468	4.462	(0.943)	38626	50.3697	50
	48 Benzene	78	4.334	4.328	(0.535)	393590	19.8982	20
	49 1,2-Dichloroethane	62	4.529	4.523	(0.956)	142190	19.1139	19
	51 n-Heptane	57	4.322	4.316	(0.912)	55203	19.3517	19
	50 t-Amyl-methyl-ether	73	4.468	4.462	(0.943)	290653	19.0546	19
	61 Isopropyl Acetate	43	4.828	4.816	(1.019)	384775	37.6534	38
*	52 Fluorobenzene	96	4.737	4.730	(1.000)	871861	50.0000	
	54 Trichloroethene	95	4.901	4.895	(1.035)	105152	20.1012	20
	53 n-Butanol	56	5.340	5.334	(1.127)	263940	1445.29	1400
	56 Methyl cyclohexane	83	4.883	4.883	(1.031)	170840	20.4622	20
	55 Ethyl Acrylate	55	5.523	5.517	(1.166)	123100	18.5078	18
	57 1,2-Dichloropropane	63	5.444	5.437	(1.149)	90978	19.1984	19
	58 Dibromomethane	93	5.334	5.328	(1.126)	71076	19.3970	19
	59 Methyl Methacrylate	100	5.755	5.742	(1.215)	30730	18.5250	18
	75 Propyl Acetate	43	5.925	5.919	(1.251)	278952	37.1241	37
	68 Bromodichloromethane	83	5.529	5.529	(1.167)	138994	19.2627	19
	62 2-Chloroethyl Vinyl Ether	63	6.218	6.218	(1.313)	58667	19.5914	20
	63 Epichlorohydrin	57	6.572	6.565	(0.811)	239978	376.756	380
	67 cis-1,3-Dichloropropene	75	6.255	6.248	(0.771)	143751	19.3149	19
	70 4-Methyl-2-Pentanone	43	7.023	7.023	(0.866)	105090	19.3312	19
$	65 Toluene-d8 (SUR)	98	6.474	6.468	(0.798)	754869	50.1773	50
	66 Toluene	91	6.529	6.529	(0.805)	410213	19.8524	20
	64 trans-1,3-Dichloropropene	75	7.047	7.041	(0.869)	133852	19.0019	19
	69 1,1,2-Trichloroethane	83	7.212	7.212	(0.889)	73879	19.0573	19

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19261.d
Report Date: 26-May-2010 10:02

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	71 Tetrachloroethene	166	6.974	6.968	(0.860)	117504	20.1387	20
	72 1,3-Dichloropropane	76	7.486	7.486	(0.923)	142009	19.1246	19
	73 2-Hexanone	43	7.894	7.894	(0.974)	77739	19.0971	19
	74 Dibromochloromethane	129	7.382	7.382	(0.911)	108921	19.4216	19
	76 Butyl Acetate	73	7.833	7.833	(0.966)	53930	36.7482	37
	77 1,2-Dibromoethane	107	7.596	7.596	(0.937)	98319	19.2830	19
*	78 Chlorobenzene-d5	117	8.108	8.102	(1.000)	701271	50.0000	
	79 Chlorobenzene	112	8.120	8.120	(1.002)	273583	19.3214	19
	80 1,1,1,2-Tetrachloroethane	131	8.193	8.193	(1.011)	117314	19.2134	19
	81 Ethylbenzene	106	8.169	8.169	(1.008)	140197	19.8217	20
	82 m+p-Xylene	106	8.309	8.309	(1.025)	346885	39.1430	39
	84 o-Xylene	106	8.681	8.681	(1.071)	171417	19.5020	20
	85 Styrene	104	8.730	8.730	(1.077)	276446	19.4058	19
	83 Butyl Acrylate	73	8.888	8.888	(1.096)	75148	18.4839	18
	86 Bromoform	173	8.730	8.730	(1.077)	90510	19.0189	19
	87 Amyl Acetate	43	9.108	9.107	(0.907)	177835	18.9380	19
	88 Isopropylbenzene	105	8.955	8.955	(1.105)	462033	19.9683	20
$	89 Bromofluorobenzene (SUR)	174	9.175	9.175	(0.913)	350149	51.1758	51
	90 Camphene (total)	93	9.034	9.034	(1.114)	159842	20.2251	20
	91 Bromobenzene	156	9.242	9.242	(0.920)	138714	19.5555	20
	92 1,1,2,2-Tetrachloroethane	83	9.370	9.370	(0.933)	136220	18.7337	19
	93 1,2,3-Trichloropropane	110	9.455	9.455	(0.941)	45594	18.9189	19
	94 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(0.946)	38960	19.3701	19
	95 n-Propylbenzene	91	9.297	9.296	(0.925)	547898	20.0455	20
	96 2-Chlorotoluene	91	9.400	9.400	(0.936)	332003	20.0557	20
	97 1,3,5-Trimethylbenzene	105	9.461	9.461	(0.942)	404648	19.9474	20
	98 4-Chlorotoluene	91	9.540	9.534	(0.950)	331445	19.4515	19
	99 Butyl Methacrylate	87	9.723	9.723	(0.968)	137265	19.0184	19
	100 tert-Butylbenzene	119	9.705	9.705	(0.966)	328055	20.0047	20
	101 1,2,4-Trimethylbenzene	105	9.760	9.760	(0.971)	428459	19.8799	20
	102 2-Octanone	43	10.168	10.168	(1.012)	189445	19.0698	19
	103 sec-Butylbenzene	105	9.839	9.839	(0.979)	526099	20.4259	20
	104 2-Octanol	45	10.046	10.046	(1.000)	64421	17.7271	18(R)
	105 1,3-Dichlorobenzene	146	9.986	9.991	(0.994)	266526	19.8395	20
	107 p-Isopropyltoluene	119	9.961	9.961	(0.992)	449300	20.1363	20
*	108 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	419732	50.0000	
	109 1,4-Dichlorobenzene	146	10.059	10.059	(1.001)	270172	19.7551	20
	110 Benzyl Chloride	91	10.272	10.272	(1.022)	707404	19.7555	20
	106 n-Butylbenzene	91	10.272	10.272	(1.022)	707889	19.7811	20
	111 1,2-Dichlorobenzene	146	10.370	10.369	(1.032)	266636	19.4724	19
	112 1,2-Dibromo-3-chloropropane	75	10.961	10.961	(1.091)	28866	19.0357	19
	113 Camphor	95	11.650	11.650	(1.160)	77491	93.0800	93
	114 1,2,4-Trichlorobenzene	180	11.443	11.442	(1.139)	214223	19.7194	20
	115 Hexachlorobutadiene	225	11.430	11.430	(1.138)	94917	20.1752	20
	116 Naphthalene	128	11.674	11.674	(1.162)	515998	19.1117	19
	117 1,2,3-Trichlorobenzene	180	11.802	11.802	(1.175)	209747	19.5429	20
M	120 1,2-Dichloroethene (Total)	100				228718	40.1262	40

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19261.d
Report Date: 26-May-2010 10:02

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
M 121 Xylene (Total)	100				518302	58.6450	59

QC Flag Legend

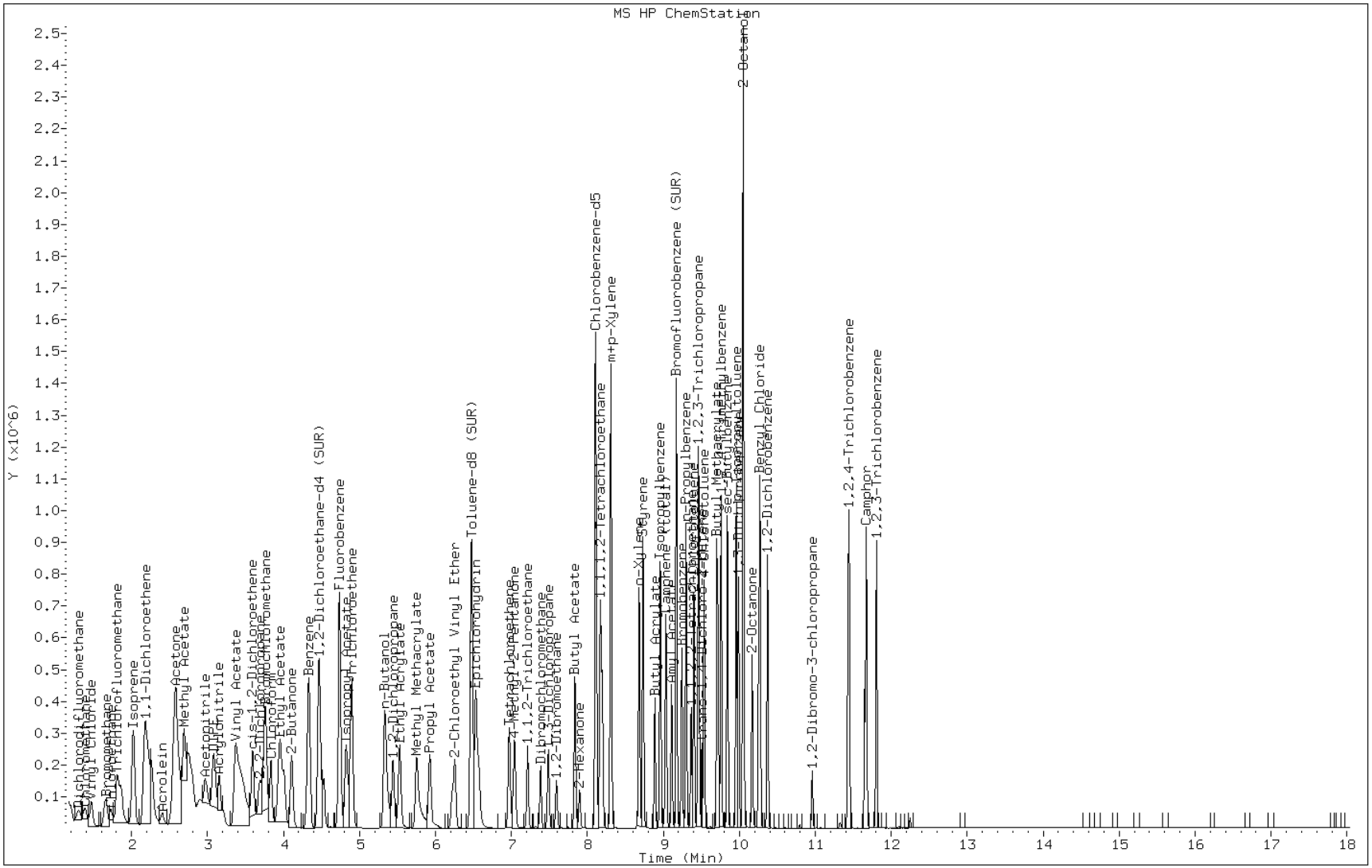
R - Spike/Surrogate failed recovery limits.

Data File: d19261.d

Date: 24-MAY-2010 19:40

Client ID: Instrument: VOAMS4.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-02 | Lab Sample ID: 460-13279-2 MS

Matrix: Water | Lab File ID: d19268.d

Analysis Method: 8260B | Date Collected: 05/18/2010 09:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/24/2010 22:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 38207 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.6		1.0	0.25
75-71-8	Dichlorodifluoromethane	19.3		1.0	0.29
74-87-3	Chloromethane	21.8		1.0	0.21
75-01-4	Vinyl chloride	21.7		1.0	0.13
74-83-9	Bromomethane	20.6		1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	23.0		1.0	0.15
95-50-1	1,2-Dichlorobenzene	20.6		1.0	0.16
75-69-4	Trichlorofluoromethane	21.0		1.0	0.16
75-35-4	1,1-Dichloroethene	21.1		1.0	0.14
78-87-5	1,2-Dichloropropane	20.2		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.0		1.0	0.28
67-64-1	Acetone	26.7		10	2.5
75-15-0	Carbon disulfide	20.7		1.0	0.15
79-20-9	Methyl acetate	16.5		2.0	0.33
75-09-2	Methylene Chloride	19.2		1.0	0.19
156-60-5	trans-1,2-Dichloroethene	20.5		1.0	0.14
124-48-1	Chlorodibromomethane	20.8		1.0	0.11
1634-04-4	Methyl tert-butyl ether	23.8		1.0	0.18
75-00-3	Chloroethane	21.2		1.0	0.45
75-34-3	1,1-Dichloroethane	20.0		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	20.7		1.0	0.20
78-93-3	2-Butanone (MEK)	21.6		10	0.82
67-66-3	Chloroform	20.1		1.0	0.15
100-41-4	Ethylbenzene	21.5		1.0	0.25
110-82-7	Cyclohexane	23.6		1.0	0.13
56-23-5	Carbon tetrachloride	20.5		1.0	0.19
71-43-2	Benzene	23.8		1.0	0.13
107-06-2	1,2-Dichloroethane	19.6		1.0	0.24
79-01-6	Trichloroethene	20.9		1.0	0.18
108-87-2	Methylcyclohexane	30.5		1.0	0.090
75-27-4	Dichlorobromomethane	20.0		1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	19.7		1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	21.7		10	0.68
108-88-3	Toluene	20.8		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	20.4		1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-02 Lab Sample ID: 460-13279-2 MS

Matrix: Water Lab File ID: d19268.d

Analysis Method: 8260B Date Collected: 05/18/2010 09:30

Sample wt/vol: 5(mL) Date Analyzed: 05/24/2010 22:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	25.3		1.0	0.10
127-18-4	Tetrachloroethene	21.8		1.0	0.20
591-78-6	2-Hexanone	21.8		10	0.55
106-93-4	1,2-Dibromoethane	20.4		1.0	0.090
108-90-7	Chlorobenzene	22.7		1.0	0.16
1330-20-7	Xylenes, Total	65.1		3.0	0.43
100-42-5	Styrene	21.0		1.0	0.13
75-25-2	Bromoform	21.1		1.0	0.10
98-82-8	Isopropylbenzene	28.8		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	21.1		1.0	0.090
541-73-1	1,3-Dichlorobenzene	20.6		1.0	0.22
106-46-7	1,4-Dichlorobenzene	20.7		1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	22.4		1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104	70-122	
460-00-4	4-Bromofluorobenzene	102	69-135	
2037-26-5	Toluene-d8 (Surr)	101	69-125	

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19268.d
Report Date: 26-May-2010 10:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19268.d
Lab Smp Id: 460-13279-B-2 MS Client Smp ID: GW-017338-051810-AC
Inj Date : 24-MAY-2010 22:57
Operator : Inst ID: VOAMS4.i
Smp Info : 460-13279-B-2 MS
Misc Info : 460-13279-B-2 MS
Comment   :
Method   : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:09 vibha Quant Type: ISTD
Cal Date : 24-MAY-2010 19:15 Cal File: d19260.d
Als bottle: 10 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.304	1.298	(0.275)	126722	19.2677	19
3 Chloromethane	50	1.402	1.371	(0.296)	127990	21.8480	22
4 Vinyl Chloride	62	1.475	1.457	(0.311)	145626	21.6502	22
6 Bromomethane	94	1.664	1.646	(0.351)	107505	20.5952	20
5 Chloroethane	64	1.725	1.719	(0.364)	83073	21.2300	21
7 Trichlorofluoromethane	101	1.865	1.841	(0.394)	226436	20.9800	21
8 n-Pentane	72	1.804	1.798	(0.381)	19302	19.9781	20
10 Isoprene	67	2.017	2.005	(0.426)	148918	20.6790	21
11 Ethyl Ether	59	2.030	2.017	(0.428)	86832	19.7102	20
13 Acrolein	56	2.401	2.389	(0.507)	44979	36.2857	36
15 1,1-Dichloroethene	96	2.164	2.158	(0.457)	106554	21.1233	21
14 Freon TF	101	2.219	2.212	(0.468)	119971	20.0338	20
16 Acetone	58	2.615	2.621	(0.552)	20999	26.6788	27
17 Iodomethane	142	2.267	2.255	(0.479)	246993	19.6050	20
18 Carbon Disulfide	76	2.188	2.176	(0.462)	377736	20.6829	21
19 Isopropanol	45	2.560	2.548	(0.540)	1480137	2968.70	3000

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19268.d
Report Date: 26-May-2010 10:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	21 Acetonitrile	39	2.975	2.968	(0.628)	80825	537.118	540(R)
	27 Methyl Acetate	74	2.719	2.700	(0.574)	26801	16.4753	16
	22 Methylene Chloride	84	2.578	2.566	(0.544)	120716	19.2210	19
	24 TBA	59	2.901	2.895	(0.613)	303617	422.529	420
	25 trans-1,2-Dichloroethene	96	2.688	2.682	(0.568)	112236	20.4539	20
	26 Acrylonitrile	53	3.206	3.200	(0.677)	54547	22.0209	22
	28 MTBE	73	2.786	2.779	(0.588)	414904	23.8105	24(R)
	29 Hexane	56	2.743	2.737	(0.579)	81017	21.8263	22
	30 1,1-Dichloroethane	63	3.157	3.145	(0.667)	178557	20.0366	20
	31 Vinyl Acetate	43	3.371	3.365	(0.712)	235543	25.6930	26
	32 DIPE	45	3.078	3.072	(0.650)	336280	20.3238	20
	35 t-Butyl-ethyl-ether	59	3.371	3.359	(0.712)	467823	24.1714	24
	37 2,2-Dichloropropane	77	3.688	3.682	(0.779)	171398	20.4649	20
	36 cis-1,2-Dichloroethene	96	3.596	3.584	(0.759)	126904	20.7345	21
	38 2-Butanone	72	4.108	4.108	(0.867)	22446	21.5663	22
	39 Ethyl Acetate	70	3.950	3.950	(0.834)	29526	42.9996	43
	40 Bromochloromethane	128	3.761	3.749	(0.794)	69417	20.2634	20
	41 Tetrahydrofuran	42	3.956	3.956	(0.835)	55550	21.1929	21
	42 Chloroform	83	3.834	3.828	(0.810)	199249	20.1390	20
	43 1,1,1-Trichloroethane	97	4.005	3.993	(0.846)	186576	20.6269	21
	44 Cyclohexane	56	3.761	3.749	(0.794)	201616	23.6059	24
	45 Carbon Tetrachloride	117	3.938	3.938	(0.831)	191354	20.5142	20
	46 1,1-Dichloropropene	75	4.108	4.096	(0.867)	142080	22.3783	22
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.462	4.462	(0.942)	40415	51.7582	52
	48 Benzene	78	4.334	4.328	(0.535)	489899	23.8102	24
	49 1,2-Dichloroethane	62	4.529	4.523	(0.956)	148613	19.6197	20
	51 n-Heptane	57	4.322	4.316	(0.912)	61182	21.0636	21
	50 t-Amyl-methyl-ether	73	4.468	4.462	(0.943)	313158	20.1625	20
	61 Isopropyl Acetate	43	4.822	4.816	(1.018)	421743	40.5323	40
*	52 Fluorobenzene	96	4.736	4.730	(1.000)	887750	50.0000	
	54 Trichloroethene	95	4.901	4.895	(1.035)	111385	20.9116	21
	53 n-Butanol	56	5.340	5.334	(1.127)	306605	1648.86	1600
	56 Methyl cyclohexane	83	4.889	4.883	(1.032)	259070	30.4745	30(R)
	55 Ethyl Acrylate	55	5.523	5.517	(1.166)	136351	20.1331	20
	57 1,2-Dichloropropane	63	5.444	5.437	(1.149)	97522	20.2109	20
	58 Dibromomethane	93	5.334	5.328	(1.126)	76462	20.4931	20
	59 Methyl Methacrylate	100	5.748	5.742	(1.214)	33860	20.0461	20
	75 Propyl Acetate	43	5.925	5.919	(1.251)	307060	40.1334	40
	68 Bromodichloromethane	83	5.535	5.529	(1.169)	147311	20.0499	20
	63 Epichlorohydrin	57	6.571	6.565	(0.810)	188085	283.876	280
	67 cis-1,3-Dichloropropene	75	6.254	6.248	(0.771)	152862	19.7454	20
	70 4-Methyl-2-Pentanone	43	7.023	7.023	(0.866)	122581	21.6773	22
$	65 Toluene-d8 (SUR)	98	6.474	6.468	(0.798)	788259	50.3723	50
	66 Toluene	91	6.535	6.529	(0.806)	446082	20.7541	21
	64 trans-1,3-Dichloropropene	75	7.047	7.041	(0.869)	149228	20.3661	20
	69 1,1,2-Trichloroethane	83	7.212	7.212	(0.889)	102021	25.2997	25(R)
	71 Tetrachloroethene	166	6.968	6.968	(0.859)	132320	21.8017	22

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19268.d
Report Date: 26-May-2010 10:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	72 1,3-Dichloropropane	76	7.486	7.486	(0.923)	154423	19.9928	20
	73 2-Hexanone	43	7.894	7.894	(0.974)	92098	21.7500	22
	74 Dibromochloromethane	129	7.388	7.382	(0.911)	121224	20.7801	21
	76 Butyl Acetate	73	7.833	7.833	(0.966)	63950	41.8920	42
	77 1,2-Dibromoethane	107	7.596	7.596	(0.937)	108308	20.4213	20
*	78 Chlorobenzene-d5	117	8.108	8.102	(1.000)	729456	50.0000	
	79 Chlorobenzene	112	8.120	8.120	(1.002)	333798	22.6631	23
	80 1,1,1,2-Tetrachloroethane	131	8.193	8.193	(1.011)	127180	20.0244	20
	81 Ethylbenzene	106	8.169	8.169	(1.008)	158273	21.5127	22
	82 m+p-Xylene	106	8.309	8.309	(1.025)	401733	43.5805	44
	84 o-Xylene	106	8.681	8.681	(1.071)	197153	21.5632	22
	85 Styrene	104	8.730	8.730	(1.077)	311822	21.0434	21
	83 Butyl Acrylate	73	8.888	8.888	(1.096)	85683	20.2608	20
	86 Bromoform	173	8.730	8.730	(1.077)	104630	21.1364	21
	87 Amyl Acetate	43	9.107	9.107	(0.907)	202556	20.6871	21
	88 Isopropylbenzene	105	8.955	8.955	(1.105)	694041	28.8363	29(R)
$	89 Bromofluorobenzene (SUR)	174	9.175	9.175	(0.913)	363166	50.9042	51
	90 Camphene (total)	93	9.034	9.034	(1.114)	38757	4.71450	4.7(R)
	91 Bromobenzene	156	9.248	9.242	(0.920)	152587	20.6301	21
	92 1,1,2,2-Tetrachloroethane	83	9.370	9.370	(0.933)	160109	21.1171	21
	93 1,2,3-Trichloropropane	110	9.455	9.455	(0.941)	51902	20.6540	21
	94 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(0.946)	42244	20.1424	20
	95 n-Propylbenzene	91	9.296	9.296	(0.925)	660280	23.1676	23
	96 2-Chlorotoluene	91	9.406	9.400	(0.936)	367174	21.2718	21
	97 1,3,5-Trimethylbenzene	105	9.461	9.461	(0.942)	465058	21.9864	22
	98 4-Chlorotoluene	91	9.540	9.534	(0.950)	376358	21.1826	21
	99 Butyl Methacrylate	87	9.723	9.723	(0.968)	151868	20.1798	20
	100 tert-Butylbenzene	119	9.705	9.705	(0.966)	386033	22.5760	22
	101 1,2,4-Trimethylbenzene	105	9.760	9.760	(0.971)	488574	21.7407	22
	102 2-Octanone	43	10.168	10.168	(1.012)	253738	24.4955	24
	103 sec-Butylbenzene	105	9.839	9.839	(0.979)	640646	23.8544	24
	104 2-Octanol	45	10.046	10.046	(1.000)	148347	39.1491	39(R)
	105 1,3-Dichlorobenzene	146	9.991	9.991	(0.995)	288718	20.6111	21
	107 p-Isopropyltoluene	119	9.961	9.961	(0.992)	517012	22.2219	22
*	108 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	437658	50.0000	
	109 1,4-Dichlorobenzene	146	10.059	10.059	(1.001)	294624	20.6606	21
	110 Benzyl Chloride	91	10.272	10.272	(1.022)	886528	23.7438	24
	106 n-Butylbenzene	91	10.272	10.272	(1.022)	913899	24.4918	24
	111 1,2-Dichlorobenzene	146	10.369	10.369	(1.032)	293444	20.5524	20
	112 1,2-Dibromo-3-chloropropane	75	10.961	10.961	(1.091)	36400	23.0201	23
	113 Camphor	95	11.650	11.650	(1.160)	148448	171.008	170(R)
	114 1,2,4-Trichlorobenzene	180	11.442	11.442	(1.139)	254165	22.4379	22
	115 Hexachlorobutadiene	225	11.430	11.430	(1.138)	102854	20.9666	21
	116 Naphthalene	128	11.674	11.674	(1.162)	6078512	215.917	220(R)
	117 1,2,3-Trichlorobenzene	180	11.802	11.802	(1.175)	243480	21.7566	22
M	120 1,2-Dichloroethene (Total)	100				239140	41.2037	41
M	121 Xylene (Total)	100				598886	65.1438	65

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19268.d
Report Date: 26-May-2010 10:10

QC Flag Legend

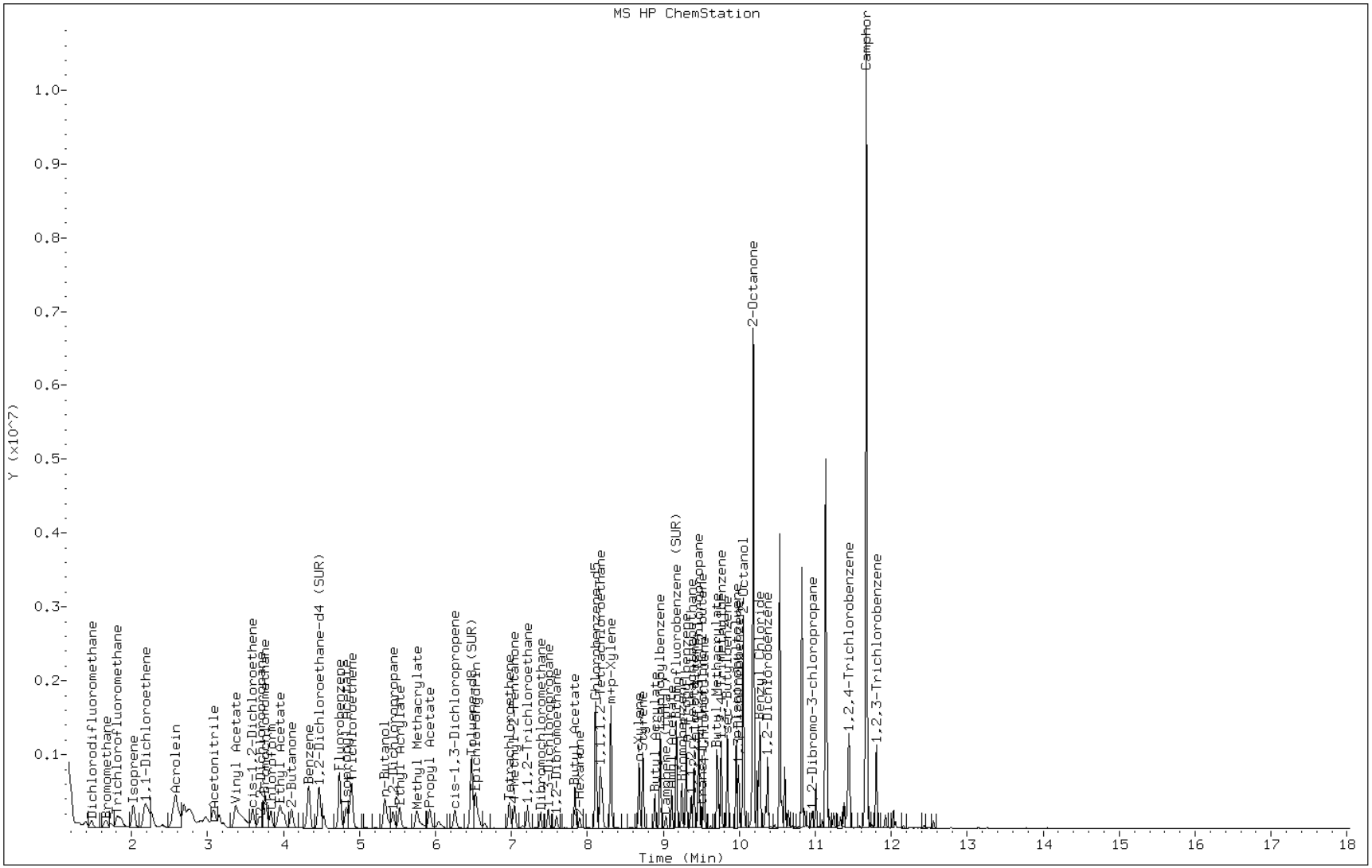
R - Spike/Surrogate failed recovery limits.

Data File: d19268.d

Date: 24-MAY-2010 22:57

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-B-2 MS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-02 | Lab Sample ID: 460-13279-2 MSD

Matrix: Water | Lab File ID: d19269.d

Analysis Method: 8260B | Date Collected: 05/18/2010 09:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/24/2010 23:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 38207 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.5		1.0	0.25
75-71-8	Dichlorodifluoromethane	16.6		1.0	0.29
74-87-3	Chloromethane	20.6		1.0	0.21
75-01-4	Vinyl chloride	20.3		1.0	0.13
74-83-9	Bromomethane	19.7		1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	22.8		1.0	0.15
95-50-1	1,2-Dichlorobenzene	21.0		1.0	0.16
75-69-4	Trichlorofluoromethane	18.7		1.0	0.16
75-35-4	1,1-Dichloroethene	19.4		1.0	0.14
78-87-5	1,2-Dichloropropane	20.5		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	15.7		1.0	0.28
67-64-1	Acetone	30.8		10	2.5
75-15-0	Carbon disulfide	19.8		1.0	0.15
79-20-9	Methyl acetate	16.4		2.0	0.33
75-09-2	Methylene Chloride	20.0		1.0	0.19
156-60-5	trans-1,2-Dichloroethene	19.9		1.0	0.14
124-48-1	Chlorodibromomethane	20.8		1.0	0.11
1634-04-4	Methyl tert-butyl ether	24.1		1.0	0.18
75-00-3	Chloroethane	19.9		1.0	0.45
75-34-3	1,1-Dichloroethane	19.8		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	20.9		1.0	0.20
78-93-3	2-Butanone (MEK)	21.4		10	0.82
67-66-3	Chloroform	20.3		1.0	0.15
100-41-4	Ethylbenzene	21.5		1.0	0.25
110-82-7	Cyclohexane	20.0		1.0	0.13
56-23-5	Carbon tetrachloride	19.1		1.0	0.19
71-43-2	Benzene	23.4		1.0	0.13
107-06-2	1,2-Dichloroethane	19.7		1.0	0.24
79-01-6	Trichloroethene	20.7		1.0	0.18
108-87-2	Methylcyclohexane	25.6		1.0	0.090
75-27-4	Dichlorobromomethane	20.3		1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	20.2		1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	22.5		10	0.68
108-88-3	Toluene	20.6		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	20.7		1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-02 Lab Sample ID: 460-13279-2 MSD

Matrix: Water Lab File ID: d19269.d

Analysis Method: 8260B Date Collected: 05/18/2010 09:30

Sample wt/vol: 5(mL) Date Analyzed: 05/24/2010 23:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38207 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-00-5	1,1,2-Trichloroethane	25.1		1.0	0.10
127-18-4	Tetrachloroethene	20.8		1.0	0.20
591-78-6	2-Hexanone	22.1		10	0.55
106-93-4	1,2-Dibromoethane	20.8		1.0	0.090
108-90-7	Chlorobenzene	22.7		1.0	0.16
1330-20-7	Xylenes, Total	65.4		3.0	0.43
100-42-5	Styrene	21.3		1.0	0.13
75-25-2	Bromoform	21.0		1.0	0.10
98-82-8	Isopropylbenzene	28.5		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	21.6		1.0	0.090
541-73-1	1,3-Dichlorobenzene	20.6		1.0	0.22
106-46-7	1,4-Dichlorobenzene	21.3		1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	22.5		1.0	0.44

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98	70-122	
460-00-4	4-Bromofluorobenzene	102	69-135	
2037-26-5	Toluene-d8 (Surr)	101	69-125	

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19269.d
Report Date: 26-May-2010 10:11

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19269.d
Lab Smp Id: 460-13279-C-2 MSD Client Smp ID: GW-017338-051810-AC
Inj Date : 24-MAY-2010 23:22
Operator : Inst ID: VOAMS4.i
Smp Info : 460-13279-C-2 MSD
Misc Info : 460-13279-C-2 MSD
Comment   :
Method   : /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/8260DE_09.m
Meth Date : 25-May-2010 11:09 vibha Quant Type: ISTD
Cal Date : 24-MAY-2010 19:15 Cal File: d19260.d
Als bottle: 11 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.298	1.298	(0.274)	111424	16.6182	17
3 Chloromethane	50	1.396	1.371	(0.295)	123227	20.6332	21
4 Vinyl Chloride	62	1.475	1.457	(0.311)	139177	20.2962	20
6 Bromomethane	94	1.664	1.646	(0.351)	104945	19.7208	20
5 Chloroethane	64	1.725	1.719	(0.364)	79239	19.8634	20
7 Trichlorofluoromethane	101	1.859	1.841	(0.392)	205274	18.6560	19
8 n-Pentane	72	1.816	1.798	(0.383)	12973	13.1710	13
10 Isoprene	67	2.018	2.005	(0.426)	127892	17.4201	17
11 Ethyl Ether	59	2.030	2.017	(0.429)	90011	20.0416	20
13 Acrolein	56	2.402	2.389	(0.507)	42641	33.7426	34
15 1,1-Dichloroethene	96	2.164	2.158	(0.457)	99631	19.3737	19
14 Freon TF	101	2.225	2.212	(0.470)	95754	15.6845	16
16 Acetone	58	2.621	2.621	(0.553)	24739	30.8301	31(M)
17 Iodomethane	142	2.267	2.255	(0.479)	248094	19.3163	19
18 Carbon Disulfide	76	2.182	2.176	(0.461)	368862	19.8112	20
19 Isopropanol	45	2.554	2.548	(0.539)	1446792	2846.40	2800(M)

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19269.d
Report Date: 26-May-2010 10:11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	21 Acetonitrile	39	2.981	2.968	(0.629)	75240	490.454	490
	27 Methyl Acetate	74	2.713	2.700	(0.573)	27159	16.3765	16
	22 Methylene Chloride	84	2.578	2.566	(0.544)	128082	20.0043	20
	24 TBA	59	2.908	2.895	(0.614)	318030	434.134	430
	25 trans-1,2-Dichloroethene	96	2.688	2.682	(0.568)	111434	19.9199	20
	26 Acrylonitrile	53	3.206	3.200	(0.677)	52694	20.8666	21
	28 MTBE	73	2.786	2.779	(0.588)	428216	24.1051	24(R)
	29 Hexane	56	2.743	2.737	(0.579)	62257	16.4520	16
	30 1,1-Dichloroethane	63	3.158	3.145	(0.667)	180041	19.8173	20
	31 Vinyl Acetate	43	3.371	3.365	(0.712)	237423	25.4035	25
	32 DIPE	45	3.084	3.072	(0.651)	345703	20.4943	20
	35 t-Butyl-ethyl-ether	59	3.371	3.359	(0.712)	395828	20.0610	20
	37 2,2-Dichloropropane	77	3.694	3.682	(0.780)	165623	19.3977	19
	36 cis-1,2-Dichloroethene	96	3.596	3.584	(0.759)	130108	20.8520	21
	38 2-Butanone	72	4.109	4.108	(0.867)	22708	21.4013	21
	39 Ethyl Acetate	70	3.956	3.950	(0.835)	30384	43.4040	43
	40 Bromochloromethane	128	3.761	3.749	(0.794)	71642	20.5135	20
	41 Tetrahydrofuran	42	3.962	3.956	(0.837)	54190	20.2792	20
	42 Chloroform	83	3.834	3.828	(0.810)	205116	20.3360	20
	43 1,1,1-Trichloroethane	97	4.005	3.993	(0.846)	179808	19.4990	19
	44 Cyclohexane	56	3.755	3.749	(0.793)	173842	19.9653	20
	45 Carbon Tetrachloride	117	3.944	3.938	(0.833)	181554	19.0918	19
	46 1,1-Dichloropropene	75	4.103	4.096	(0.866)	135007	20.8582	21
$	47 1,2-Dichloroethane-d4 (SUR)	104	4.468	4.462	(0.943)	39102	49.1203	49
	48 Benzene	78	4.334	4.328	(0.535)	489956	23.3932	23
	49 1,2-Dichloroethane	62	4.529	4.523	(0.956)	152048	19.6898	20
	51 n-Heptane	57	4.328	4.316	(0.914)	46758	15.7903	16
	50 t-Amyl-methyl-ether	73	4.474	4.462	(0.945)	323002	20.3991	20
	61 Isopropyl Acetate	43	4.828	4.816	(1.019)	432520	40.7741	41
*	52 Fluorobenzene	96	4.737	4.730	(1.000)	905035	50.0000	
	54 Trichloroethene	95	4.901	4.895	(1.035)	112459	20.7100	21
	53 n-Butanol	56	5.334	5.334	(1.126)	320001	1688.03	1700
	56 Methyl cyclohexane	83	4.889	4.883	(1.032)	222276	25.6470	26
	55 Ethyl Acrylate	55	5.523	5.517	(1.166)	145391	21.0579	21
	57 1,2-Dichloropropane	63	5.444	5.437	(1.149)	100744	20.4799	20
	58 Dibromomethane	93	5.328	5.328	(1.125)	79589	20.9238	21
	59 Methyl Methacrylate	100	5.749	5.742	(1.214)	35417	20.5674	20
	75 Propyl Acetate	43	5.925	5.919	(1.251)	321710	41.2452	41
	68 Bromodichloromethane	83	5.529	5.529	(1.167)	151923	20.2827	20
	63 Epichlorohydrin	57	6.572	6.565	(0.811)	181901	269.703	270
	67 cis-1,3-Dichloropropene	75	6.255	6.248	(0.771)	158955	20.1705	20
	70 4-Methyl-2-Pentanone	43	7.023	7.023	(0.866)	129257	22.4549	22
$	65 Toluene-d8 (SUR)	98	6.474	6.468	(0.798)	801127	50.2922	50
	66 Toluene	91	6.535	6.529	(0.806)	449677	20.5526	20
	64 trans-1,3-Dichloropropene	75	7.047	7.041	(0.869)	154704	20.7413	21
	69 1,1,2-Trichloroethane	83	7.212	7.212	(0.889)	103217	25.1451	25(R)
	71 Tetrachloroethene	166	6.968	6.968	(0.859)	128518	20.8020	21

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19269.d
Report Date: 26-May-2010 10:11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	72 1,3-Dichloropropane	76	7.486	7.486	(0.923)	161161	20.4974	20
	73 2-Hexanone	43	7.894	7.894	(0.974)	95089	22.0605	22
	74 Dibromochloromethane	129	7.382	7.382	(0.911)	123804	20.8483	21
	76 Butyl Acetate	73	7.833	7.833	(0.966)	65287	42.0139	42
	77 1,2-Dibromoethane	107	7.596	7.596	(0.937)	112157	20.7743	21
*	78 Chlorobenzene-d5	117	8.108	8.102	(1.000)	742546	50.0000	
	79 Chlorobenzene	112	8.120	8.120	(1.002)	340259	22.6945	23
	80 1,1,1,2-Tetrachloroethane	131	8.193	8.193	(1.011)	129256	19.9925	20
	81 Ethylbenzene	106	8.169	8.169	(1.008)	160716	21.4596	21
	82 m+p-Xylene	106	8.309	8.309	(1.025)	404816	43.1408	43
	84 o-Xylene	106	8.681	8.681	(1.071)	206836	22.2235	22
	85 Styrene	104	8.730	8.730	(1.077)	321629	21.3226	21
	83 Butyl Acrylate	73	8.888	8.888	(1.096)	90233	20.9605	21
	86 Bromoform	173	8.730	8.730	(1.077)	105892	21.0143	21
	87 Amyl Acetate	43	9.108	9.107	(0.907)	209034	21.0661	21
	88 Isopropylbenzene	105	8.955	8.955	(1.105)	698377	28.5049	28(R)
$	89 Bromofluorobenzene (SUR)	174	9.175	9.175	(0.913)	368739	51.0012	51
	90 Camphene (total)	93	9.034	9.034	(1.114)	33186	3.96567	4.0(R)
	91 Bromobenzene	156	9.242	9.242	(0.920)	155292	20.7179	21
	92 1,1,2,2-Tetrachloroethane	83	9.370	9.370	(0.933)	165754	21.5723	22
	93 1,2,3-Trichloropropane	110	9.455	9.455	(0.941)	53649	21.0666	21
	94 trans-1,4-Dichloro-2-butene	53	9.504	9.504	(0.946)	43221	20.3355	20
	95 n-Propylbenzene	91	9.297	9.296	(0.925)	649248	22.4790	22
	96 2-Chlorotoluene	91	9.400	9.400	(0.936)	375380	21.4593	21
	97 1,3,5-Trimethylbenzene	105	9.461	9.461	(0.942)	469781	21.9157	22
	98 4-Chlorotoluene	91	9.540	9.534	(0.950)	379519	21.0778	21
	99 Butyl Methacrylate	87	9.723	9.723	(0.968)	160054	20.9860	21
	100 tert-Butylbenzene	119	9.705	9.705	(0.966)	377934	21.8097	22
	101 1,2,4-Trimethylbenzene	105	9.760	9.760	(0.971)	497119	21.8281	22
	102 2-Octanone	43	10.168	10.168	(1.012)	265432	25.2852	25(R)
	103 sec-Butylbenzene	105	9.839	9.839	(0.979)	627865	23.0690	23
	104 2-Octanol	45	10.046	10.046	(1.000)	157489	41.0115	41(R)
	105 1,3-Dichlorobenzene	146	9.992	9.991	(0.995)	292714	20.6198	21
	107 p-Isopropyltoluene	119	9.961	9.961	(0.992)	513100	21.7618	22
*	108 1,4-Dichlorobenzene-d4	152	10.046	10.046	(1.000)	443529	50.0000	
	109 1,4-Dichlorobenzene	146	10.059	10.059	(1.001)	307147	21.2537	21
	110 Benzyl Chloride	91	10.272	10.272	(1.022)	882276	23.3172	23
	106 n-Butylbenzene	91	10.272	10.272	(1.022)	908638	24.0285	24
	111 1,2-Dichlorobenzene	146	10.370	10.369	(1.032)	304569	21.0492	21
	112 1,2-Dibromo-3-chloropropane	75	10.961	10.961	(1.091)	36592	22.8352	23
	113 Camphor	95	11.650	11.650	(1.160)	154355	175.459	180(R)
	114 1,2,4-Trichlorobenzene	180	11.443	11.442	(1.139)	258761	22.5412	22
	115 Hexachlorobutadiene	225	11.430	11.430	(1.138)	99050	19.9239	20
	116 Naphthalene	128	11.674	11.674	(1.162)	6030999	211.393	210(R)
	117 1,2,3-Trichlorobenzene	180	11.802	11.802	(1.175)	246414	21.7274	22
M	120 1,2-Dichloroethene (Total)	100				241542	40.8227	41
M	121 Xylene (Total)	100				611652	65.3643	65

Data File: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b/d19269.d
Report Date: 26-May-2010 10:11

QC Flag Legend

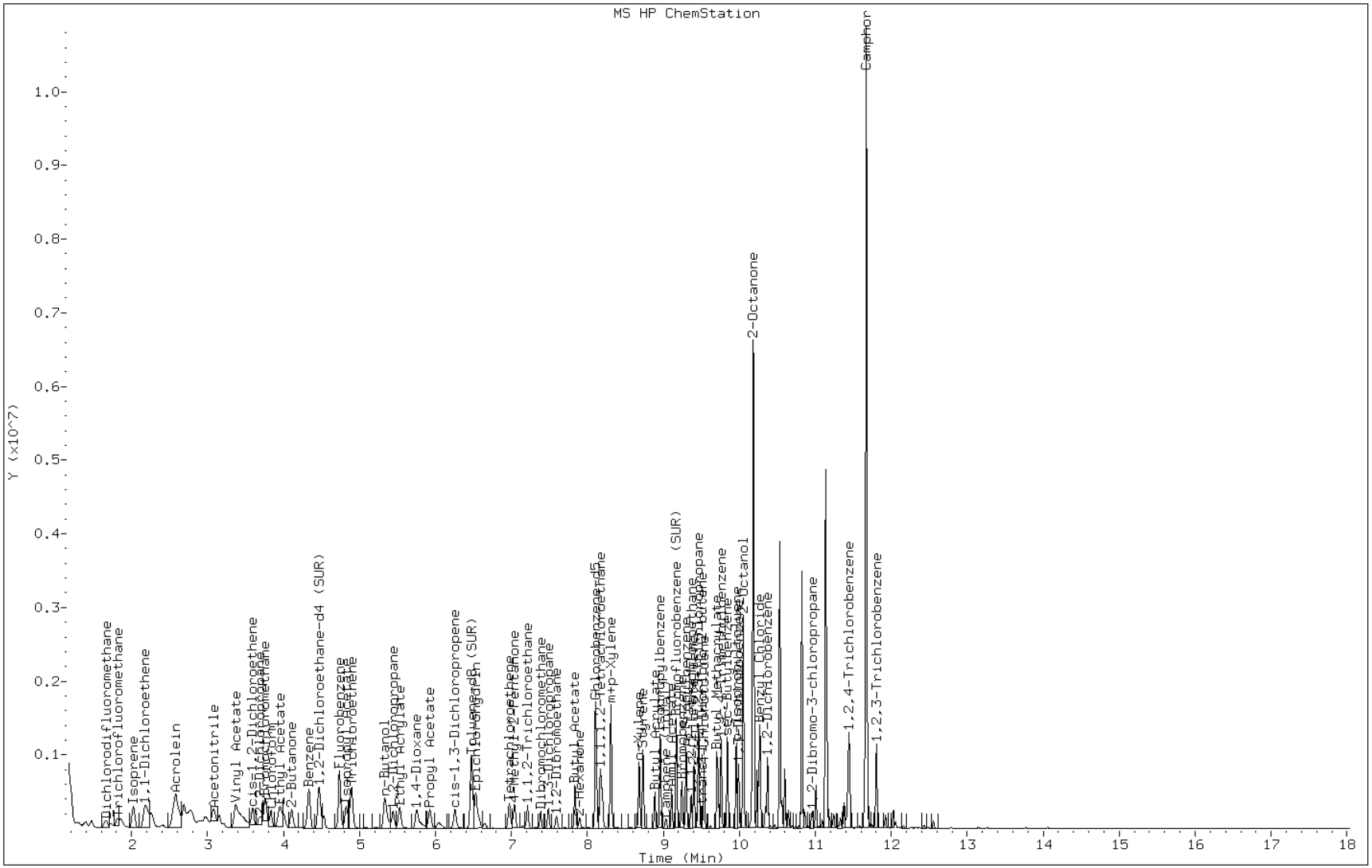
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: d19269.d

Date: 24-MAY-2010 23:22

Client ID: GW-017338-051810-AC Instrument: VOAMS4.i

Sample Info: 460-13279-C-2 MSD Operator:



Manual Integration Report

Data File: d19269.d
Inj. Date and Time: 24-MAY-2010 23:22
Instrument ID: VOAMS4.i
Client ID: GW-017338-051810-AC
Compound: 16 Acetone
CAS #: 67-64-1
Report Date: 05/26/2010

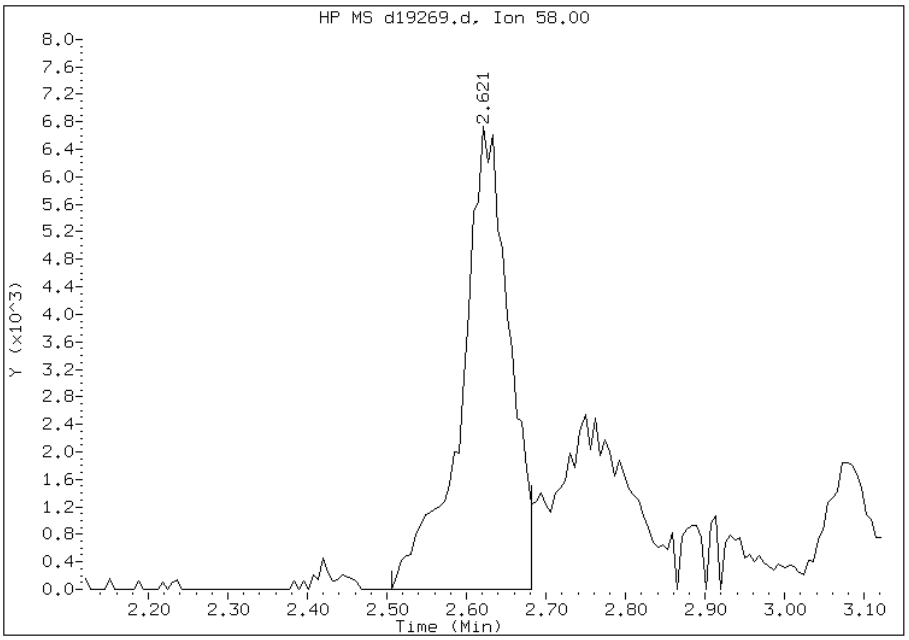
Processing Integration Results

RT: 2.62

Response: 28578

Amount: 36

Conc: 36



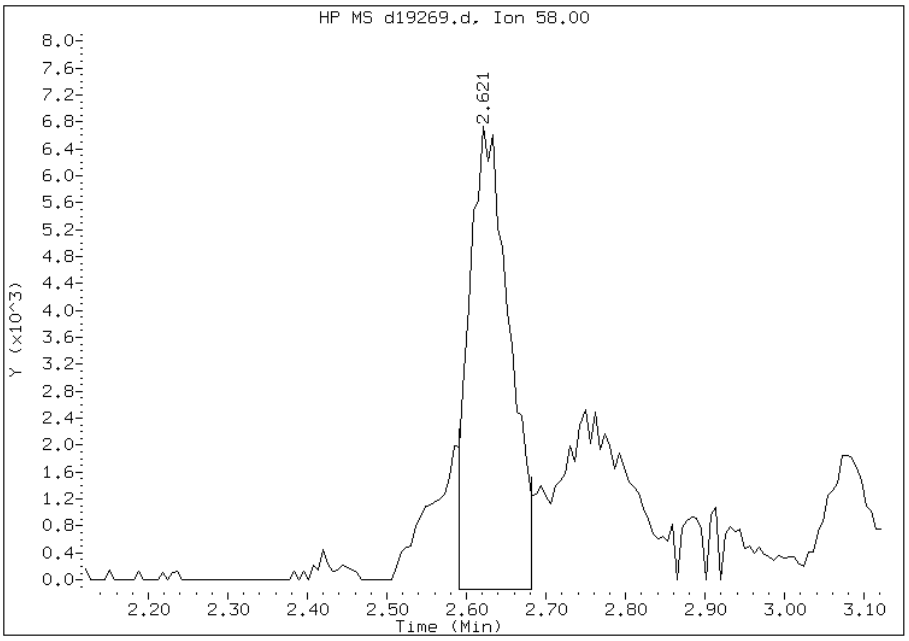
Manual Integration Results

RT: 2.62

Response: 24739

Amount: 31

Conc: 31



Manually Integrated By: delpolit
Manual Integration Reason:

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 05/21/2010 20:17

Analysis Batch Number: 38138 End Date: 05/22/2010 04:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-38138/1		05/21/2010 20:17	1	d19209.d	Rtx-624 0.25(mm)
IC 460-38138/2		05/21/2010 22:32	1	d19213.d	Rtx-624 0.25(mm)
ICIS 460-38138/3		05/21/2010 23:22	1	d19215.d	Rtx-624 0.25(mm)
IC 460-38138/4		05/21/2010 23:46	1	d19216.d	Rtx-624 0.25(mm)
IC 460-38138/5		05/22/2010 00:10	1	d19217.d	Rtx-624 0.25(mm)
IC 460-38138/6		05/22/2010 00:34	1	d19218.d	Rtx-624 0.25(mm)
IC 460-38138/7		05/22/2010 03:00	1	d19224.d	Rtx-624 0.25(mm)
ZZZZZ		05/22/2010 04:37	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Instrument ID: VOAMS4 Start Date: 05/24/2010 18:31

Analysis Batch Number: 38207 End Date: 05/25/2010 01:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-38207/1		05/24/2010 18:31	1	d19258.d	Rtx-624 0.25(mm)
CCVIS 460-38207/2		05/24/2010 19:15	1	d19260.d	Rtx-624 0.25(mm)
LCS 460-38207/3		05/24/2010 19:40	1	d19261.d	Rtx-624 0.25(mm)
MB 460-38207/4		05/24/2010 20:56	1	d19263.d	Rtx-624 0.25(mm)
460-13279-6	Trip Blank-017338-051810-ACH-06	05/24/2010 21:20	1	d19264.d	Rtx-624 0.25(mm)
460-13279-1	EB-017338-051810-ACH-01	05/24/2010 21:44	1	d19265.d	Rtx-624 0.25(mm)
460-13279-2	GW-017338-051810-ACH-02	05/24/2010 22:09	1	d19266.d	Rtx-624 0.25(mm)
460-13279-2 MS	GW-017338-051810-ACH-02 MS	05/24/2010 22:57	1	d19268.d	Rtx-624 0.25(mm)
460-13279-2 MSD	GW-017338-051810-ACH-02 MSD	05/24/2010 23:22	1	d19269.d	Rtx-624 0.25(mm)
460-13279-3	GW-017338-051810-ACH-03	05/25/2010 00:10	1	d19271.d	Rtx-624 0.25(mm)
460-13279-4	GW-017338-051810-ACH-04	05/25/2010 00:35	1	d19272.d	Rtx-624 0.25(mm)
460-13279-5	GW-017338-051810-ACH-05	05/25/2010 00:59	1	d19273.d	Rtx-624 0.25(mm)
CCV 460-38207/13		05/25/2010 01:53	1	d19275.d	Rtx-624 0.25(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260_09/05-21-10DE/21may10a.b

Date Generated: 05/24/2010

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
05/21/10 2017	d19209.d	2	BFB		0	0	1	all		8260 HIGH	G
05/21/10 2232	d19213.d	4	IC-VM8CAL2		5	0	1	all		8260 IS: /SURR 463856	G
05/21/10 2322	d19215.d	6	ICIS-VM8CAL3		5	0	1	all		SURR 500: SURR 250:	G
05/21/10 2346	d19216.d	7	IC-VM8CAL4		5	0	1	all		GAS 500: 488208 MIX 1 500: 462296	G
05/22/10 0010	d19217.d	8	IC-VM8CAL5		5	0	1	all		MIX 2 500: 462298 MIX 3: 462299	G
05/22/10 0034	d19218.d	9	IC-VM8CAL6		5	0	1	all		AC/AC: 462301	G
05/22/10 0300	d19224.d	15	IC-VM8CAL1		5	0	1	all	ICV Std	GAS SP: 488209 8260 SP: 462304 MIX 3 SP: 462300	G
05/22/10 0437	d19228.d	19	ICV		5	0	1	all		AC/AC SP: 462302 MISC: BFB 462305 Methyl Ethyl Ketone 462303	G

Signed: Samabh Desai Read and Understood by: [signature]

Date: 05/24/10 Date: 5/24/10

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b

Date Generated: 05/25/2010

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
05/24/10 1831	d19258.d	2	BFB		0	0	1	all		8260 HIGH	G
05/24/10 1851	d19259.d	1	CCVIS		5	0	1	all		8260 IS: 483155 SURR 500:	NG
05/24/10 1915	d19260.d	2	CCVIS		5	0	1	all		SURR 250:	
05/24/10 1940	d19261.d	3	LCS		5	0	1	all		GAS 500: 488208 MIX 1 500: 462296	G
05/24/10 2031	d19262.d	4	MB		5	0	1	all		MIX 2 500: 462298 MIX 3: 462299	G
05/24/10 2056	d19263.d	5	MB		5	0	1	all		AC/AC: 462307 GAS SP: 488209	NG
05/24/10 2120	d19264.d	6	460-13279-C-6	Trip Blank-017338-0	5	0	1	all	<2	8260 SP: 462304 MIX 3 SP: 462310	G
05/24/10 2144	d19265.d	7	460-13279-C-1	EB-017338-051810-AC	5	0	1	all	<2	AC/AC SP: 462312 MISC: BFB 462305 N-004 G50 E19	G
05/24/10 2209	d19266.d	8	460-13279-C-2	GW-017338-051810-AC	5	0	1	all	<2		G
05/24/10 2233	d19267.d	9	460-13279-C-2 MS	GW-017338-051810-AC	5	0	1	all	<2		G, Not used
05/24/10 2257	d19268.d	10	460-13279-B-2 MS	GW-017338-051810-AC	5	0	1	all	<2		G
05/24/10 2322	d19269.d	11	460-13279-C-2 MSD	GW-017338-051810-AC	5	0	1	all	<2		G
05/24/10 2346	d19270.d	12	BLANK		5	0	1	all			NG - cleanup
05/25/10 0010	d19271.d	13	460-13279-C-3	GW-017338-051810-AC	5	0	1	all	<2		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260_09/05-21-10DE/24may10a.b

Date Generated: 05/25/2010

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
05/25/10 0035	d19272.d	14	460-13279-C-4	GW-017338-051810-AC	5	0	1	all			G
05/25/10 0059	d19273.d	15	460-13279-C-5	GW-017338-051810-AC	5	0	1	all			G
05/25/10 0129	d19274.d	16	CCV		5	0	1	all			NG
05/25/10 0153	d19275.d	17	CCV		5	0	1	all			G

Signed: Saurabh Desai for Eddie Read and Understood by: Saurabh Desai

Date: 05/25/10 Date: 05/25/10

05/27/2010

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Method 8270 DEL

Semivolatile Organics (GC/MS) by Method 8270 (Delaware)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
EB-017338-051810-A CH-01	460-13279-1	38	26	85	82	86	95
GW-017338-051810-A CH-02	460-13279-2	36	24	82	82	100	90
GW-017338-051810-A CH-03	460-13279-3	34	25	80	79	84	90
GW-017338-051810-A CH-04	460-13279-4	31	22	76	77	80	91
GW-017338-051810-A CH-05	460-13279-5	45	29	87	85	97	99
	MB 460-37941/1-A	26	24	81	78	70	93
	LCS 460-37941/2-A	38	24	86	83	96	87
GW-017338-051810-A CH-02 MS	460-13279-2 MS	37	22	86	87	100	87
GW-017338-051810-A CH-02 MSD	460-13279-2 MSD	32	19	77	78	89	82

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	14-68
PHL = Phenol-d5 (Surr)	9-48
NBZ = Nitrobenzene-d5 (Surr)	61-120
FBP = 2-Fluorobiphenyl	61-112
TBP = 2,4,6-Tribromophenol (Surr)	50-119
TPH = Terphenyl-d14 (Surr)	41-124

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z10497.d

Lab ID: LCS 460-37941/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	100	181	181	80-154	*
Bis(2-chloroethyl)ether	100	84.0	84	76-132	
2,2'-oxybis[1-chloropropane]	100	85.6	86	71-123	
Acetophenone	100	91.2	91	81-158	
N-Nitrosodi-n-propylamine	100	88.2	88	76-117	
Hexachloroethane	100	61.1	61	58-103	
Nitrobenzene	100	74.6	75	66-118	
Isophorone	100	86.7	87	73-108	
Bis(2-chloroethoxy)methane	100	87.4	87	74-116	
Naphthalene	100	80.0	80	64-110	
4-Chloroaniline	100	44.7	45	63-105	*
Hexachlorobutadiene	100	59.7	60	61-117	*
Caprolactam	100	9.25 J	9	10-44	*
2-Methylnaphthalene	100	83.1	83	71-122	
Hexachlorocyclopentadiene	100	59.6	60	42-110	
1,1'-Biphenyl	100	88.1	88	63-123	
2-Chloronaphthalene	100	82.8	83	65-109	
2-Nitroaniline	100	89.6	90	64-114	
Dimethyl phthalate	100	92.4	92	70-131	
2,6-Dinitrotoluene	100	92.4	92	67-120	
Acenaphthylene	100	87.2	87	60-119	
3-Nitroaniline	100	63.3	63	62-111	
Acenaphthene	100	88.1	88	67-114	
Dibenzofuran	100	88.0	88	71-115	
2,4-Dinitrotoluene	100	92.9	93	71-119	
Diethyl phthalate	100	93.6	94	66-116	
Fluorene	100	90.2	90	72-130	
4-Chlorophenyl phenyl ether	100	88.8	89	70-115	
4-Nitroaniline	100	88.9	89	61-110	
N-Nitrosodiphenylamine	100	96.1	96	69-114	
4-Bromophenyl phenyl ether	100	86.9	87	71-118	
Hexachlorobenzene	100	86.0	86	73-120	
Atrazine	100	88.2	88	47-129	
Phenanthrene	100	89.2	89	65-114	
Anthracene	100	89.8	90	65-113	
Carbazole	100	93.5	93	64-110	
Di-n-butyl phthalate	100	93.9	94	53-120	
Fluoranthene	100	94.4	94	67-115	
Pyrene	100	85.3	85	64-127	
Butyl benzyl phthalate	100	90.2	90	56-126	
3,3'-Dichlorobenzidine	100	95.7	96	64-132	
Benzo[a]anthracene	100	91.4	91	65-125	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z10497.d

Lab ID: LCS 460-37941/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chrysene	100	93.0	93	66-130	
Bis(2-ethylhexyl) phthalate	100	89.5	89	30-134	
Di-n-octyl phthalate	100	92.5	93	39-117	
Benzo[b]fluoranthene	100	86.0	86	60-112	
Benzo[k]fluoranthene	100	93.1	93	46-119	
Benzo[a]pyrene	100	84.1	84	47-98	
Indeno[1,2,3-cd]pyrene	100	89.1	89	54-117	
Dibenz(a,h)anthracene	100	89.0	89	51-112	
Benzo[g,h,i]perylene	100	88.7	89	46-113	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z10499.d

Lab ID: 460-13279-2 MS Client ID: GW-017338-051810-ACH-02 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Benzaldehyde	103	10 U	177	172	80-154	F
Bis(2-chloroethyl)ether	103	1.0 U	86.3	84	76-132	
2,2'-oxybis[1-chloropropane]	103	10 U	89.3	87	71-123	
Acetophenone	103	10 U	95.0	92	81-158	
N-Nitrosodi-n-propylamine	103	1.0 U	92.1	89	76-117	
Hexachloroethane	103	1.0 U	71.1	69	58-103	
Nitrobenzene	103	1.0 U	80.9	78	66-118	
Isophorone	103	10 U	89.1	86	73-108	
Bis(2-chloroethoxy)methane	103	10 U	91.6	89	74-116	
Naphthalene	103	110	199	87	64-110	
4-Chloroaniline	103	10 U	51.3	50	63-105	F
Hexachlorobutadiene	103	2.0 U	69.3	67	61-117	
Caprolactam	103	10 U	10.2	10	10-44	
2-Methylnaphthalene	103	10 U	91.6	89	71-122	
Hexachlorocyclopentadiene	103	10 U	62.4	61	42-110	
1,1'-Biphenyl	103	10 U	94.4	92	63-123	
2-Chloronaphthalene	103	10 U	89.1	86	65-109	
2-Nitroaniline	103	20 U	92.9	90	64-114	
Dimethyl phthalate	103	10 U	94.9	92	70-131	
2,6-Dinitrotoluene	103	2.0 U	96.7	94	67-120	
Acenaphthylene	103	10 U	88.9	86	60-119	
3-Nitroaniline	103	20 U	56.4	55	62-111	F
Acenaphthene	103	10 U	98.9	96	67-114	
Dibenzofuran	103	10 U	91.5	89	71-115	
2,4-Dinitrotoluene	103	2.0 U	95.6	93	71-119	
Diethyl phthalate	103	10 U	94.0	91	66-116	
Fluorene	103	10 U	93.7	91	72-130	
4-Chlorophenyl phenyl ether	103	10 U	93.4	91	70-115	
4-Nitroaniline	103	20 U	81.8	79	61-110	
N-Nitrosodiphenylamine	103	10 U	101	98	69-114	
4-Bromophenyl phenyl ether	103	10 U	90.7	88	71-118	
Hexachlorobenzene	103	1.0 U	94.3	91	73-120	
Atrazine	103	10 U	74.9	73	47-129	
Phenanthrene	103	10 U	92.8	90	65-114	
Anthracene	103	10 U	94.7	92	65-113	
Carbazole	103	10 U	95.7	93	64-110	
Di-n-butyl phthalate	103	10 U	95.4	93	53-120	
Fluoranthene	103	10 U	100	97	67-115	
Pyrene	103	10 U	89.8	87	64-127	
Butyl benzyl phthalate	103	10 U	90.4	88	56-126	
3,3'-Dichlorobenzidine	103	20 U	85.3	83	64-132	
Benzo[a]anthracene	103	1.0 U	94.7	92	65-125	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z10499.d

Lab ID: 460-13279-2 MS Client ID: GW-017338-051810-ACH-02 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chrysene	103	10 U	96.2	93	66-130	
Bis(2-ethylhexyl) phthalate	103	10 U	90.9	88	30-134	
Di-n-octyl phthalate	103	10 U	90.2	87	39-117	
Benzo[b]fluoranthene	103	1.0 U	86.8	84	60-112	
Benzo[k]fluoranthene	103	1.0 U	93.1	90	46-119	
Benzo[a]pyrene	103	1.0 U	87.0	84	47-98	
Indeno[1,2,3-cd]pyrene	103	1.0 U	96.9	94	54-117	
Dibenz(a,h)anthracene	103	1.0 U	95.7	93	51-112	
Benzo[g,h,i]perylene	103	10 U	94.3	91	46-113	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z10500.d

Lab ID: 460-13279-2 MSD Client ID: GW-017338-051810-ACH-02 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzaldehyde	101	146	145	19	30	80-154	
Bis(2-chloroethyl)ether	101	75.5	75	13	30	76-132	F
2,2'-oxybis[1-chloropropane]	101	79.6	79	11	30	71-123	
Acetophenone	101	83.8	83	12	30	81-158	
N-Nitrosodi-n-propylamine	101	82.2	81	11	30	76-117	
Hexachloroethane	101	64.6	64	10	30	58-103	
Nitrobenzene	101	70.5	70	14	30	66-118	
Isophorone	101	78.6	78	13	30	73-108	
Bis(2-chloroethoxy)methane	101	79.7	79	14	30	74-116	
Naphthalene	101	180	70	10	30	64-110	
4-Chloroaniline	101	43.6	43	16	30	63-105	F
Hexachlorobutadiene	101	61.4	61	12	30	61-117	
Caprolactam	101	8.74 J	9	15	30	10-44	F
2-Methylnaphthalene	101	80.3	80	13	30	71-122	
Hexachlorocyclopentadiene	101	52.4	52	17	30	42-110	
1,1'-Biphenyl	101	82.8	82	13	30	63-123	
2-Chloronaphthalene	101	76.9	76	15	30	65-109	
2-Nitroaniline	101	79.7	79	15	30	64-114	
Dimethyl phthalate	101	82.4	82	14	30	70-131	
2,6-Dinitrotoluene	101	83.4	83	15	30	67-120	
Acenaphthylene	101	74.9	74	17	30	60-119	
3-Nitroaniline	101	47.1	47	18	30	62-111	F
Acenaphthene	101	84.5	84	16	30	67-114	
Dibenzofuran	101	79.5	79	14	30	71-115	
2,4-Dinitrotoluene	101	84.1	83	13	30	71-119	
Diethyl phthalate	101	82.4	82	13	30	66-116	
Fluorene	101	82.5	82	13	30	72-130	
4-Chlorophenyl phenyl ether	101	80.5	80	15	30	70-115	
4-Nitroaniline	101	71.9	71	13	30	61-110	
N-Nitrosodiphenylamine	101	89.7	89	12	30	69-114	
4-Bromophenyl phenyl ether	101	80.6	80	12	30	71-118	
Hexachlorobenzene	101	82.5	82	13	30	73-120	
Atrazine	101	66.7	66	12	30	47-129	
Phenanthrene	101	82.0	81	12	30	65-114	
Anthracene	101	83.1	82	13	30	65-113	
Carbazole	101	83.5	83	14	30	64-110	
Di-n-butyl phthalate	101	83.6	83	13	30	53-120	
Fluoranthene	101	85.4	85	16	30	67-115	
Pyrene	101	80.6	80	11	30	64-127	
Butyl benzyl phthalate	101	79.7	79	13	30	56-126	
3,3'-Dichlorobenzidine	101	76.9	76	10	30	64-132	
Benzo[a]anthracene	101	85.2	84	11	30	65-125	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Matrix: Water Level: Low Lab File ID: z10500.d

Lab ID: 460-13279-2 MSD Client ID: GW-017338-051810-ACH-02 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chrysene	101	87.2	86	10	30	66-130	
Bis(2-ethylhexyl) phthalate	101	83.5	83	8	30	30-134	
Di-n-octyl phthalate	101	79.8	79	12	30	39-117	
Benzo[b]fluoranthene	101	77.4	77	11	30	60-112	
Benzo[k]fluoranthene	101	84.6	84	10	30	46-119	
Benzo[a]pyrene	101	77.6	77	11	30	47-98	
Indeno[1,2,3-cd]pyrene	101	81.9	81	17	30	54-117	
Dibenz(a,h)anthracene	101	85.4	85	11	30	51-112	
Benzo[g,h,i]perylene	101	84.2	83	11	30	46-113	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab File ID: z10496.d Lab Sample ID: MB 460-37941/1-A

Matrix: Water Date Extracted: 05/20/2010 17:02

Instrument ID: BNAMS11 Date Analyzed: 05/21/2010 10:05

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-37941/2-A	z10497.d	05/21/2010 10:29
GW-017338-051810-ACH-02	460-13279-2	z10498.d	05/21/2010 10:58
GW-017338-051810-ACH-02 MS	460-13279-2 MS	z10499.d	05/21/2010 11:22
GW-017338-051810-ACH-02 MSD	460-13279-2 MSD	z10500.d	05/21/2010 11:47
EB-017338-051810-ACH-01	460-13279-1	z10501.d	05/21/2010 12:12
GW-017338-051810-ACH-03	460-13279-3	z10502.d	05/21/2010 12:37
GW-017338-051810-ACH-04	460-13279-4	z10503.d	05/21/2010 13:01
GW-017338-051810-ACH-05	460-13279-5	z10504.d	05/21/2010 13:26

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab File ID: z10412.d DFTPP Injection Date: 05/19/2010

Instrument ID: BNAMS11 DFTPP Injection Time: 10:19

Analysis Batch No.: 38067

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	45.6	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	38.3	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	47.3	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.4	
275	10.0 - 30.0 % of mass 198	23.1	
365	Greater than 1.0 % of mass 198	2.6	
441	Present but less than mass 443	12.2	
442	Greater than 40.0 % of mass 198	83.0	
443	17.0 - 23.0 % of mass 442	16.4	(19.7)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-38067/2	z10413.d	05/19/2010	10:37
	IC 460-38067/3	z10414.d	05/19/2010	11:10
	IC 460-38067/4	z10415.d	05/19/2010	11:35
	IC 460-38067/5	z10416.d	05/19/2010	11:59
	IC 460-38067/6	z10418.d	05/19/2010	12:49

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab File ID: z10494.d DFTPP Injection Date: 05/21/2010

Instrument ID: BNAMS11 DFTPP Injection Time: 09:10

Analysis Batch No.: 38150

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	49.8	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	39.9	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	48.8	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	5.9	
275	10.0 - 30.0 % of mass 198	22.1	
365	Greater than 1.0 % of mass 198	2.9	
441	Present but less than mass 443	10.6	
442	Greater than 40.0 % of mass 198	74.4	
443	17.0 - 23.0 % of mass 442	14.3	(19.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-38150/2	z10495.d	05/21/2010	09:28
	MB 460-37941/1-A	z10496.d	05/21/2010	10:05
	LCS 460-37941/2-A	z10497.d	05/21/2010	10:29
GW-017338-051810-ACH-02	460-13279-2	z10498.d	05/21/2010	10:58
GW-017338-051810-ACH-02 MS	460-13279-2 MS	z10499.d	05/21/2010	11:22
GW-017338-051810-ACH-02 MSD	460-13279-2 MSD	z10500.d	05/21/2010	11:47
EB-017338-051810-ACH-01	460-13279-1	z10501.d	05/21/2010	12:12
GW-017338-051810-ACH-03	460-13279-3	z10502.d	05/21/2010	12:37
GW-017338-051810-ACH-04	460-13279-4	z10503.d	05/21/2010	13:01
GW-017338-051810-ACH-05	460-13279-5	z10504.d	05/21/2010	13:26
	CCV 460-38152/1	z10505.d	05/21/2010	13:51

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Sample No.: CCVIS 460-38150/2 Date Analyzed: 05/21/2010 09:28

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z10495.d Heated Purge: (Y/N) N

Calibration ID: 6272

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		768950	4.49	2705545	5.77	1186688	7.53
UPPER LIMIT		1537900	4.99	5411090	6.27	2373376	8.03
LOWER LIMIT		384475	3.99	1352773	5.27	593344	7.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-37941/1-A		921796	4.48	3508888	5.77	1680193	7.52
LCS 460-37941/2-A		786880	4.49	2789278	5.77	1230620	7.52
460-13279-2	GW-017338-051810-ACH-02	773071	4.49	2802928	5.77	1302294	7.52
460-13279-2 MS	GW-017338-051810-ACH-02 MS	766458	4.49	2672879	5.77	1162921	7.52
460-13279-2 MSD	GW-017338-051810-ACH-02 MSD	725795	4.49	2572769	5.77	1144646	7.52
460-13279-1	EB-017338-051810-ACH-01	834596	4.49	3081927	5.77	1402529	7.52
460-13279-3	GW-017338-051810-ACH-03	883692	4.49	3312069	5.77	1566799	7.52
460-13279-4	GW-017338-051810-ACH-04	872660	4.49	3279096	5.77	1503630	7.52
460-13279-5	GW-017338-051810-ACH-05	831057	4.49	3030315	5.77	1404405	7.52

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Sample No.: CCVIS 460-38150/2 Date Analyzed: 05/21/2010 09:28

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): z10495.d Heated Purge: (Y/N) N

Calibration ID: 6272

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1261401	9.00	534979	11.80	357195	13.76
UPPER LIMIT		2522802	9.50	1069958	12.30	714390	14.26
LOWER LIMIT		630701	8.50	267490	11.30	178598	13.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-37941/1-A		1998203	9.00	854531	11.80	535506	13.76
LCS 460-37941/2-A		1365992	9.00	638392	11.80	432132	13.76
460-13279-2	GW-017338-051810-ACH-02	1481609	9.00	676760	11.80	447930	13.76
460-13279-2 MS	GW-017338-051810-ACH-02 MS	1269490	9.00	608119	11.80	441067	13.76
460-13279-2 MSD	GW-017338-051810-ACH-02 MSD	1225345	9.00	555307	11.80	407191	13.75
460-13279-1	EB-017338-051810-ACH-01	1621089	8.99	669718	11.80	414973	13.75
460-13279-3	GW-017338-051810-ACH-03	1825872	8.99	797795	11.80	478731	13.76
460-13279-4	GW-017338-051810-ACH-04	1724538	9.00	678451	11.80	414538	13.75
460-13279-5	GW-017338-051810-ACH-05	1606208	8.99	695786	11.80	434918	13.76

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: EB-017338-051810-ACH-01 | Lab Sample ID: 460-13279-1

Matrix: Water | Lab File ID: z10501.d

Analysis Method: 8270C | Date Collected: 05/18/2010 08:40

Extract. Method: 3510C | Date Extracted: 05/20/2010 17:02

Sample wt/vol: 970(mL) | Date Analyzed: 05/21/2010 12:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U *	10	1.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.42
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.3
98-86-2	Acetophenone	10	U	10	4.4
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.33
67-72-1	Hexachloroethane	1.0	U	1.0	0.52
98-95-3	Nitrobenzene	1.0	U	1.0	0.42
78-59-1	Isophorone	10	U	10	3.7
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.6
91-20-3	Naphthalene	10	U	10	3.8
106-47-8	4-Chloroaniline	10	U *	10	2.2
87-68-3	Hexachlorobutadiene	2.1	U *	2.1	0.97
105-60-2	Caprolactam	10	U *	10	0.52
91-57-6	2-Methylnaphthalene	10	U	10	3.2
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.7
92-52-4	1,1'-Biphenyl	10	U	10	5.6
91-58-7	2-Chloronaphthalene	10	U	10	3.9
88-74-4	2-Nitroaniline	21	U	21	5.9
131-11-3	Dimethyl phthalate	10	U	10	3.4
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	0.61
208-96-8	Acenaphthylene	10	U	10	4.2
99-09-2	3-Nitroaniline	21	U	21	4.5
83-32-9	Acenaphthene	10	U	10	3.9
132-64-9	Dibenzofuran	10	U	10	3.7
121-14-2	2,4-Dinitrotoluene	2.1	U	2.1	0.44
84-66-2	Diethyl phthalate	10	U	10	3.9
86-73-7	Fluorene	10	U	10	3.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
100-01-6	4-Nitroaniline	21	U	21	4.1
86-30-6	N-Nitrosodiphenylamine	10	U	10	4.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
1912-24-9	Atrazine	10	U	10	4.9
85-01-8	Phenanthrene	10	U	10	3.7
120-12-7	Anthracene	10	U	10	3.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: EB-017338-051810-ACH-01 | Lab Sample ID: 460-13279-1

Matrix: Water | Lab File ID: z10501.d

Analysis Method: 8270C | Date Collected: 05/18/2010 08:40

Extract. Method: 3510C | Date Extracted: 05/20/2010 17:02

Sample wt/vol: 970(mL) | Date Analyzed: 05/21/2010 12:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
86-74-8	Carbazole	10	U	10	3.2
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
206-44-0	Fluoranthene	10	U	10	2.7
129-00-0	Pyrene	10	U	10	4.4
85-68-7	Butyl benzyl phthalate	10	U	10	2.9
91-94-1	3,3'-Dichlorobenzidine	21	U	21	7.2
218-01-9	Chrysene	10	U	10	3.9
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.5
117-84-0	Di-n-octyl phthalate	10	U	10	2.0
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.31
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.8

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	86	50-119	
321-60-8	2-Fluorobiphenyl	82	61-112	
367-12-4	2-Fluorophenol (Surr)	38	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	85	61-120	
4165-62-2	Phenol-d5 (Surr)	26	9-48	
1718-51-0	Terphenyl-d14 (Surr)	95	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: EB-017338-051810-ACH-01 Lab Sample ID: 460-13279-1

Matrix: Water Lab File ID: z10501.d

Analysis Method: 8270C Date Collected: 05/18/2010 08:40

Extract. Method: 3510C Date Extracted: 05/20/2010 17:02

Sample wt/vol: 970(mL) Date Analyzed: 05/21/2010 12:12

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10501.d
Report Date: 22-May-2010 01:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10501.d
Lab Smp Id: 460-13279-E-1-A Client Smp ID: EB-017338-051810-AC
Inj Date : 21-MAY-2010 12:12
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-13279-E-1-A
Misc Info : 460-13279-E-1-A
Comment   :
Method   : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/8270Cdel_08.m
Meth Date : 21-May-2010 11:00 croccom Quant Type: ISTD
Cal Date : 21-MAY-2010 09:28 Cal File: z10495.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allh20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	970.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	3.202	3.202	(0.713)	541519	19.0072	39
$ 17 Phenol-d5 (SUR)	99	4.102	4.125	(0.914)	425297	13.1782	27
* 79 1,4-Dichlorobenzene-d4	152	4.490	4.490	(1.000)	834596	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.043	5.048	(0.875)	1318840	42.5134	88
* 80 Naphthalene-d8	136	5.766	5.772	(1.000)	3081927	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.848	6.854	(0.910)	2073869	40.8076	84
* 82 Acenaphthene-d10	164	7.525	7.531	(1.000)	1402529	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.301	8.307	(1.103)	181327	42.9248	88
* 83 Phenanthrene-d10	188	8.989	8.995	(1.000)	1621089	40.0000	
$ 78 Terphenyl-d14	244	10.578	10.578	(0.897)	913959	47.6749	98
* 81 Chrysene-d12	240	11.795	11.801	(1.000)	669718	40.0000	
* 84 Perylene-d12	264	13.754	13.760	(1.000)	414973	40.0000	

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10501.d
Report Date: 22-May-2010 01:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10501.d
Lab Smp Id: 460-13279-E-1-A Client Smp ID: EB-017338-051810-AC
Inj Date : 21-MAY-2010 12:12
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-13279-E-1-A
Misc Info : 460-13279-E-1-A
Comment   :
Method   : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/8270Cdel_08.m
Meth Date : 21-May-2010 11:00 croccom Quant Type: ISTD
Cal Date : 21-MAY-2010 09:28 Cal File: z10495.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allh20.sub
Target Version: 3.50
Processing Host: hpd1

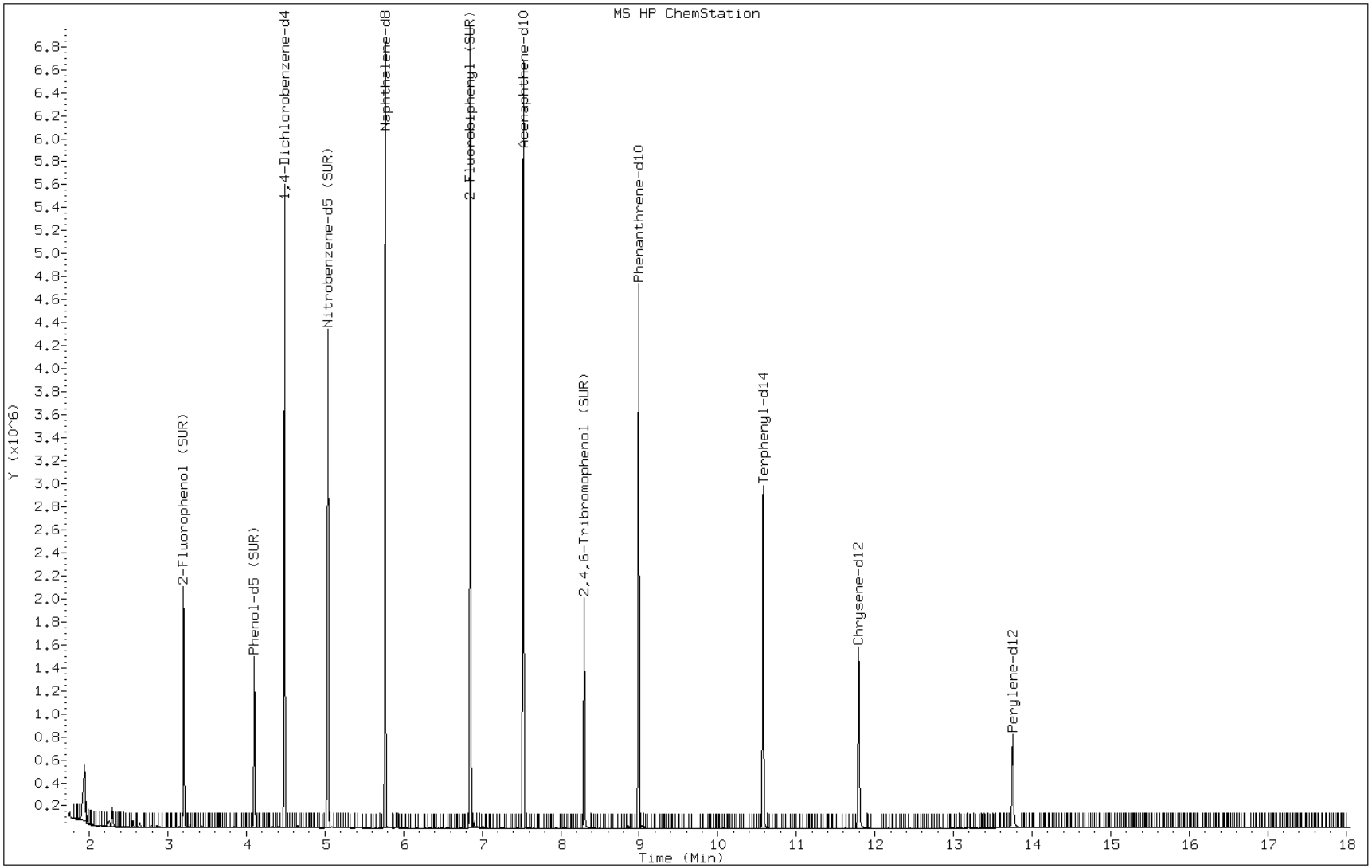
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z10501.d

Date: 21-MAY-2010 12:12

Client ID: EB-017338-051810-AC Instrument: BNAMS11.i

Sample Info: 460-13279-E-1-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-02 Lab Sample ID: 460-13279-2

Matrix: GW Lab File ID: z10498.d

Analysis Method: 8270C Date Collected: 05/18/2010 09:30

Extract. Method: 3510C Date Extracted: 05/20/2010 17:02

Sample wt/vol: 990(mL) Date Analyzed: 05/21/2010 10:58

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U *	10	1.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.2
98-86-2	Acetophenone	10	U	10	4.3
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
67-72-1	Hexachloroethane	1.0	U	1.0	0.51
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
78-59-1	Isophorone	10	U	10	3.6
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
91-20-3	Naphthalene	110		10	3.7
106-47-8	4-Chloroaniline	10	U *	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U *	2.0	0.95
105-60-2	Caprolactam	10	U *	10	0.51
91-57-6	2-Methylnaphthalene	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
92-52-4	1,1'-Biphenyl	10	U	10	5.5
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.8
131-11-3	Dimethyl phthalate	10	U	10	3.3
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.60
208-96-8	Acenaphthylene	10	U	10	4.1
99-09-2	3-Nitroaniline	20	U	20	4.4
83-32-9	Acenaphthene	10	U	10	3.8
132-64-9	Dibenzofuran	10	U	10	3.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43
84-66-2	Diethyl phthalate	10	U	10	3.9
86-73-7	Fluorene	10	U	10	3.3
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.0
100-01-6	4-Nitroaniline	20	U	20	4.0
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.0
1912-24-9	Atrazine	10	U	10	4.8
85-01-8	Phenanthrene	10	U	10	3.6
120-12-7	Anthracene	10	U	10	3.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-02 | Lab Sample ID: 460-13279-2

Matrix: GW | Lab File ID: z10498.d

Analysis Method: 8270C | Date Collected: 05/18/2010 09:30

Extract. Method: 3510C | Date Extracted: 05/20/2010 17:02

Sample wt/vol: 990(mL) | Date Analyzed: 05/21/2010 10:58

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.7
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	100	50-119	
321-60-8	2-Fluorobiphenyl	82	61-112	
367-12-4	2-Fluorophenol (Surr)	36	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	82	61-120	
4165-62-2	Phenol-d5 (Surr)	24	9-48	
1718-51-0	Terphenyl-d14 (Surr)	90	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-02 Lab Sample ID: 460-13279-2

Matrix: GW Lab File ID: z10498.d

Analysis Method: 8270C Date Collected: 05/18/2010 09:30

Extract. Method: 3510C Date Extracted: 05/20/2010 17:02

Sample wt/vol: 990(mL) Date Analyzed: 05/21/2010 10:58

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 Units: ug/L

Number TICs Found: 7 TIC Result Total: 373

CAS NO.	COMPOUND NAME	RT	RESULT	Q
496-11-7	Indane	4.67	81	J N
	Diethylbenzene isomer	4.80	14	J
	Ethyldimethylbenzene isomer	5.02	64	J
	Tetramethylbenzene isomer	5.26	41	J
	C10H12 Aromatic	5.51	61	J
	Unknown	8.40	12	J
80-05-7	Phenol, 4,4''-(1-methylethylidene)bis-	10.46	100	J N

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10498.d
Report Date: 24-May-2010 13:12

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10498.d
Lab Smp Id: 460-13279-E-2-B Client Smp ID: GW-017338-051810-AC
Inj Date : 21-MAY-2010 10:58
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-13279-E-2-B
Misc Info : 460-13279-E-2-B
Comment   :
Method   : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/8270Cdel_08.m
Meth Date : 21-May-2010 11:00 croccom Quant Type: ISTD
Cal Date : 21-MAY-2010 09:28 Cal File: z10495.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allh20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	106 1,4-Dioxane	88	1.813	1.790	(0.404)	5816	0.47471	0.96(a)
$	16 2-Fluorophenol (SUR)	112	3.202	3.202	(0.713)	478858	18.1454	37
$	17 Phenol-d5 (SUR)	99	4.102	4.125	(0.914)	356979	11.9416	24
*	79 1,4-Dichlorobenzene-d4	152	4.490	4.490	(1.000)	773071	40.0000	
$	76 Nitrobenzene-d5 (SUR)	82	5.043	5.048	(0.874)	1158614	41.0661	83
*	80 Naphthalene-d8	136	5.772	5.772	(1.000)	2802928	40.0000	
	31 Naphthalene	128	5.796	5.795	(1.004)	3946233	54.1590	110
	34 2-Methylnaphthalene	142	6.484	6.490	(1.123)	16279	0.36641	0.74(a)
	120 1-Methylnaphthalene	142	6.584	6.590	(1.141)	45931	1.05082	2.1(a)
$	77 2-Fluorobiphenyl (SUR)	172	6.848	6.854	(0.910)	1946455	41.2484	83
*	82 Acenaphthene-d10	164	7.525	7.531	(1.000)	1302294	40.0000	
	42 Acenaphthene	154	7.554	7.560	(1.004)	8450	0.23413	0.47(a)
	43 Dibenzofuran	168	7.725	7.731	(1.027)	5667	0.11260	0.23(a)
	47 Fluorene	166	8.060	8.072	(1.071)	5864	0.15955	0.32(a)
$	18 2,4,6-Tribromophenol (SUR)	330	8.301	8.307	(1.103)	196990	50.2219	100

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10498.d
Report Date: 24-May-2010 13:12

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 83 Phenanthrene-d10	188	8.995	8.995	(1.000)	1481609	40.0000	
56 Fluoranthene	202	10.189	10.195	(1.133)	4295	0.13989	0.28(a)
$ 78 Terphenyl-d14	244	10.578	10.578	(0.896)	871261	44.9747	91
* 81 Chrysene-d12	240	11.801	11.801	(1.000)	676760	40.0000	
* 84 Perylene-d12	264	13.760	13.760	(1.000)	447930	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10498.d
Report Date: 24-May-2010 13:12

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10498.d
Lab Smp Id: 460-13279-E-2-B Client Smp ID: GW-017338-051810-AC
Inj Date : 21-MAY-2010 10:58
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-13279-E-2-B
Misc Info : 460-13279-E-2-B
Comment   :
Method   : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/8270Cdel_08.m
Meth Date : 21-May-2010 11:00 croccom Quant Type: ISTD
Cal Date : 21-MAY-2010 09:28 Cal File: z10495.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allh20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

ISTD		RT	AREA	AMOUNT
* 79	1,4-Dichlorobenzene-d4	4.490	5216923	40.000
* 80	Naphthalene-d8	5.772	6219032	40.000
* 83	Phenanthrene-d10	8.995	4025670	40.000
* 81	Chrysene-d12	11.801	1908094	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
4.672	5230185	40.1016812	81	93	NIST02.l	8674	79

Indane CAS #: 496-11-7

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10498.d
Report Date: 24-May-2010 13:12

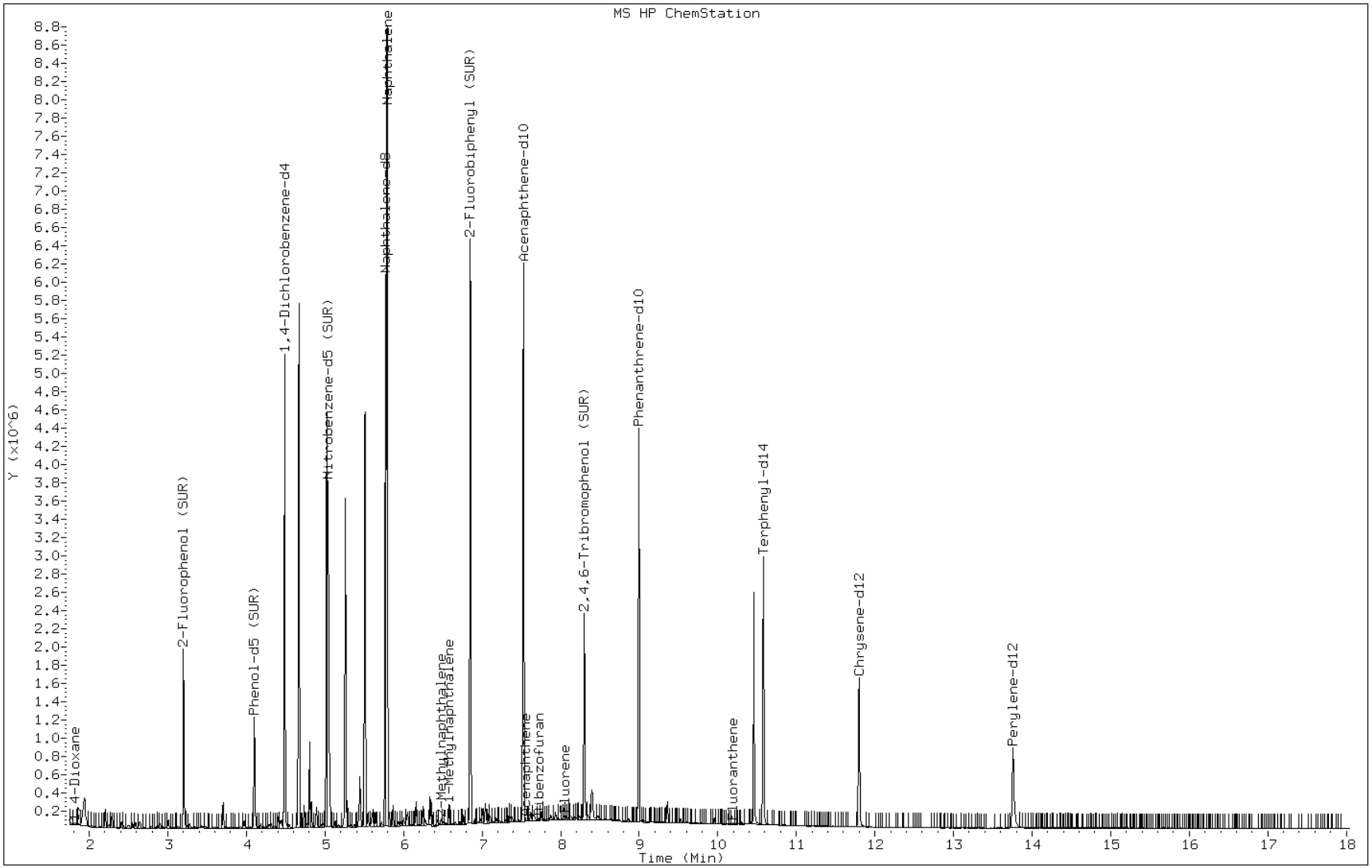
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Diethylbenzene isomer						CAS #:	
4.801	904803	6.93744211	14	0		0	79
Ethyldimethylbenzene isomer						CAS #:	
5.025	4143409	31.7689882	64	0		0	79
Tetramethylbenzene isomer						CAS #:	
5.260	3190882	20.5233340	41	0		0	80
C10H12 Aromatic						CAS #:	
5.513	4686885	30.1454268	61	0		0	80
Unknown						CAS #:	
8.401	592038	5.88263170	12	0		0	83
Phenol, 4,4'-(1-methylethylidene)bis-						CAS #: 80-05-7	
10.460	2418811	50.7063079	100	98	NIST02.l	75160	81

Data File: z10498.d

Date: 21-MAY-2010 10:58

Client ID: GW-017338-051810-AC Instrument: BNAMS11.i

Sample Info: 460-13279-E-2-B Operator: BNAMS 4



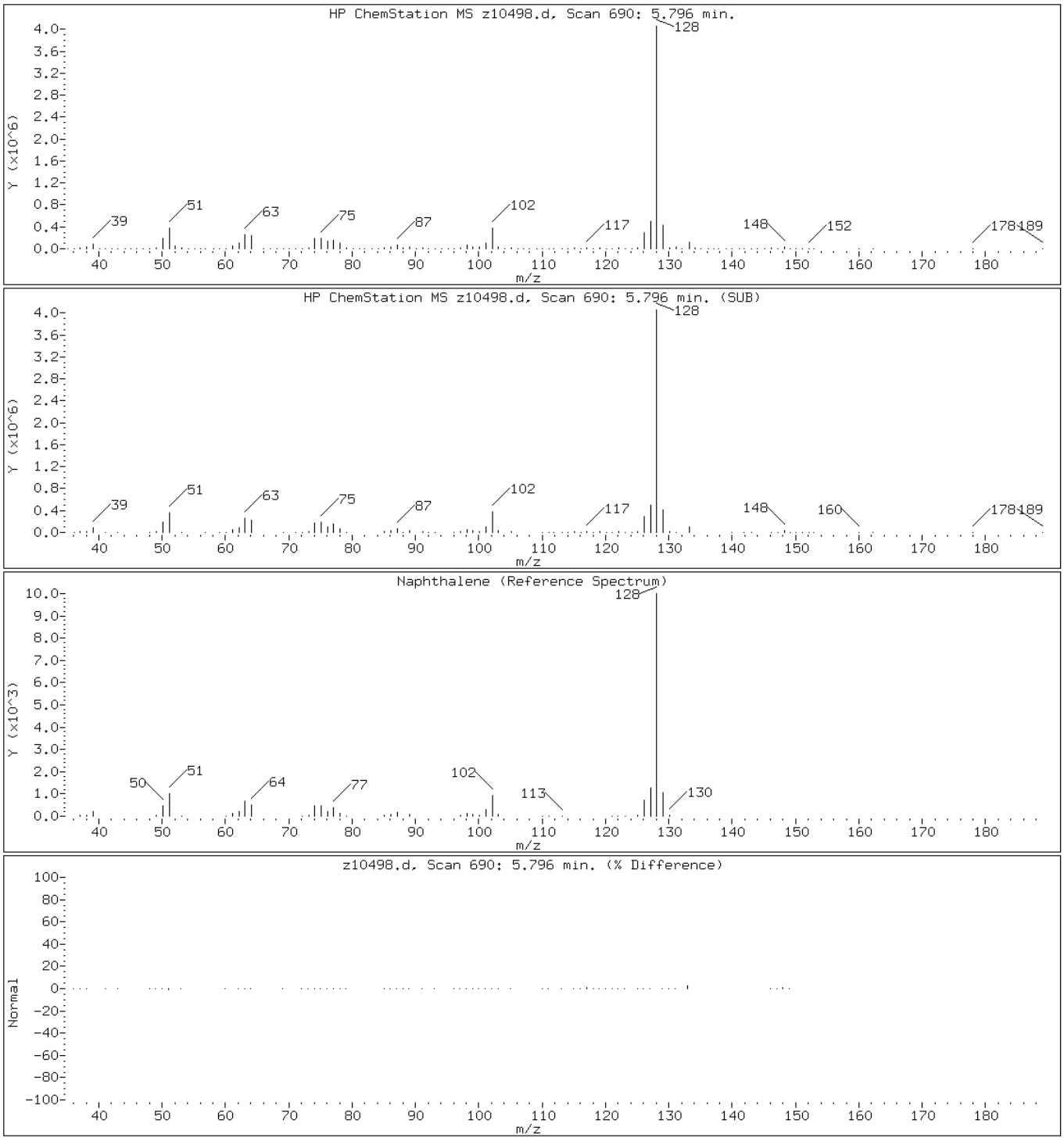
Data File: z10498.d

Date: 21-MAY-2010 10:58

Client ID: GW-017338-051810-AC Instrument: BNAMS11.i

Sample Info: 460-13279-E-2-B Operator: BNAMS 4

31 Naphthalene



Data File: z10498.d

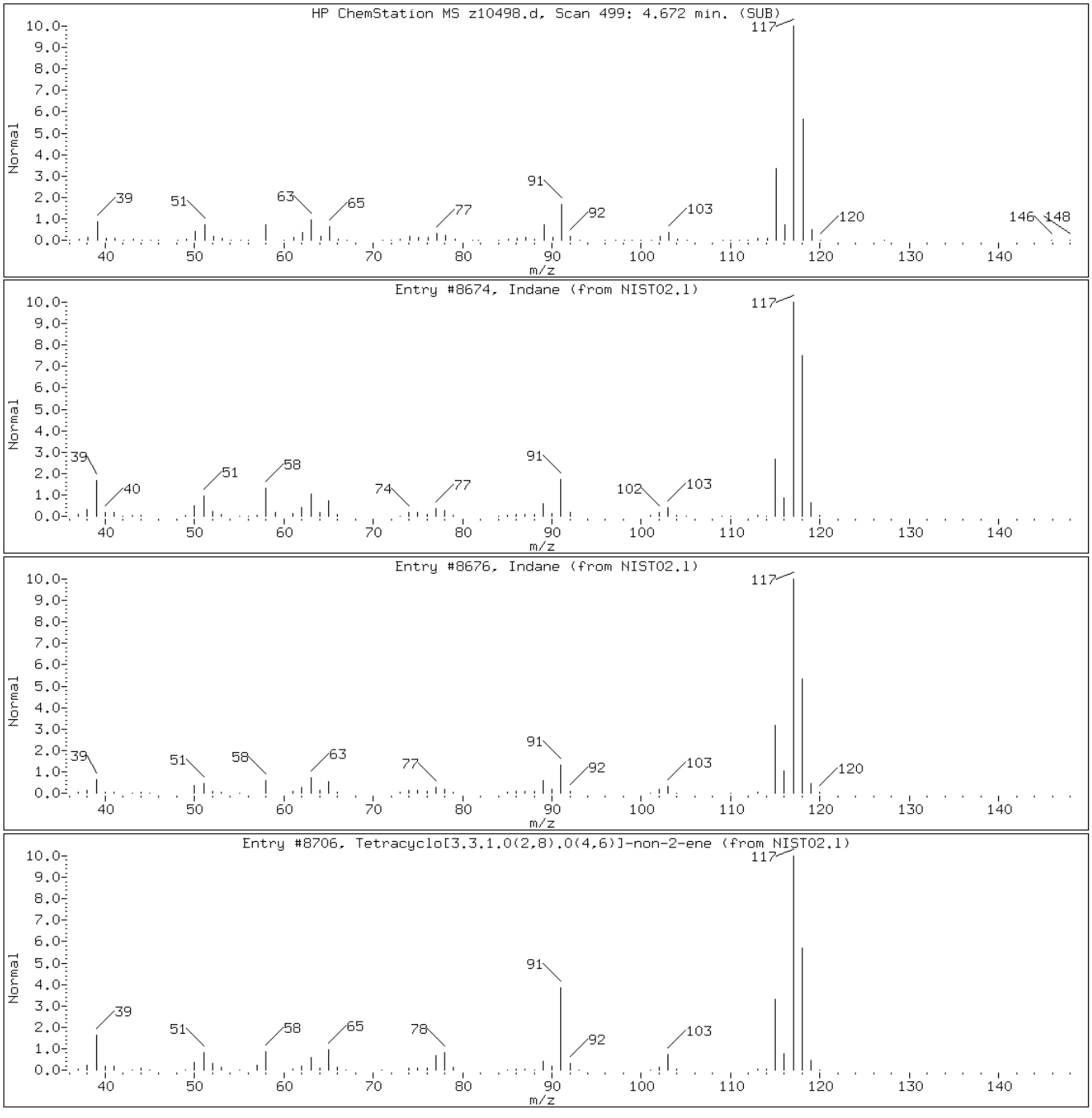
Date: 21-MAY-2010 10:58

Client ID: GW-017338-051810-AC Instrument: BNAMS11.i

Sample Info: 460-13279-E-2-B Operator: BNAMS 4

Retention Time: 4.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indane	496-11-7	NIST02.l	8674	93	C9H10	118
Indane	496-11-7	NIST02.l	8676	91	C9H10	118
Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	1000191-13-7	NIST02.l	8706	80	C9H10	118



Data File: z10498.d

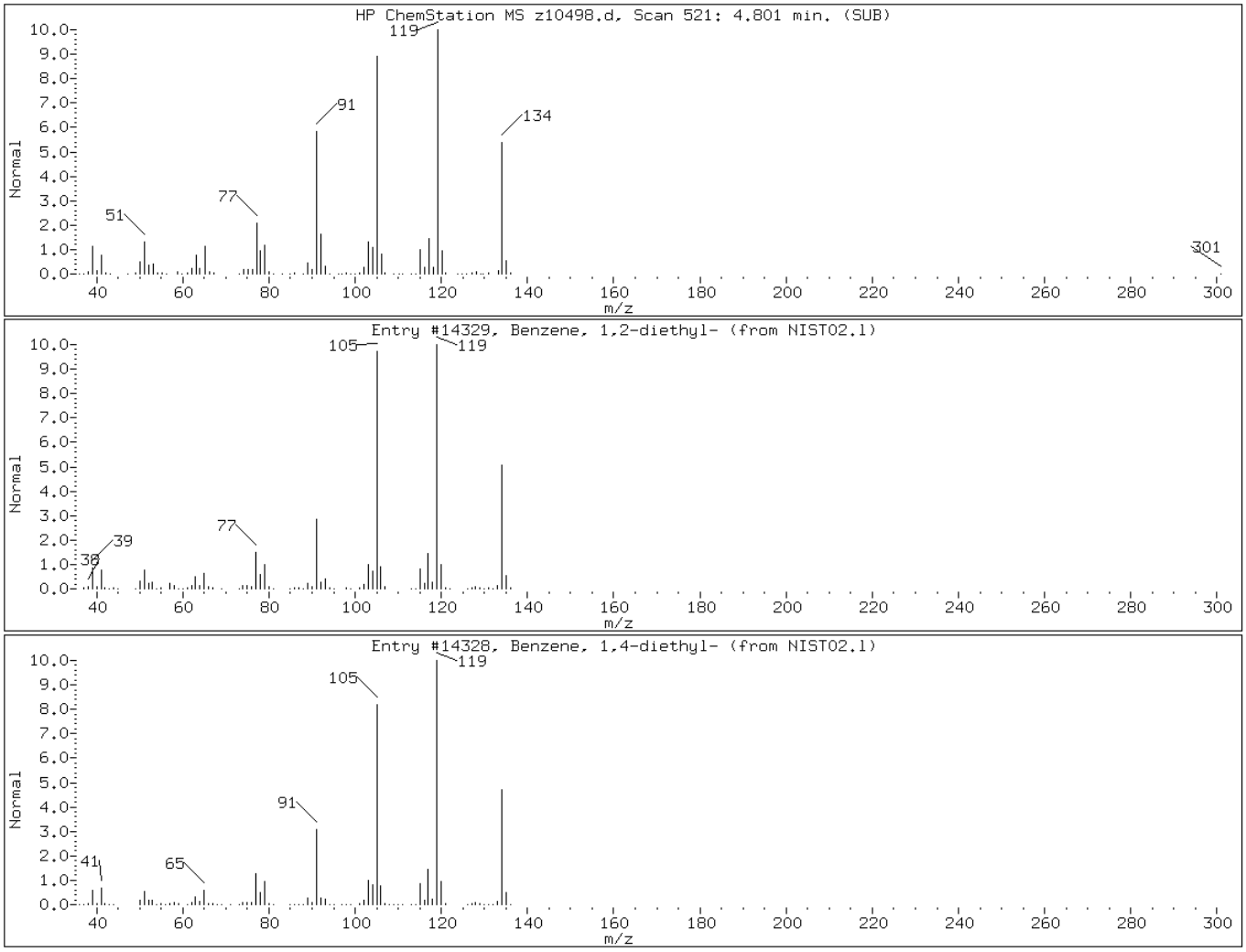
Date: 21-MAY-2010 10:58

Client ID: GW-017338-051810-AC Instrument: BNAMS11.i

Sample Info: 460-13279-E-2-B Operator: BNAMS 4

Retention Time: 4.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Diethylbenzene isomer						
Benzene, 1,2-diethyl-	135-01-3	NIST02.l	14329	96	C10H14	134
Benzene, 1,4-diethyl-	105-05-5	NIST02.l	14328	96	C10H14	134



Data File: z10498.d

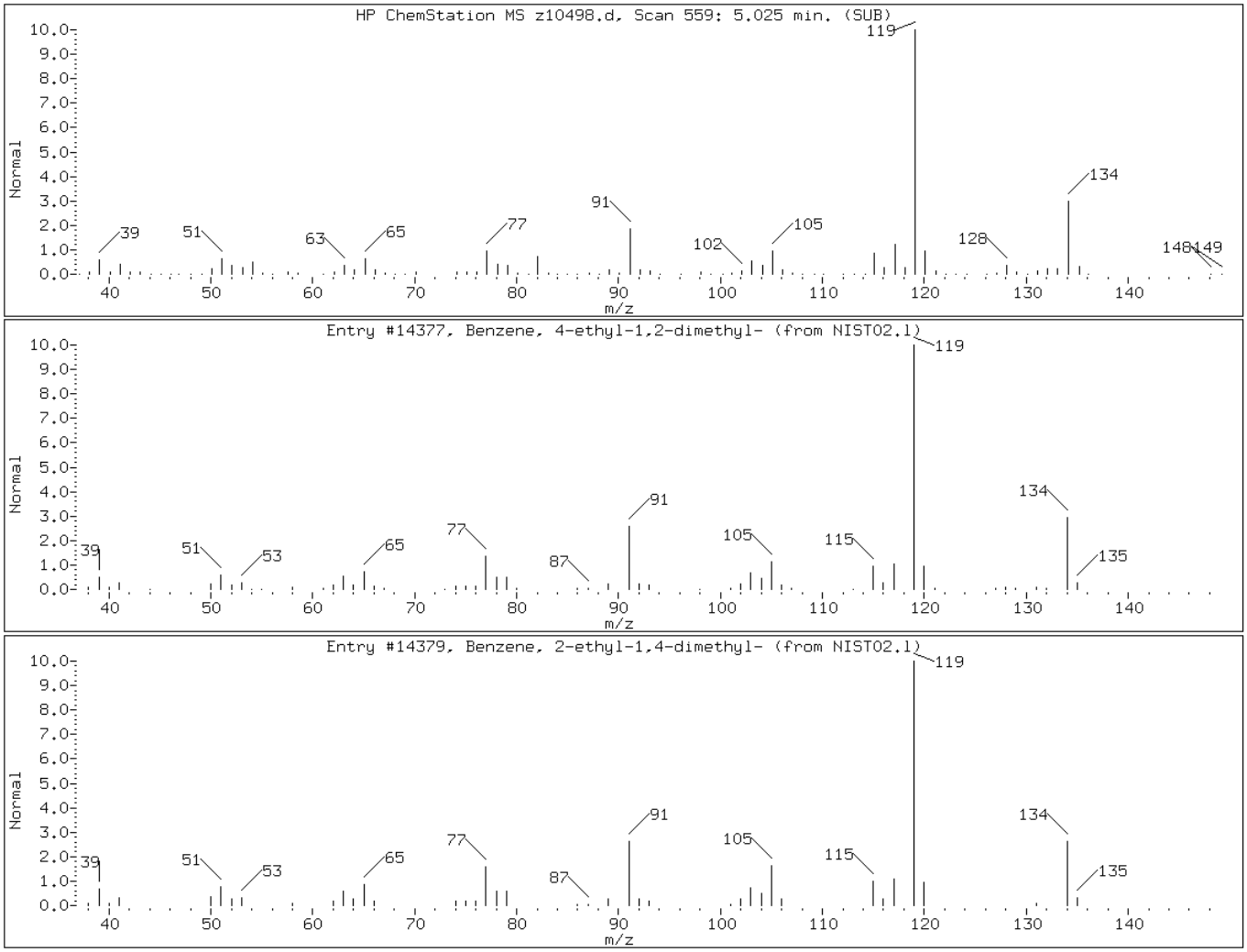
Date: 21-MAY-2010 10:58

Client ID: GW-017338-051810-AC Instrument: BNAMS11.i

Sample Info: 460-13279-E-2-B Operator: BNAMS 4

Retention Time: 5.02

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	96	C10H14	134
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14379	95	C10H14	134



Data File: z10498.d

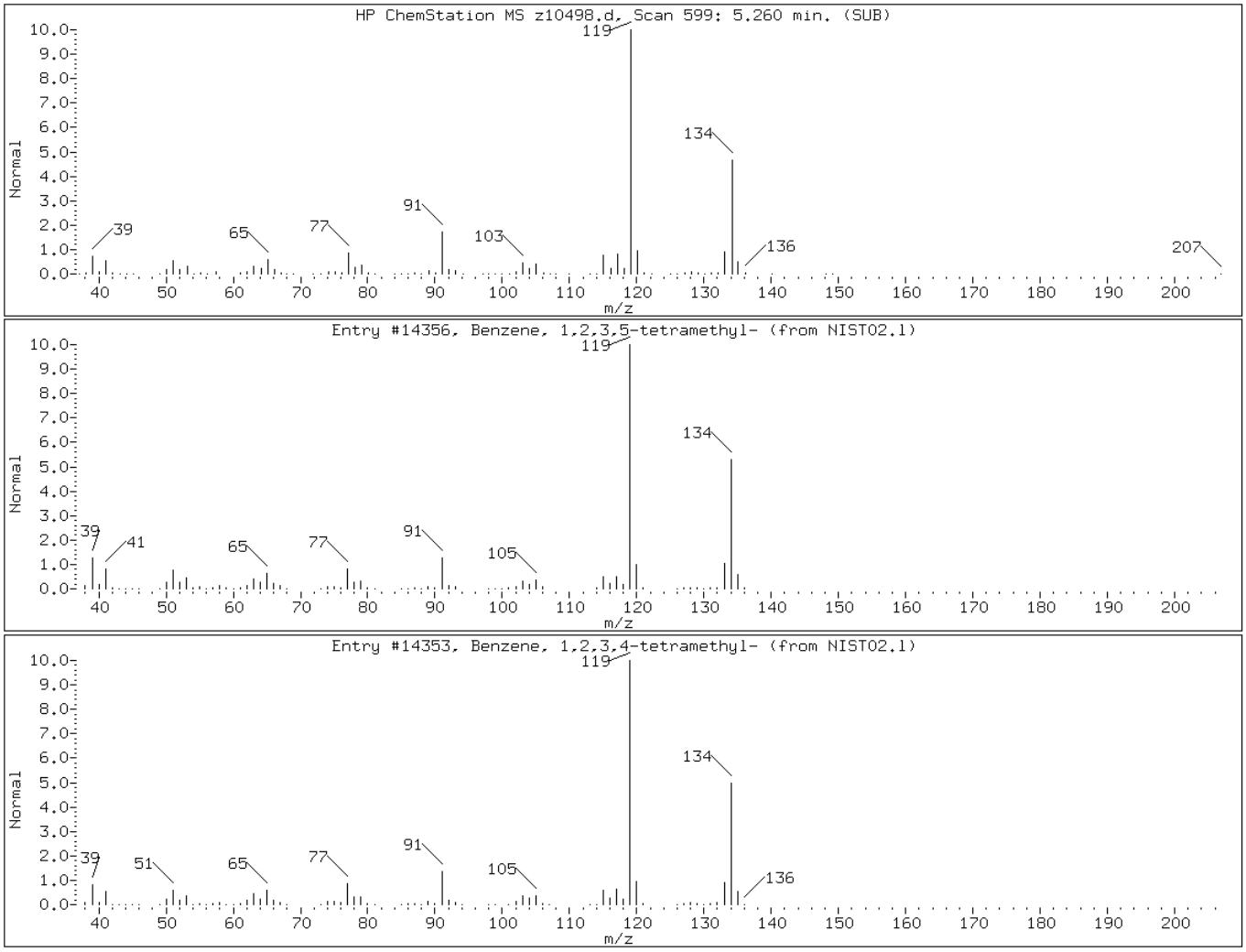
Date: 21-MAY-2010 10:58

Client ID: GW-017338-051810-AC Instrument: BNAMS11.i

Sample Info: 460-13279-E-2-B Operator: BNAMS 4

Retention Time: 5.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer						
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14356	96	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14353	96	C10H14	134



Data File: z10498.d

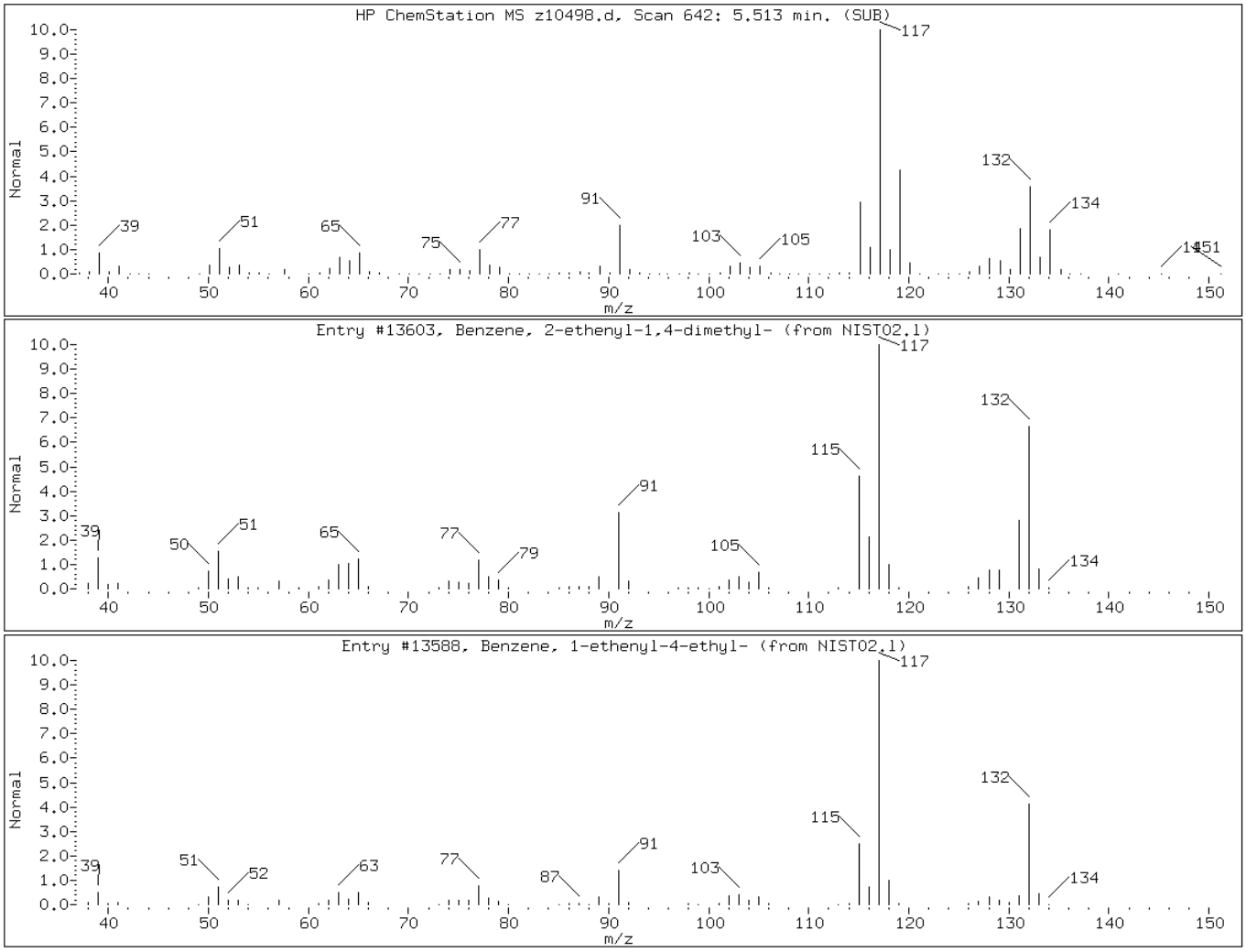
Date: 21-MAY-2010 10:58

Client ID: GW-017338-051810-AC Instrument: BNAMS11.i

Sample Info: 460-13279-E-2-B Operator: BNAMS 4

Retention Time: 5.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	95	C10H12	132
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.l	13588	92	C10H12	132



Data File: z10498.d

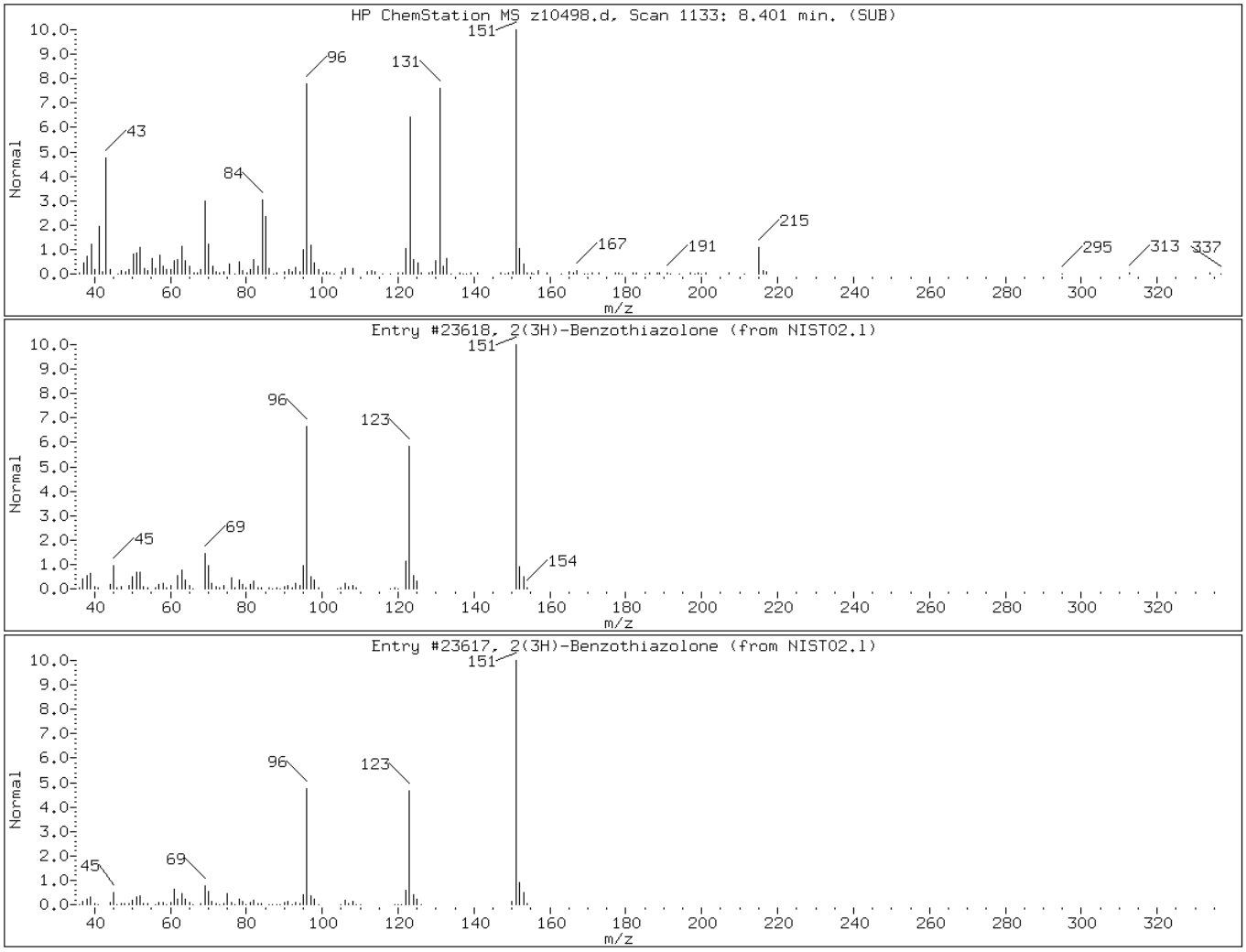
Date: 21-MAY-2010 10:58

Client ID: GW-017338-051810-AC Instrument: BNAMS11.i

Sample Info: 460-13279-E-2-B Operator: BNAMS 4

Retention Time: 8.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2(3H)-Benzothiazolone	934-34-9	NIST02.l	23618	91	C7H5NOS	151
2(3H)-Benzothiazolone	934-34-9	NIST02.l	23617	53	C7H5NOS	151



Data File: z10498.d

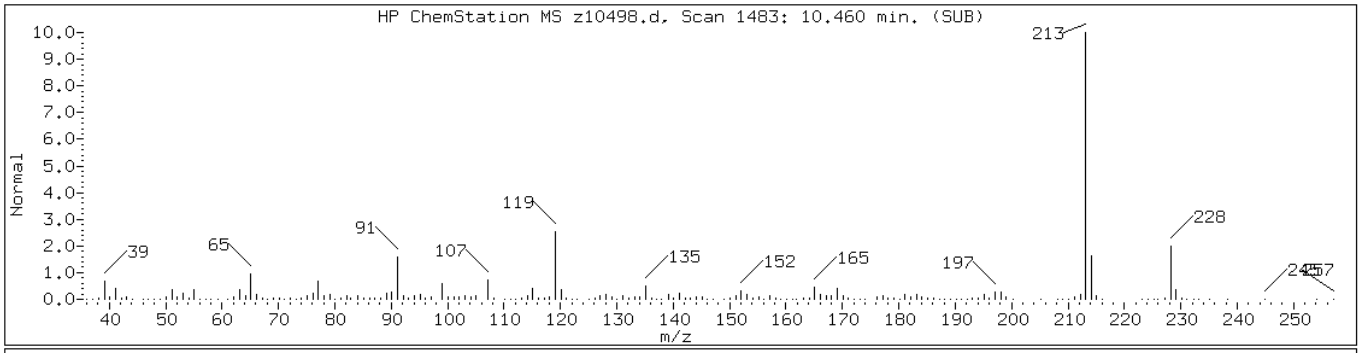
Date: 21-MAY-2010 10:58

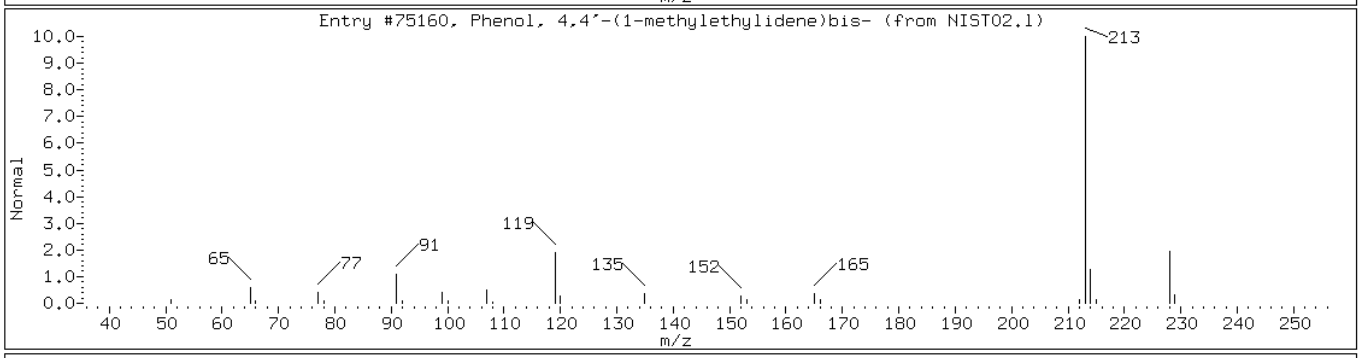
Client ID: GW-017338-051810-AC Instrument: BNAMS11.i

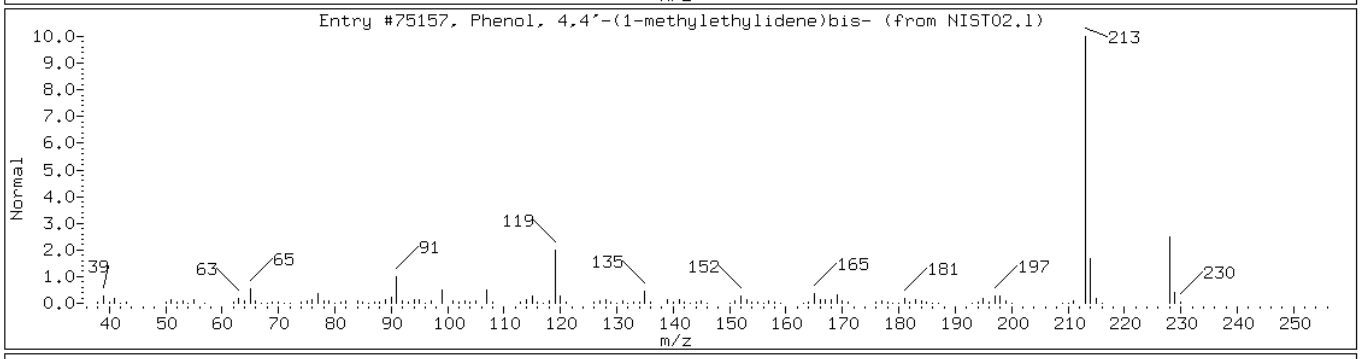
Sample Info: 460-13279-E-2-B Operator: BNAMS 4

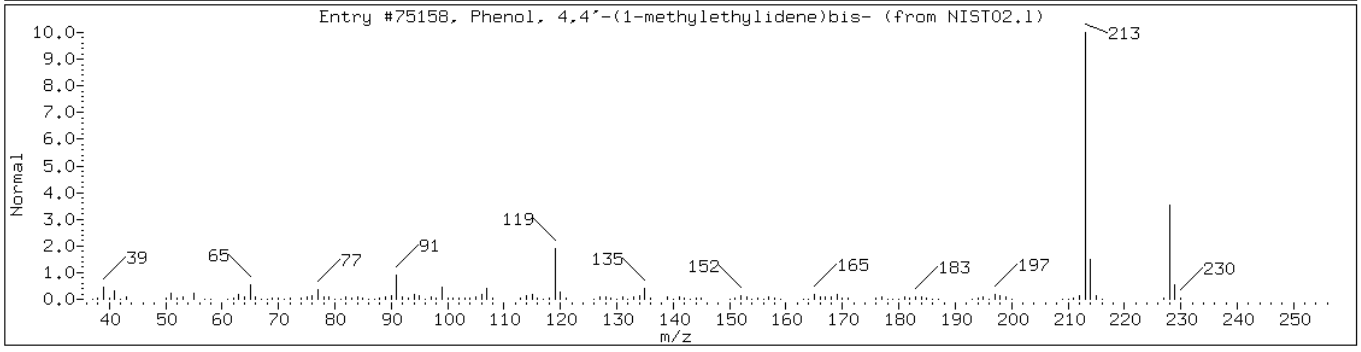
Retention Time: 10.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenol, 4,4'-(1-methylethylidene)b	80-05-7	NIST02.l	75160	98	C15H16O2	228
Phenol, 4,4'-(1-methylethylidene)b	80-05-7	NIST02.l	75157	98	C15H16O2	228
Phenol, 4,4'-(1-methylethylidene)b	80-05-7	NIST02.l	75158	97	C15H16O2	228









FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-03 | Lab Sample ID: 460-13279-3

Matrix: GW | Lab File ID: z10502.d

Analysis Method: 8270C | Date Collected: 05/18/2010 11:00

Extract. Method: 3510C | Date Extracted: 05/20/2010 17:02

Sample wt/vol: 960(mL) | Date Analyzed: 05/21/2010 12:37

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U *	10	1.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.43
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.3
98-86-2	Acetophenone	10	U	10	4.5
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.33
67-72-1	Hexachloroethane	1.0	U	1.0	0.52
98-95-3	Nitrobenzene	1.0	U	1.0	0.43
78-59-1	Isophorone	10	U	10	3.7
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.6
91-20-3	Naphthalene	10	U	10	3.8
106-47-8	4-Chloroaniline	10	U *	10	2.2
87-68-3	Hexachlorobutadiene	2.1	U *	2.1	0.98
105-60-2	Caprolactam	10	U *	10	0.52
91-57-6	2-Methylnaphthalene	10	U	10	3.2
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.8
92-52-4	1,1'-Biphenyl	10	U	10	5.6
91-58-7	2-Chloronaphthalene	10	U	10	3.9
88-74-4	2-Nitroaniline	21	U	21	5.9
131-11-3	Dimethyl phthalate	10	U	10	3.4
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	0.61
208-96-8	Acenaphthylene	10	U	10	4.2
99-09-2	3-Nitroaniline	21	U	21	4.5
83-32-9	Acenaphthene	10	U	10	3.9
132-64-9	Dibenzofuran	10	U	10	3.7
121-14-2	2,4-Dinitrotoluene	2.1	U	2.1	0.45
84-66-2	Diethyl phthalate	10	U	10	4.0
86-73-7	Fluorene	10	U	10	3.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.1
100-01-6	4-Nitroaniline	21	U	21	4.1
86-30-6	N-Nitrosodiphenylamine	10	U	10	4.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.1
1912-24-9	Atrazine	10	U	10	5.0
85-01-8	Phenanthrene	10	U	10	3.7
120-12-7	Anthracene	10	U	10	3.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-03 | Lab Sample ID: 460-13279-3

Matrix: GW | Lab File ID: z10502.d

Analysis Method: 8270C | Date Collected: 05/18/2010 11:00

Extract. Method: 3510C | Date Extracted: 05/20/2010 17:02

Sample wt/vol: 960(mL) | Date Analyzed: 05/21/2010 12:37

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
86-74-8	Carbazole	10	U	10	3.2
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
206-44-0	Fluoranthene	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.4
85-68-7	Butyl benzyl phthalate	10	U	10	2.9
91-94-1	3,3'-Dichlorobenzidine	21	U	21	7.3
218-01-9	Chrysene	10	U	10	3.9
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.5
117-84-0	Di-n-octyl phthalate	10	U	10	2.0
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.31
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.17
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.8

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	84	50-119	
321-60-8	2-Fluorobiphenyl	79	61-112	
367-12-4	2-Fluorophenol (Surr)	34	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	80	61-120	
4165-62-2	Phenol-d5 (Surr)	25	9-48	
1718-51-0	Terphenyl-d14 (Surr)	90	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-03 Lab Sample ID: 460-13279-3

Matrix: GW Lab File ID: z10502.d

Analysis Method: 8270C Date Collected: 05/18/2010 11:00

Extract. Method: 3510C Date Extracted: 05/20/2010 17:02

Sample wt/vol: 960(mL) Date Analyzed: 05/21/2010 12:37

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10502.d
Report Date: 22-May-2010 01:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10502.d
Lab Smp Id: 460-13279-E-3-A Client Smp ID: GW-017338-051810-AC
Inj Date : 21-MAY-2010 12:37
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-13279-E-3-A
Misc Info : 460-13279-E-3-A
Comment   :
Method   : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/8270Cdel_08.m
Meth Date : 21-May-2010 11:00 croccom Quant Type: ISTD
Cal Date : 21-MAY-2010 09:28 Cal File: z10495.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allh20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	960.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	3.202	3.202	(0.713)	509445	16.8879	35
$ 17 Phenol-d5 (SUR)	99	4.101	4.125	(0.914)	430555	12.5999	26
* 79 1,4-Dichlorobenzene-d4	152	4.490	4.490	(1.000)	883692	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.043	5.048	(0.875)	1339706	40.1852	84
* 80 Naphthalene-d8	136	5.766	5.772	(1.000)	3312069	40.0000	
120 1-Methylnaphthalene	142	6.578	6.590	(1.141)	574	0.01111	0.023(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.848	6.854	(0.910)	2235409	39.3745	82
* 82 Acenaphthene-d10	164	7.525	7.531	(1.000)	1566799	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.301	8.307	(1.103)	198713	42.1086	88
* 83 Phenanthrene-d10	188	8.989	8.995	(1.000)	1825872	40.0000	
$ 78 Terphenyl-d14	244	10.578	10.578	(0.897)	1025908	44.9233	94
* 81 Chrysene-d12	240	11.795	11.801	(1.000)	797795	40.0000	
* 84 Perylene-d12	264	13.760	13.760	(1.000)	478731	40.0000	

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10502.d
Report Date: 22-May-2010 01:39

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10502.d
Report Date: 22-May-2010 01:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10502.d
Lab Smp Id: 460-13279-E-3-A Client Smp ID: GW-017338-051810-AC
Inj Date : 21-MAY-2010 12:37
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-13279-E-3-A
Misc Info : 460-13279-E-3-A
Comment   :
Method   : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/8270Cdel_08.m
Meth Date : 21-May-2010 11:00 croccom Quant Type: ISTD
Cal Date : 21-MAY-2010 09:28 Cal File: z10495.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allh20.sub
Target Version: 3.50
Processing Host: hpd1

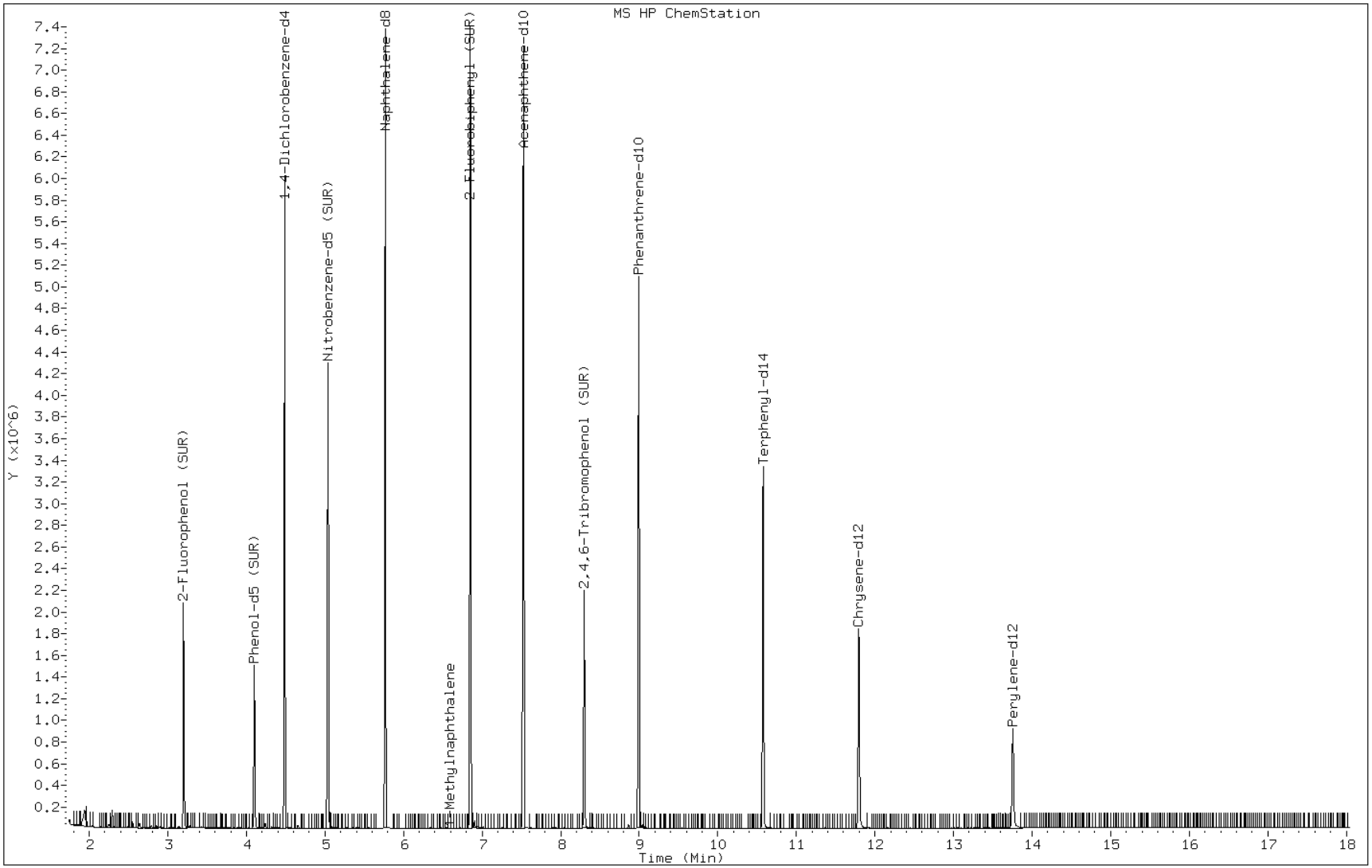
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z10502.d

Date: 21-MAY-2010 12:37

Client ID: GW-017338-051810-AC Instrument: BNAMS11.i

Sample Info: 460-13279-E-3-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-04 | Lab Sample ID: 460-13279-4

Matrix: GW | Lab File ID: z10503.d

Analysis Method: 8270C | Date Collected: 05/18/2010 11:10

Extract. Method: 3510C | Date Extracted: 05/20/2010 17:02

Sample wt/vol: 960(mL) | Date Analyzed: 05/21/2010 13:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U *	10	1.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.43
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.3
98-86-2	Acetophenone	10	U	10	4.5
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.33
67-72-1	Hexachloroethane	1.0	U	1.0	0.52
98-95-3	Nitrobenzene	1.0	U	1.0	0.43
78-59-1	Isophorone	10	U	10	3.7
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.6
91-20-3	Naphthalene	10	U	10	3.8
106-47-8	4-Chloroaniline	10	U *	10	2.2
87-68-3	Hexachlorobutadiene	2.1	U *	2.1	0.98
105-60-2	Caprolactam	10	U *	10	0.52
91-57-6	2-Methylnaphthalene	10	U	10	3.2
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.8
92-52-4	1,1'-Biphenyl	10	U	10	5.6
91-58-7	2-Chloronaphthalene	10	U	10	3.9
88-74-4	2-Nitroaniline	21	U	21	5.9
131-11-3	Dimethyl phthalate	10	U	10	3.4
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	0.61
208-96-8	Acenaphthylene	10	U	10	4.2
99-09-2	3-Nitroaniline	21	U	21	4.5
83-32-9	Acenaphthene	10	U	10	3.9
132-64-9	Dibenzofuran	10	U	10	3.7
121-14-2	2,4-Dinitrotoluene	2.1	U	2.1	0.45
84-66-2	Diethyl phthalate	10	U	10	4.0
86-73-7	Fluorene	10	U	10	3.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	4.1
100-01-6	4-Nitroaniline	21	U	21	4.1
86-30-6	N-Nitrosodiphenylamine	10	U	10	4.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	4.1
1912-24-9	Atrazine	10	U	10	5.0
85-01-8	Phenanthrene	10	U	10	3.7
120-12-7	Anthracene	10	U	10	3.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-04 | Lab Sample ID: 460-13279-4

Matrix: GW | Lab File ID: z10503.d

Analysis Method: 8270C | Date Collected: 05/18/2010 11:10

Extract. Method: 3510C | Date Extracted: 05/20/2010 17:02

Sample wt/vol: 960(mL) | Date Analyzed: 05/21/2010 13:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
86-74-8	Carbazole	10	U	10	3.2
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
206-44-0	Fluoranthene	10	U	10	2.8
129-00-0	Pyrene	10	U	10	4.4
85-68-7	Butyl benzyl phthalate	10	U	10	2.9
91-94-1	3,3'-Dichlorobenzidine	21	U	21	7.3
218-01-9	Chrysene	10	U	10	3.9
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.5
117-84-0	Di-n-octyl phthalate	10	U	10	2.0
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.31
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.17
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.8

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	80	50-119	
321-60-8	2-Fluorobiphenyl	77	61-112	
367-12-4	2-Fluorophenol (Surr)	31	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	76	61-120	
4165-62-2	Phenol-d5 (Surr)	22	9-48	
1718-51-0	Terphenyl-d14 (Surr)	91	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-04 Lab Sample ID: 460-13279-4

Matrix: GW Lab File ID: z10503.d

Analysis Method: 8270C Date Collected: 05/18/2010 11:10

Extract. Method: 3510C Date Extracted: 05/20/2010 17:02

Sample wt/vol: 960(mL) Date Analyzed: 05/21/2010 13:01

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10503.d
Report Date: 24-May-2010 13:13

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10503.d
Lab Smp Id: 460-13279-E-4-A Client Smp ID: GW-017338-051810-AC
Inj Date : 21-MAY-2010 13:01
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-13279-E-4-A
Misc Info : 460-13279-E-4-A
Comment   :
Method   : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/8270Cdel_08.m
Meth Date : 21-May-2010 11:00 croccom Quant Type: ISTD
Cal Date : 21-MAY-2010 09:28 Cal File: z10495.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allh20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	960.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	3.207	3.202	(0.714)	458453	15.3897	32
$ 17 Phenol-d5 (SUR)	99	4.101	4.125	(0.914)	377278	11.1803	23
* 79 1,4-Dichlorobenzene-d4	152	4.489	4.490	(1.000)	872660	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	5.042	5.048	(0.874)	1259486	38.1589	79
* 80 Naphthalene-d8	136	5.772	5.772	(1.000)	3279096	40.0000	
120 1-Methylnaphthalene	142	6.578	6.590	(1.140)	611	0.01195	0.025(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.848	6.854	(0.910)	2107102	38.6738	80
* 82 Acenaphthene-d10	164	7.525	7.531	(1.000)	1503630	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.301	8.307	(1.103)	181679	40.1164	84
* 83 Phenanthrene-d10	188	8.995	8.995	(1.000)	1724538	40.0000	
$ 78 Terphenyl-d14	244	10.577	10.578	(0.896)	888100	45.7297	95
* 81 Chrysene-d12	240	11.801	11.801	(1.000)	678451	40.0000	
* 84 Perylene-d12	264	13.754	13.760	(1.000)	414538	40.0000	

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10503.d
Report Date: 24-May-2010 13:13

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10503.d
Report Date: 24-May-2010 13:13

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10503.d
Lab Smp Id: 460-13279-E-4-A Client Smp ID: GW-017338-051810-AC
Inj Date : 21-MAY-2010 13:01
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-13279-E-4-A
Misc Info : 460-13279-E-4-A
Comment   :
Method   : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/8270Cdel_08.m
Meth Date : 21-May-2010 11:00 croccom Quant Type: ISTD
Cal Date : 21-MAY-2010 09:28 Cal File: z10495.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allh20.sub
Target Version: 3.50
Processing Host: hpd1

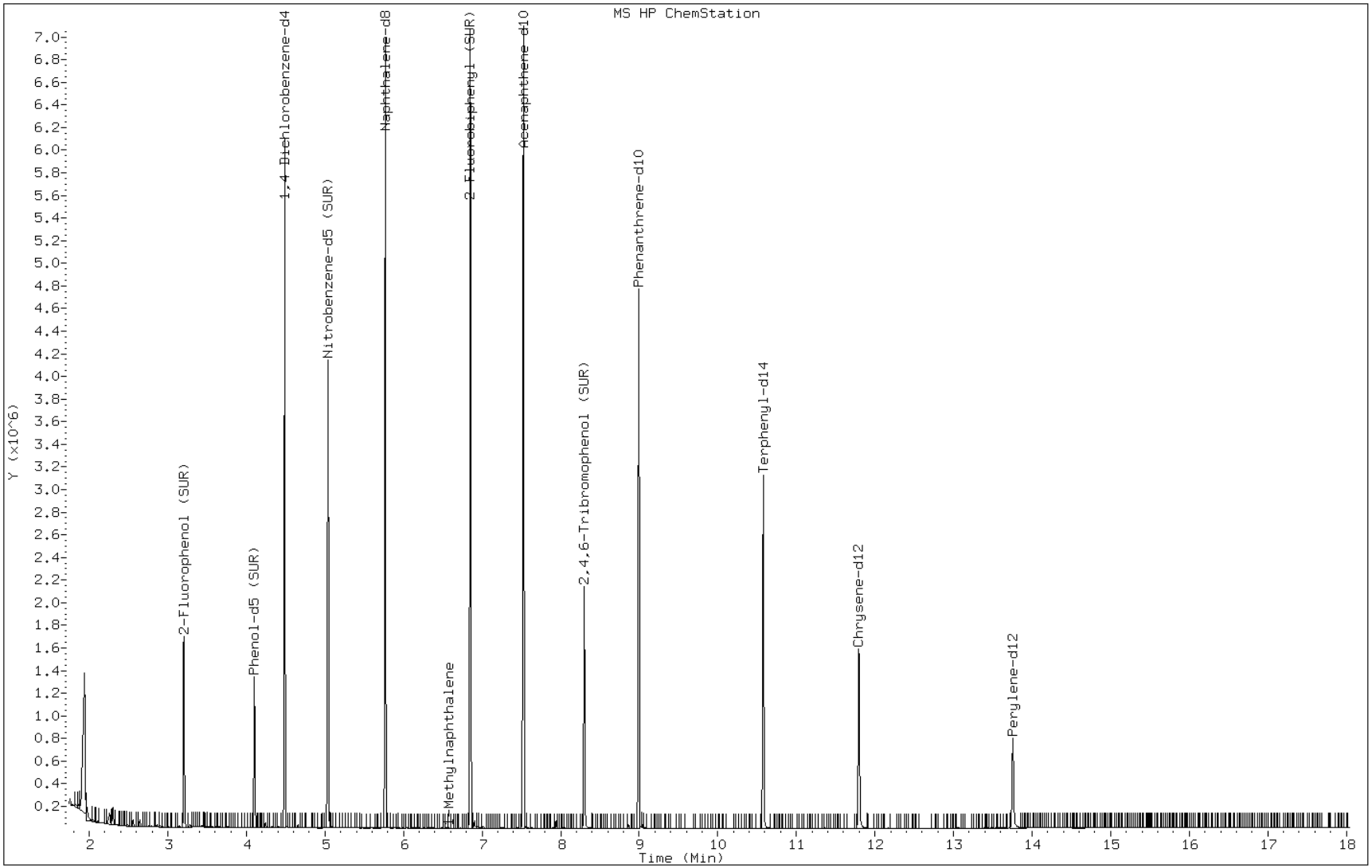
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z10503.d

Date: 21-MAY-2010 13:01

Client ID: GW-017338-051810-AC Instrument: BNAMS11.i

Sample Info: 460-13279-E-4-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-05 | Lab Sample ID: 460-13279-5

Matrix: GW | Lab File ID: z10504.d

Analysis Method: 8270C | Date Collected: 05/18/2010 12:00

Extract. Method: 3510C | Date Extracted: 05/20/2010 17:02

Sample wt/vol: 940(mL) | Date Analyzed: 05/21/2010 13:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	11	U *	11	1.4
111-44-4	Bis(2-chloroethyl)ether	1.1	U	1.1	0.44
108-60-1	2,2'-oxybis[1-chloropropane]	11	U	11	3.4
98-86-2	Acetophenone	11	U	11	4.6
621-64-7	N-Nitrosodi-n-propylamine	1.1	U	1.1	0.34
67-72-1	Hexachloroethane	1.1	U	1.1	0.53
98-95-3	Nitrobenzene	1.1	U	1.1	0.44
78-59-1	Isophorone	11	U	11	3.8
111-91-1	Bis(2-chloroethoxy)methane	11	U	11	3.7
91-20-3	Naphthalene	11	U	11	3.9
106-47-8	4-Chloroaniline	11	U *	11	2.2
87-68-3	Hexachlorobutadiene	2.1	U *	2.1	1.0
105-60-2	Caprolactam	11	U *	11	0.53
91-57-6	2-Methylnaphthalene	11	U	11	3.3
77-47-4	Hexachlorocyclopentadiene	11	U	11	4.9
92-52-4	1,1'-Biphenyl	11	U	11	5.8
91-58-7	2-Chloronaphthalene	11	U	11	4.0
88-74-4	2-Nitroaniline	21	U	21	6.1
131-11-3	Dimethyl phthalate	11	U	11	3.5
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	0.63
208-96-8	Acenaphthylene	11	U	11	4.3
99-09-2	3-Nitroaniline	21	U	21	4.6
83-32-9	Acenaphthene	11	U	11	4.0
132-64-9	Dibenzofuran	11	U	11	3.8
121-14-2	2,4-Dinitrotoluene	2.1	U	2.1	0.46
84-66-2	Diethyl phthalate	11	U	11	4.1
86-73-7	Fluorene	11	U	11	3.5
7005-72-3	4-Chlorophenyl phenyl ether	11	U	11	4.2
100-01-6	4-Nitroaniline	21	U	21	4.2
86-30-6	N-Nitrosodiphenylamine	11	U	11	4.1
101-55-3	4-Bromophenyl phenyl ether	11	U	11	4.2
1912-24-9	Atrazine	11	U	11	5.1
85-01-8	Phenanthrene	11	U	11	3.8
120-12-7	Anthracene	11	U	11	3.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-05 | Lab Sample ID: 460-13279-5

Matrix: GW | Lab File ID: z10504.d

Analysis Method: 8270C | Date Collected: 05/18/2010 12:00

Extract. Method: 3510C | Date Extracted: 05/20/2010 17:02

Sample wt/vol: 940(mL) | Date Analyzed: 05/21/2010 13:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
86-74-8	Carbazole	11	U	11	3.3
84-74-2	Di-n-butyl phthalate	11	U	11	2.9
206-44-0	Fluoranthene	11	U	11	2.8
129-00-0	Pyrene	11	U	11	4.5
85-68-7	Butyl benzyl phthalate	11	U	11	3.0
91-94-1	3,3'-Dichlorobenzidine	21	U	21	7.4
218-01-9	Chrysene	11	U	11	4.0
117-81-7	Bis(2-ethylhexyl) phthalate	11	U	11	2.6
117-84-0	Di-n-octyl phthalate	11	U	11	2.0
207-08-9	Benzo[k]fluoranthene	1.1	U	1.1	0.32
193-39-5	Indeno[1,2,3-cd]pyrene	1.1	U	1.1	0.13
53-70-3	Dibenz(a,h)anthracene	1.1	U	1.1	0.17
191-24-2	Benzo[g,h,i]perylene	11	U	11	2.9

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	97	50-119	
321-60-8	2-Fluorobiphenyl	85	61-112	
367-12-4	2-Fluorophenol (Surr)	45	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	87	61-120	
4165-62-2	Phenol-d5 (Surr)	29	9-48	
1718-51-0	Terphenyl-d14 (Surr)	99	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-05 Lab Sample ID: 460-13279-5

Matrix: GW Lab File ID: z10504.d

Analysis Method: 8270C Date Collected: 05/18/2010 12:00

Extract. Method: 3510C Date Extracted: 05/20/2010 17:02

Sample wt/vol: 940(mL) Date Analyzed: 05/21/2010 13:26

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10504.d
Report Date: 24-May-2010 13:13

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10504.d
Lab Smp Id: 460-13279-F-5-A Client Smp ID: GW-017338-051810-AC
Inj Date : 21-MAY-2010 13:26
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-13279-F-5-A
Misc Info : 460-13279-F-5-A
Comment   :
Method   : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/8270Cdel_08.m
Meth Date : 21-May-2010 11:00 croccom Quant Type: ISTD
Cal Date : 21-MAY-2010 09:28 Cal File: z10495.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allh20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	940.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	3.201	3.202	(0.713)	634734	22.3739	48
$ 17 Phenol-d5 (SUR)	99	4.101	4.125	(0.914)	469049	14.5957	31
* 79 1,4-Dichlorobenzene-d4	152	4.490	4.490	(1.000)	831057	40.0000	
23 1,2-Dichlorobenzene	146	4.660	4.660	(1.038)	6095	0.18720	0.40(a)
$ 76 Nitrobenzene-d5 (SUR)	82	5.043	5.048	(0.875)	1323067	43.3761	92
* 80 Naphthalene-d8	136	5.766	5.772	(1.000)	3030315	40.0000	
31 Naphthalene	128	5.790	5.795	(1.004)	12719	0.16146	0.34(a)
120 1-Methylnaphthalene	142	6.584	6.590	(1.142)	627	0.01327	0.028(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.848	6.854	(0.910)	2156619	42.3792	90
* 82 Acenaphthene-d10	164	7.525	7.531	(1.000)	1404405	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.301	8.307	(1.103)	204842	48.4266	100
* 83 Phenanthrene-d10	188	8.989	8.995	(1.000)	1606208	40.0000	
$ 78 Terphenyl-d14	244	10.578	10.578	(0.896)	988089	49.6107	100
* 81 Chrysene-d12	240	11.801	11.801	(1.000)	695786	40.0000	
* 84 Perylene-d12	264	13.760	13.760	(1.000)	434918	40.0000	

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10504.d
Report Date: 24-May-2010 13:13

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10504.d
Report Date: 24-May-2010 13:13

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10504.d
Lab Smp Id: 460-13279-F-5-A Client Smp ID: GW-017338-051810-AC
Inj Date : 21-MAY-2010 13:26
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-13279-F-5-A
Misc Info : 460-13279-F-5-A
Comment   :
Method   : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/8270Cdel_08.m
Meth Date : 21-May-2010 11:00 croccom Quant Type: ISTD
Cal Date : 21-MAY-2010 09:28 Cal File: z10495.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allh20.sub
Target Version: 3.50
Processing Host: hpd1

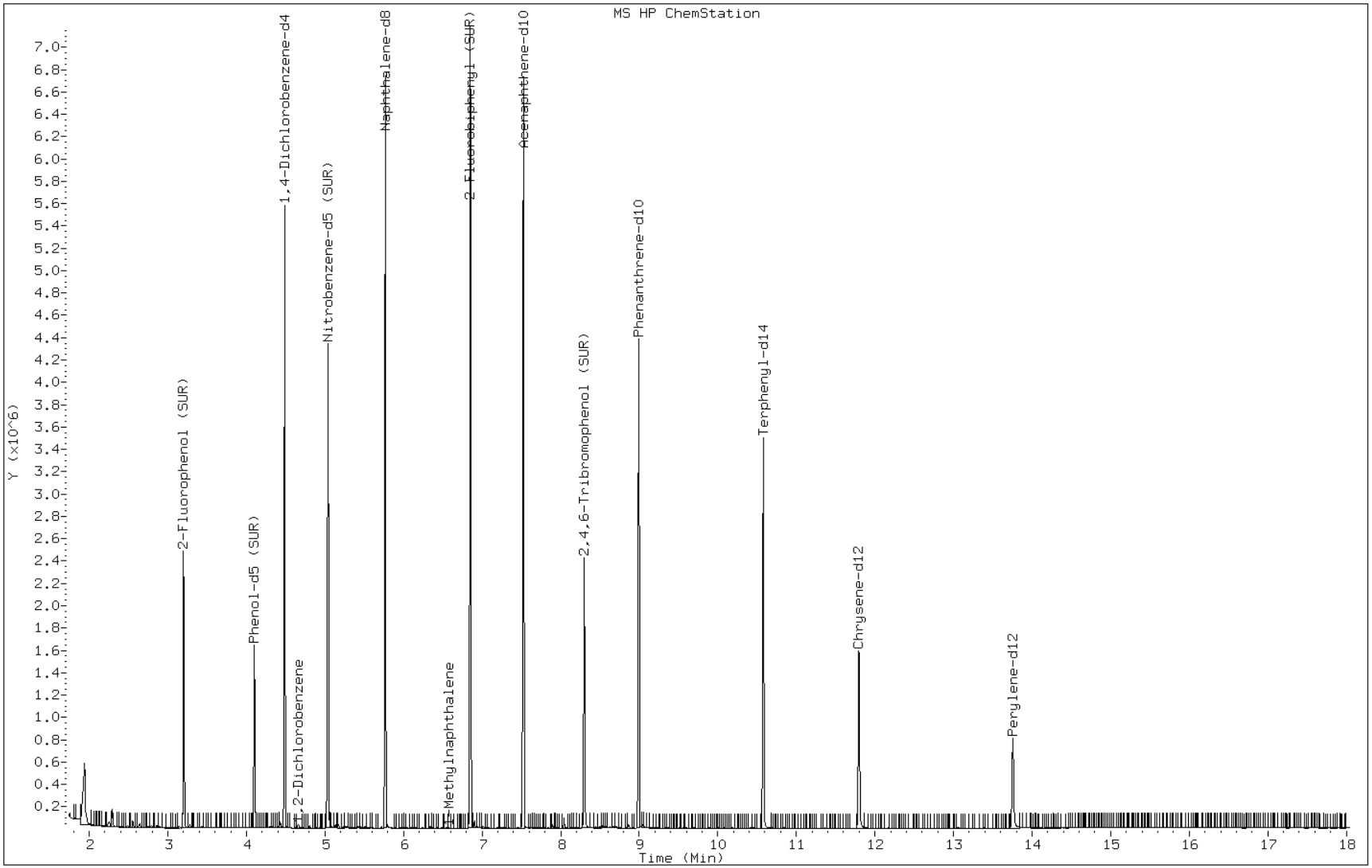
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z10504.d

Date: 21-MAY-2010 13:26

Client ID: GW-017338-051810-AC Instrument: BNAMS11.i

Sample Info: 460-13279-F-5-A Operator: BNAMS 4



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 38067

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2010 10:37 Calibration End Date: 05/19/2010 12:49 Calibration ID: 6272

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-38067/3	z10414.d
Level 2	IC 460-38067/5	z10416.d
Level 3	ICIS 460-38067/2	z10413.d
Level 4	IC 460-38067/4	z10415.d
Level 5	IC 460-38067/6	z10418.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.6570	0.6299	0.6403	0.6361	0.6681	Ave		0.6463			0.0500	2.4		30.0			
N-Nitrosodimethylamine	0.9117	0.8879	0.9040	0.8773	0.9057	Ave		0.8973			0.0500	1.6		30.0			
Pyridine	1.6327	1.5818	1.5625	1.5293	1.5717	Ave		1.5756			0.0500	2.4		30.0			
2,3,7,8-TCDD	+++++	+++++	0.1537	+++++	+++++	Ave		0.1537			0.0500			30.0			
Benzaldehyde	0.8571	0.5840	0.5126	0.1339	0.1547	Ave		0.4485			0.0500	68.2	*	30.0			
Phenol	1.8151	1.6774	1.6864	1.6438	1.6358	Ave		1.6917			0.0500	4.3		30.0			
Aniline	2.0819	2.0489	2.0276	1.9631	1.4671	Ave		1.9177			0.0500	13.3		30.0			
Bis(2-chloroethyl)ether	1.4904	1.3668	1.3665	1.3396	2.0009	Ave		1.5128			0.0500	18.4		30.0			
2-Chlorophenol	1.5059	1.4179	1.3404	1.2683	1.2329	Ave		1.3531			0.0500	8.2		30.0			
n-Decane	2.2189	2.1231	1.9444	1.8798	1.7476	Ave		1.9827			0.0500	9.5		30.0			
1,3-Dichlorobenzene	1.8155	1.7667	1.6932	1.6310	1.6509	Ave		1.7114			0.0500	4.6		30.0			
1,4-Dichlorobenzene	1.8355	1.7392	1.6620	1.6195	1.6220	Ave		1.6956			0.0500	5.4		30.0			
Benzyl alcohol	0.8458	0.8691	0.8453	0.8257	0.8250	Ave		0.8422			0.0500	2.2		30.0			
1,2-Dichlorobenzene	1.7333	1.6462	1.5645	1.4910	1.4997	Ave		1.5870			0.0500	6.5		30.0			
2-Methylphenol	1.2729	1.1821	1.1449	1.0654	1.0393	Ave		1.1409			0.0500	8.2		30.0			
2,2'-oxybis[1-chloropropane]	2.6937	2.6036	2.4506	2.3273	2.2524	Ave		2.4655			0.0500	7.5		30.0			
o-Toluidine	2.8180	2.6416	2.5127	2.3767	2.6665	Ave		2.6031			0.0500	6.4		30.0			
3 & 4 Methylphenol	1.3609	1.2270	1.1533	1.0820	1.0922	Ave		1.1831			0.0500	9.7		30.0			
4-Methylphenol	1.3609	1.2270	1.1533	1.0820	1.0922	Ave		1.1831			0.0500	9.7		30.0			
Acetophenone	1.8165	1.7218	1.6446	1.5516	1.5451	Ave		1.6559			0.0500	7.0		30.0			
N-Nitrosodi-n-propylamine	0.8873	0.8997	0.8699	0.8274	0.8238	Ave		0.8616			0.0500	4.0		30.0			
Hexachloroethane	0.6786	0.6293	0.6163	0.6063	0.6128	Ave		0.6287			0.0500	4.6		30.0			
n,n'-Dimethylaniline	2.2016	2.0406	1.8731	1.8251	1.8265	Ave		1.9534			0.0500	8.4		30.0			
Nitrobenzene	0.5661	0.5502	0.5293	0.5248	0.5161	Ave		0.5373			0.0500	3.8		30.0			
Isophorone	0.6538	0.6511	0.6483	0.6409	0.6483	Ave		0.6485			0.0500	0.7		30.0			
2-Nitrophenol	0.2072	0.2032	0.2069	0.2027	0.1993	Ave		0.2039			0.0500	1.6		30.0			
2,4-Dimethylphenol	0.3340	0.3055	0.2928	0.2800	0.2679	Ave		0.2960			0.0500	8.6		30.0			
Bis(2-chloroethoxy)methane	0.4149	0.3867	0.3856	0.3870	0.3945	Ave		0.3937			0.0500	3.1		30.0			
2,4-Dichlorophenol	0.3029	0.2827	0.2682	0.2619	0.2487	Ave		0.2729			0.0500	7.6		30.0			
1,2,4-Trichlorobenzene	0.3422	0.3186	0.3081	0.3033	0.3077	Ave		0.3160			0.0500	5.0		30.0			
Naphthalene	1.1286	1.0703	1.0205	1.0147	1.0162	Ave		1.0501			0.0500	4.7		30.0			
4-Chloroaniline	0.4127	0.4021	0.3766	0.3638	0.3556	Ave		0.3822			0.0500	6.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 38067

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2010 10:37 Calibration End Date: 05/19/2010 12:49 Calibration ID: 6272

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.1926	0.1734	0.1640	0.1651	0.1688	Ave		0.1728			0.0500	6.7		30.0			
Caprolactam	0.0678	0.0792	0.0820	0.0764	0.0720	Ave		0.0755			0.0500	7.5		30.0			
4-Chloro-3-methylphenol	0.2866	0.2717	0.2631	0.2509	0.2393	Ave		0.2623			0.0500	7.0		30.0			
2-Methylnaphthalene	0.7232	0.6648	0.6277	0.6109	0.6103	Ave		0.6473			0.0500	7.4		30.0			
1-Methylnaphthalene	0.6703	0.6553	0.6210	0.6045	0.5789	Ave		0.6260			0.0500	5.9		30.0			
Hexachlorocyclopentadiene	0.3205	0.3434	0.3461	0.4042	0.4080	Ave		0.3644			0.0500	10.8		30.0			
2,4,6-Trichlorophenol	0.3795	0.3578	0.3579	0.3487	0.3691	Ave		0.3626			0.0500	3.3		30.0			
2,4,5-Trichlorophenol	0.3891	0.3713	0.3538	0.3499	0.3378	Ave		0.3604			0.0500	5.6		30.0			
1,1'-Biphenyl	1.7249	1.6450	1.5841	1.5510	1.5515	Ave		1.6113			0.0500	4.6		30.0			
2-Chloronaphthalene	1.3047	1.2763	1.2217	1.2032	1.2151	Ave		1.2442			0.0500	3.5		30.0			
Phenyl ether	0.8899	0.8771	0.8327	0.8303	0.8517	Ave		0.8563			0.0500	3.1		30.0			
2-Nitroaniline	0.4097	0.4582	0.4536	0.4465	0.3521	Ave		0.4240			0.0500	10.5		30.0			
Dimethyl phthalate	1.2379	1.2502	1.2136	1.1637	1.1811	Ave		1.2093			0.0500	3.0		30.0			
Coumarin	0.1915	0.1881	0.1848	0.1688	0.1576	Ave		0.1781			0.0500	8.1		30.0			
2,6-Dinitrotoluene	0.2308	0.2782	0.2797	0.2654	0.2712	Ave		0.2651			0.0500	7.5		30.0			
Acenaphthylene	2.0441	2.0169	1.9348	1.9142	1.9392	Ave		1.9698			0.0500	2.9		30.0			
3-Nitroaniline	0.3137	0.3083	0.3062	0.2895	0.2897	Ave		0.3015			0.0500	3.7		30.0			
Acenaphthene	1.3756	1.2739	1.1483	1.1005	1.0946	Ave		1.1986			0.0500	10.2		30.0			
2,4-Dinitrophenol	0.0962	0.1223	0.1382	0.1314	0.1356	Ave		0.1247			0.0500	13.7		30.0			
4-Nitrophenol	0.1896	0.2011	0.1942	0.1850	0.1864	Ave		0.1913			0.0500	3.4		30.0			
2,4-Dinitrotoluene	0.3209	0.3381	0.3353	0.3142	0.3074	Ave		0.3232			0.0500	4.1		30.0			
Dibenzofuran	1.6805	1.6274	1.5383	1.4865	1.4861	Ave		1.5638			0.0500	5.6		30.0			
Diethyl phthalate	1.2253	1.2012	1.1774	1.1105	1.1136	Ave		1.1656			0.0500	4.4		30.0			
4-Chlorophenyl phenyl ether	0.5736	0.5386	0.5015	0.4972	0.5067	Ave		0.5235			0.0500	6.2		30.0			
Fluorene	1.2783	1.2368	1.1509	1.0959	1.1144	Ave		1.1753			0.0500	6.7		30.0			
4-Nitroaniline	0.2569	0.2708	0.2445	0.2401	0.2275	Ave		0.2480			0.0500	6.7		30.0			
4,6-Dinitro-2-methylphenol	0.1218	0.1333	0.1399	0.1349	0.1401	Ave		0.1340			0.0500	5.6		30.0			
N-Nitrosodiphenylamine	0.6153	0.6368	0.6456	0.6440	0.6501	Ave		0.6384			0.0500	2.2		30.0			
1,2-Diphenylhydrazine	1.2212	1.2314	1.2413	1.2395	1.2802	Ave		1.2427			0.0500	1.8		30.0			
4-Bromophenyl phenyl ether	0.2325	0.2259	0.2247	0.2213	0.2342	Ave		0.2277			0.0500	2.4		30.0			
Hexachlorobenzene	0.2541	0.2276	0.2216	0.2203	0.2311	Ave		0.2309			0.0500	5.9		30.0			
Atrazine	0.1969	0.1894	0.1824	0.1817	0.1828	Ave		0.1867			0.0500	3.5		30.0			
Pentachlorophenol	0.1267	0.1264	0.1335	0.1332	0.1337	Ave		0.1307			0.0500	2.9		30.0			
Phenanthrene	1.2199	1.1981	1.1512	1.1167	1.1390	Ave		1.1650			0.0500	3.7		30.0			
Anthracene	1.2471	1.2048	1.1648	1.1303	1.1414	Ave		1.1777			0.0500	4.1		30.0			
Carbazole	1.0323	0.9985	0.9532	0.9238	0.9063	Ave		0.9628			0.0500	5.4		30.0			
Di-n-butyl phthalate	1.2377	1.3034	1.2523	1.2560	1.2612	Ave		1.2621			0.0500	2.0		30.0			
Fluoranthene	0.9582	0.9388	0.8904	0.8539	0.8296	Ave		0.8942			0.0500	6.1		30.0			
Benzidine	0.0676	0.1730	0.0728	0.0370	0.0346	Ave		0.0770			0.0500	73.2	*	30.0			
Pyrene	1.9181	1.9175	1.9362	1.9130	2.0045	Ave		1.9379			0.0500	2.0		30.0			
Butyl benzyl phthalate	0.7136	0.7846	0.8191	0.8195	0.8513	Ave		0.7976			0.0500	6.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 38067

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2010 10:37 Calibration End Date: 05/19/2010 12:49 Calibration ID: 6272

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
3,3'-Dichlorobenzidine	0.3070	0.3031	0.2768	0.2620	0.2655	Ave		0.2828			0.0500	7.4		30.0			
Benzo[a]anthracene	1.2640	1.1142	1.1257	1.1330	1.1439	Ave		1.1562			0.0500	5.3		30.0			
Bis(2-ethylhexyl) phthalate	0.9055	1.0144	1.0485	1.1049	1.1160	Ave		1.0379			0.0500	8.2		30.0			
Chrysene	1.1044	1.0847	1.0413	1.0548	1.0643	Ave		1.0699			0.0500	2.3		30.0			
Di-n-octyl phthalate	1.4675	1.8843	2.2452	2.1488	2.1685	Ave		1.9829			0.0500	16.1		30.0			
Benzo[b]fluoranthene	0.9738	1.1469	1.2286	1.1771	1.2356	Ave		1.1524			0.0500	9.2		30.0			
Benzo[k]fluoranthene	1.0810	1.2976	1.3973	1.3257	1.3095	Ave		1.2822			0.0500	9.3		30.0			
Benzo[a]pyrene	0.6633	0.9819	1.0562	1.0180	1.0549	Ave		0.9548			0.0500	17.4		30.0			
Indeno[1,2,3-cd]pyrene	0.8210	0.6920	0.7624	0.8026	0.9010	Ave		0.7958			0.0500	9.7		30.0			
Dibenz(a,h)anthracene	0.8147	0.7156	0.8136	0.8008	0.9004	Ave		0.8090			0.0500	8.1		30.0			
Benzo[g,h,i]perylene	0.6722	0.7510	0.8325	0.8202	0.9173	Ave		0.7986			0.0500	11.5		30.0			
2-Fluorophenol (Surr)	1.4513	1.4137	1.3577	1.2871	1.2791	Ave		1.3578			0.0500	5.6		30.0			
Phenol-d5 (Surr)	1.6811	1.5412	1.5330	1.4423	1.3954	Ave		1.5186			0.0500	7.2		30.0			
Nitrobenzene-d5 (Surr)	0.3882	0.3860	0.3929	0.3831	0.3733	Ave		0.3847			0.0500	1.9		30.0			
2-Fluorobiphenyl	1.5188	1.4401	1.4109	1.3718	1.3835	Ave		1.4250			0.0500	4.1		30.0			
2,4,6-Tribromophenol (Surr)	0.1365	0.1330	0.1305	0.1267	0.1233	Ave		0.1300			0.0500	4.0		30.0			
Terphenyl-d14 (Surr)	1.1426	1.1574	1.1729	1.1360	1.1889	Ave		1.1596			0.0500	1.9		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 38067

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2010 10:37 Calibration End Date: 05/19/2010 12:49 Calibration ID: 6272

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-38067/3	z10414.d
Level 2	IC 460-38067/5	z10416.d
Level 3	ICIS 460-38067/2	z10413.d
Level 4	IC 460-38067/4	z10415.d
Level 5	IC 460-38067/6	z10418.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	63320	220360	731638	922675	1442231	5.00	20.0	50.0	80.0	120
N-Nitrosodimethylamine	DCB	Ave	87864	310602	1032916	1272658	1954921	5.00	20.0	50.0	80.0	120
Pyridine	DCB	Ave	157348	553331	1785409	2218372	3392717	5.00	20.0	50.0	80.0	120
2,3,7,8-TCDD	CRY	Ave	+++++	+++++	1444	+++++	+++++	+++++	+++++	0.500	+++++	+++++
Benzaldehyde	DCB	Ave	82599	204311	585740	194273	334007	5.00	20.0	50.0	80.0	120
Phenol	DCB	Ave	174921	586805	1926907	2384443	3531025	5.00	20.0	50.0	80.0	120
Aniline	DCB	Ave	200639	716765	2316824	2847696	3166826	5.00	20.0	50.0	80.0	120
Bis(2-chloroethyl)ether	DCB	Ave	14363	478124	1561365	1943166	4319127	0.500	20.0	50.0	80.0	120
2-Chlorophenol	DCB	Ave	145124	496029	1531619	1839773	2661404	5.00	20.0	50.0	80.0	120
n-Decane	DCB	Ave	213842	742691	2221687	2726845	3772278	5.00	20.0	50.0	80.0	120
1,3-Dichlorobenzene	DCB	Ave	174961	618018	1934753	2365838	3563605	5.00	20.0	50.0	80.0	120
1,4-Dichlorobenzene	DCB	Ave	176894	608418	1899011	2349159	3501211	5.00	20.0	50.0	80.0	120
Benzyl alcohol	DCB	Ave	81513	304037	965818	1197803	1780766	5.00	20.0	50.0	80.0	120
1,2-Dichlorobenzene	DCB	Ave	167040	575889	1787682	2162871	3237329	5.00	20.0	50.0	80.0	120
2-Methylphenol	DCB	Ave	122668	413515	1308189	1545438	2243509	5.00	20.0	50.0	80.0	120
2,2'-oxybis[1-chloropropane]	DCB	Ave	259595	910804	2800155	3375898	4862034	5.00	20.0	50.0	80.0	120
o-Toluidine	DCB	Ave	271580	924104	2871092	3447588	5755850	5.00	20.0	50.0	80.0	120
3 & 4 Methylphenol	DCB	Ave	131156	429216	1317764	1569542	2357613	5.00	20.0	50.0	80.0	120
4-Methylphenol	DCB	Ave	131156	429216	1317764	1569542	2357613	5.00	20.0	50.0	80.0	120
Acetophenone	DCB	Ave	175057	602330	1879174	2250657	3335328	5.00	20.0	50.0	80.0	120
N-Nitrosodi-n-propylamine	DCB	Ave	8551	314721	994016	1200164	1778172	0.500	20.0	50.0	80.0	120
Hexachloroethane	DCB	Ave	6540	220142	704202	879555	1322691	0.500	20.0	50.0	80.0	120
n,n'-Dimethylaniline	DCB	Ave	21217	713845	2140276	2647486	3942569	0.500	20.0	50.0	80.0	120
Nitrobenzene	NPT	Ave	19549	692230	2165549	2632608	3832205	0.500	20.0	50.0	80.0	120
Isophorone	NPT	Ave	225790	819155	2652669	3215119	4814239	5.00	20.0	50.0	80.0	120
2-Nitrophenol	NPT	Ave	71542	255670	846650	1016703	1480227	5.00	20.0	50.0	80.0	120
2,4-Dimethylphenol	NPT	Ave	115332	384372	1198183	1404712	1989231	5.00	20.0	50.0	80.0	120
Bis(2-chloroethoxy)methane	NPT	Ave	143295	486512	1577653	1941511	2929028	5.00	20.0	50.0	80.0	120
2,4-Dichlorophenol	NPT	Ave	104596	355656	1097473	1313745	1847107	5.00	20.0	50.0	80.0	120
1,2,4-Trichlorobenzene	NPT	Ave	11819	400775	1260669	1521835	2284795	0.500	20.0	50.0	80.0	120
Naphthalene	NPT	Ave	389748	1346514	4175502	5090675	7546065	5.00	20.0	50.0	80.0	120
4-Chloroaniline	NPT	Ave	142510	505873	1540771	1825195	2640847	5.00	20.0	50.0	80.0	120
Hexachlorobutadiene	NPT	Ave	13300	218103	670945	828442	1253764	1.00	20.0	50.0	80.0	120
Caprolactam	NPT	Ave	23416	99689	335717	383051	534877	5.00	20.0	50.0	80.0	120

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 38067

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2010 10:37 Calibration End Date: 05/19/2010 12:49 Calibration ID: 6272

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	98982	341838	1076685	1258630	1776633	5.00	20.0	50.0	80.0	120
2-Methylnaphthalene	NPT	Ave	249730	836344	2568324	3064509	4531667	5.00	20.0	50.0	80.0	120
1-Methylnaphthalene	NPT	Ave	231476	824430	2541095	3032833	4298548	5.00	20.0	50.0	80.0	120
Hexachlorocyclopentadiene	ANT	Ave	50845	196370	635276	879868	1268725	5.00	20.0	50.0	80.0	120
2,4,6-Trichlorophenol	ANT	Ave	60209	204612	656885	759042	1148016	5.00	20.0	50.0	80.0	120
2,4,5-Trichlorophenol	ANT	Ave	61733	212323	649326	761553	1050491	5.00	20.0	50.0	80.0	120
1,1'-Biphenyl	ANT	Ave	273638	940783	2907617	3376137	4825125	5.00	20.0	50.0	80.0	120
2-Chloronaphthalene	ANT	Ave	206981	729905	2242477	2619063	3779035	5.00	20.0	50.0	80.0	120
Phenyl ether	ANT	Ave	141167	501616	1528486	1807226	2648803	5.00	20.0	50.0	80.0	120
2-Nitroaniline	ANT	Ave	129984	262032	832605	971873	1095023	10.0	20.0	50.0	80.0	120
Dimethyl phthalate	ANT	Ave	196379	714994	2227508	2533085	3673187	5.00	20.0	50.0	80.0	120
Coumarin	NPT	Ave	66119	236593	756020	846859	1170069	5.00	20.0	50.0	80.0	120
2,6-Dinitrotoluene	ANT	Ave	7324	159096	513321	577749	843321	1.00	20.0	50.0	80.0	120
Acenaphthylene	ANT	Ave	324269	1153484	3551459	4166660	6030766	5.00	20.0	50.0	80.0	120
3-Nitroaniline	ANT	Ave	99518	176300	562130	630088	901087	10.0	20.0	50.0	80.0	120
Acenaphthene	ANT	Ave	218225	728546	2107752	2395507	3404281	5.00	20.0	50.0	80.0	120
2,4-Dinitrophenol	ANT	Ave	45773	104939	253605	286079	421740	15.0	30.0	50.0	80.0	120
4-Nitrophenol	ANT	Ave	90222	172477	356419	402792	579750	15.0	30.0	50.0	80.0	120
2,4-Dinitrotoluene	ANT	Ave	10183	193388	615543	683953	956021	1.00	20.0	50.0	80.0	120
Dibenzofuran	ANT	Ave	266586	930733	2823524	3235789	4621864	5.00	20.0	50.0	80.0	120
Diethyl phthalate	ANT	Ave	194378	686971	2161068	2417317	3463149	5.00	20.0	50.0	80.0	120
4-Chlorophenyl phenyl ether	ANT	Ave	91001	308004	920610	1082318	1575676	5.00	20.0	50.0	80.0	120
Fluorene	ANT	Ave	202791	707355	2112583	2385418	3465829	5.00	20.0	50.0	80.0	120
4-Nitroaniline	ANT	Ave	81519	154863	448798	522620	707536	10.0	20.0	50.0	80.0	120
4,6-Dinitro-2-methylphenol	PHN	Ave	69085	136906	297461	327919	469376	15.0	30.0	50.0	80.0	120
N-Nitrosodiphenylamine	PHN	Ave	116314	436092	1372962	1566045	2177455	5.00	20.0	50.0	80.0	120
1,2-Diphenylhydrazine	PHN	Ave	230861	843321	2639721	3013919	4287920	5.00	20.0	50.0	80.0	120
4-Bromophenyl phenyl ether	PHN	Ave	43949	154673	477808	538131	784356	5.00	20.0	50.0	80.0	120
Hexachlorobenzene	PHN	Ave	4804	155837	471304	535589	773983	0.500	20.0	50.0	80.0	120
Atrazine	PHN	Ave	37228	129675	387963	441932	612423	5.00	20.0	50.0	80.0	120
Pentachlorophenol	PHN	Ave	71846	129882	283881	323776	447784	15.0	30.0	50.0	80.0	120
Phenanthrene	PHN	Ave	230605	820528	2448218	2715515	3814925	5.00	20.0	50.0	80.0	120
Anthracene	PHN	Ave	235755	825100	2477120	2748484	3822878	5.00	20.0	50.0	80.0	120
Carbazole	PHN	Ave	195150	683793	2027163	2246395	3035638	5.00	20.0	50.0	80.0	120
Di-n-butyl phthalate	PHN	Ave	233976	892607	2663223	3054085	4224382	5.00	20.0	50.0	80.0	120
Fluoranthene	PHN	Ave	181135	642932	1893528	2076438	2778797	5.00	20.0	50.0	80.0	120
Benzidine	PHN	Ave	25564	177755	154879	90088	115942	10.0	30.0	50.0	80.0	120
Pyrene	CRY	Ave	180946	640367	1818515	2023877	2678246	5.00	20.0	50.0	80.0	120
Butyl benzyl phthalate	CRY	Ave	67323	262023	769343	867005	1137432	5.00	20.0	50.0	80.0	120
3,3'-Dichlorobenzidine	CRY	Ave	57918	151818	259938	277133	354700	10.0	30.0	50.0	80.0	120
Benzo[a]anthracene	CRY	Ave	11924	372079	1057332	1198646	1528395	0.500	20.0	50.0	80.0	120
Bis(2-ethylhexyl) phthalate	CRY	Ave	85422	338774	984819	1168920	1491034	5.00	20.0	50.0	80.0	120
Chrysene	CRY	Ave	104187	362233	978015	1115944	1422058	5.00	20.0	50.0	80.0	120

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 38067

SDG No.:

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2010 10:37 Calibration End Date: 05/19/2010 12:49 Calibration ID: 6272

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Di-n-octyl phthalate	PRY	Ave	81330	396189	1283657	1484563	1948909	5.00	20.0	50.0	80.0	120
Benzo[b]fluoranthene	PRY	Ave	5397	241137	702435	813201	1110461	0.500	20.0	50.0	80.0	120
Benzo[k]fluoranthene	PRY	Ave	5991	272824	798879	915872	1176870	0.500	20.0	50.0	80.0	120
Benzo[a]pyrene	PRY	Ave	3676	206450	603850	703268	948087	0.500	20.0	50.0	80.0	120
Indeno[1,2,3-cd]pyrene	PRY	Ave	4550	145492	435869	554490	809715	0.500	20.0	50.0	80.0	120
Dibenz(a,h)anthracene	PRY	Ave	4515	150456	465135	553239	809226	0.500	20.0	50.0	80.0	120
Benzo[g,h,i]perylene	PRY	Ave	37253	157911	475946	566635	824413	5.00	20.0	50.0	80.0	120
2-Fluorophenol (Surr)	DCB	Ave	139866	494531	1551354	1867016	2761128	5.00	20.0	50.0	80.0	120
Phenol-d5 (Surr)	DCB	Ave	162013	539145	1751705	2092235	3011986	5.00	20.0	50.0	80.0	120
Nitrobenzene-d5 (Surr)	NPT	Ave	134051	485621	1607651	1921796	2771927	5.00	20.0	50.0	80.0	120
2-Fluorobiphenyl	ANT	Ave	240947	823628	2589666	2985989	4302634	5.00	20.0	50.0	80.0	120
2,4,6-Tribromophenol (Surr)	ANT	Ave	21658	76076	239617	275853	383592	5.00	20.0	50.0	80.0	120
Terphenyl-d14 (Surr)	CRY	Ave	107791	386511	1101612	1201882	1588424	5.00	20.0	50.0	80.0	120

Curve Type Legend:
Ave = Average ISTD

Data File: /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10413.d
Report Date: 19-May-2010 14:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10413.d
Lab Smp Id: ICIS-424486
Inj Date : 19-MAY-2010 10:37
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : ICIS-424486
Misc Info : 50 ppm bna 4456
Comment :
Method : /chem/BNAMS11.i/8270/05-19-10del/19may10.b/8270Cdel_08.m
Meth Date : 19-May-2010 14:38 croccom Quant Type: ISTD
Cal Date : 19-MAY-2010 10:37 Cal File: z10413.d
Als bottle: 2 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.831	1.831	(0.406)	731638	50.0000	50
	19 N-Nitrosodimethylamine	74	2.066	2.066	(0.458)	1032916	50.0000	50
	71 Pyridine	79	2.096	2.096	(0.464)	1785409	50.0000	50
$	16 2-Fluorophenol (SUR)	112	3.231	3.231	(0.716)	1551354	50.0000	50(H)
	110 Benzaldehyde	77	4.072	4.072	(0.902)	585740	50.0000	57
$	17 Phenol-d5 (SUR)	99	4.148	4.148	(0.919)	1751705	50.0000	50
	1 Phenol	94	4.166	4.166	(0.923)	1926907	50.0000	50
	73 Aniline	93	4.184	4.184	(0.927)	2316824	50.0000	53
	20 bis(2-Chloroethyl)ether	93	4.248	4.248	(0.941)	1561365	50.0000	45
	2 2-Chlorophenol	128	4.313	4.313	(0.956)	1531619	50.0000	50
	113 n-decane	43	4.354	4.354	(0.965)	2221687	50.0000	49
	21 1,3-Dichlorobenzene	146	4.460	4.460	(0.988)	1934753	50.0000	49
*	79 1,4-Dichlorobenzene-d4	152	4.513	4.513	(1.000)	914109	40.0000	
	22 1,4-Dichlorobenzene	146	4.531	4.531	(1.004)	1899011	50.0000	49
	74 Benzyl Alcohol	108	4.654	4.654	(1.031)	965818	50.0000	50

Data File: /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10413.d
Report Date: 19-May-2010 14:38

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	23 1,2-Dichlorobenzene	146	4.684	4.684	(1.038)	1787682	50.0000	49
	3 2-Methylphenol	108	4.766	4.766	(1.056)	1308189	50.0000	50
	122 o-Toluidine	107	4.925	4.925	(1.091)	2871092	50.0000	48
	24 bis (2-chloroisopropyl) ether	45	4.784	4.784	(1.060)	2800155	50.0000	50
	4 4-Methylphenol	108	4.925	4.925	(1.091)	1317764	50.0000	49
	121 3 & 4 Methylphenol	108	4.925	4.925	(1.091)	1317764	50.0000	49
	104 Acetophenone	105	4.925	4.925	(1.091)	1879174	50.0000	50
	25 N-Nitroso-di-n-propylamine	70	4.931	4.931	(1.093)	994016	50.0000	50
	26 Hexachloroethane	117	5.025	5.025	(1.113)	704202	50.0000	49
$	76 Nitrobenzene-d5 (SUR)	82	5.072	5.072	(0.875)	1607651	50.0000	51
	107 N,N-Dimethylaniline	120	5.095	5.095	(1.129)	2140276	50.0000	48
	27 Nitrobenzene	77	5.095	5.095	(0.879)	2165549	50.0000	49
	28 Isophorone	82	5.331	5.331	(0.920)	2652669	50.0000	50
	5 2-Nitrophenol	139	5.407	5.407	(0.933)	846650	50.0000	51
	6 2,4-Dimethylphenol	122	5.454	5.454	(0.941)	1198183	50.0000	49
	29 bis(2-Chloroethoxy)methane	93	5.543	5.543	(0.956)	1577653	50.0000	49
	7 2,4-Dichlorophenol	162	5.654	5.654	(0.976)	1097473	50.0000	49
	30 1,2,4-Trichlorobenzene	180	5.737	5.737	(0.990)	1260669	50.0000	49
*	80 Naphthalene-d8	136	5.795	5.795	(1.000)	3273352	40.0000	
	31 Naphthalene	128	5.819	5.819	(1.004)	4175502	50.0000	48
	32 4-Chloroaniline	127	5.866	5.866	(1.012)	1540771	50.0000	49
	33 Hexachlorobutadiene	225	5.948	5.948	(1.026)	670945	50.0000	47
	111 Caprolactam	113	6.248	6.248	(1.078)	335717	50.0000	54
	8 4-Chloro-3-methylphenol	107	6.360	6.360	(1.097)	1076685	50.0000	50
	34 2-Methylnaphthalene	142	6.507	6.507	(1.123)	2568324	50.0000	48
	120 1-Methylnaphthalene	142	6.607	6.607	(1.140)	2541095	50.0000	50
	35 Hexachlorocyclopentadiene	237	6.672	6.672	(0.884)	635276	50.0000	47
	9 2,4,6-Trichlorophenol	196	6.795	6.795	(0.900)	656885	50.0000	49
	10 2,4,5-Trichlorophenol	196	6.831	6.831	(0.905)	649326	50.0000	49
$	77 2-Fluorobiphenyl (SUR)	172	6.878	6.878	(0.911)	2589666	50.0000	50
	102 Diphenyl	154	6.978	6.978	(0.924)	2907617	50.0000	49
	36 2-Chloronaphthalene	162	6.995	6.995	(0.927)	2242477	50.0000	49
	103 Diphenyl Ether	170	7.078	7.078	(0.938)	1528486	50.0000	49
	37 2-Nitroaniline	65	7.095	7.095	(0.940)	832605	50.0000	53
	38 Dimethylphthalate	163	7.278	7.278	(0.964)	2227508	50.0000	50
	114 Coumarin	146	7.301	7.301	(1.260)	756020	50.0000	52
	40 2,6-Dinitrotoluene	165	7.336	7.336	(0.972)	513321	50.0000	53
	39 Acenaphthylene	152	7.407	7.407	(0.981)	3551459	50.0000	49
	41 3-Nitroaniline	138	7.501	7.501	(0.994)	562130	50.0000	51
*	82 Acenaphthene-d10	164	7.548	7.548	(1.000)	1468424	40.0000	
	42 Acenaphthene	154	7.584	7.584	(1.005)	2107752	50.0000	48
	11 2,4-Dinitrophenol	184	7.607	7.607	(1.008)	253605	50.0000	55
	12 4-Nitrophenol	65	7.666	7.666	(1.016)	356419	50.0000	51
	44 2,4-Dinitrotoluene	165	7.736	7.736	(1.025)	615543	50.0000	52
	43 Dibenzofuran	168	7.754	7.754	(1.027)	2823524	50.0000	49
	45 Diethylphthalate	149	7.972	7.972	(1.056)	2161068	50.0000	50
	46 4-Chlorophenyl-phenylether	204	8.084	8.084	(1.071)	920610	50.0000	48

Data File: /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10413.d
Report Date: 19-May-2010 14:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	47 Fluorene	166	8.089	8.089	(1.072)	2112583	50.0000	49
	48 4-Nitroaniline	138	8.107	8.107	(1.074)	448798	50.0000	49
	13 4,6-Dinitro-2-methylphenol	198	8.136	8.136	(0.903)	297461	50.0000	52
	49 N-Nitrosodiphenylamine	169	8.201	8.201	(0.910)	1372962	50.0000	50
	75 1,2-Diphenylhydrazine	77	8.242	8.242	(0.914)	2639721	50.0000	50
$	18 2,4,6-Tribromophenol (SUR)	330	8.331	8.331	(1.104)	239617	50.0000	50
	50 4-Bromophenyl-phenylether	248	8.566	8.566	(0.950)	477808	50.0000	49
	51 Hexachlorobenzene	284	8.642	8.642	(0.959)	471304	50.0000	48
	112 Atrazine	200	8.725	8.725	(0.968)	387963	50.0000	49
	14 Pentachlorophenol	266	8.831	8.831	(0.980)	283881	50.0000	51
*	83 Phenanthrene-d10	188	9.013	9.013	(1.000)	1701323	40.0000	
	52 Phenanthrene	178	9.042	9.042	(1.003)	2448218	50.0000	49
	53 Anthracene	178	9.089	9.089	(1.008)	2477120	50.0000	49
	54 Carbazole	167	9.242	9.242	(1.025)	2027163	50.0000	50
	55 Di-n-butylphthalate	149	9.578	9.578	(1.063)	2663223	50.0000	50
	56 Fluoranthene	202	10.213	10.213	(1.133)	1893528	50.0000	50
	58 Benzidine	184	10.336	10.336	(1.147)	154879	50.0000	47
	57 Pyrene	202	10.448	10.448	(0.883)	1818515	50.0000	50
$	78 Terphenyl-d14	244	10.601	10.601	(0.896)	1101612	50.0000	50
	59 Butylbenzylphthalate	149	11.130	11.130	(0.941)	769343	50.0000	51
	109 2,3,7,8-TCDD (Screen)	320	11.254	11.254	(0.951)	1444	0.50000	0.50
	60 3,3'-Dichlorobenzidine	252	11.777	11.777	(0.996)	259938	50.0000	49
	61 Benzo(a)anthracene	228	11.819	11.819	(0.999)	1057332	50.0000	49
*	81 Chrysene-d12	240	11.830	11.830	(1.000)	751383	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.842	11.842	(1.001)	984819	50.0000	50
	62 Chrysene	228	11.866	11.866	(1.003)	978015	50.0000	49
	64 Di-n-octylphthalate	149	12.719	12.719	(0.922)	1283657	50.0000	57
	65 Benzo(b)fluoranthene	252	13.260	13.260	(0.962)	702435	50.0000	53
	66 Benzo(k)fluoranthene	252	13.295	13.295	(0.964)	798879	50.0000	54
	67 Benzo(a)pyrene	252	13.713	13.713	(0.994)	603850	50.0000	55
*	84 Perylene-d12	264	13.789	13.789	(1.000)	457379	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	15.389	15.389	(1.116)	435869	50.0000	48(M)
	69 Dibenz(a,h)anthracene	278	15.424	15.424	(1.119)	465135	50.0000	50
	70 Benzo(g,h,i)perylene	276	15.842	15.842	(1.149)	475946	50.0000	52

QC Flag Legend

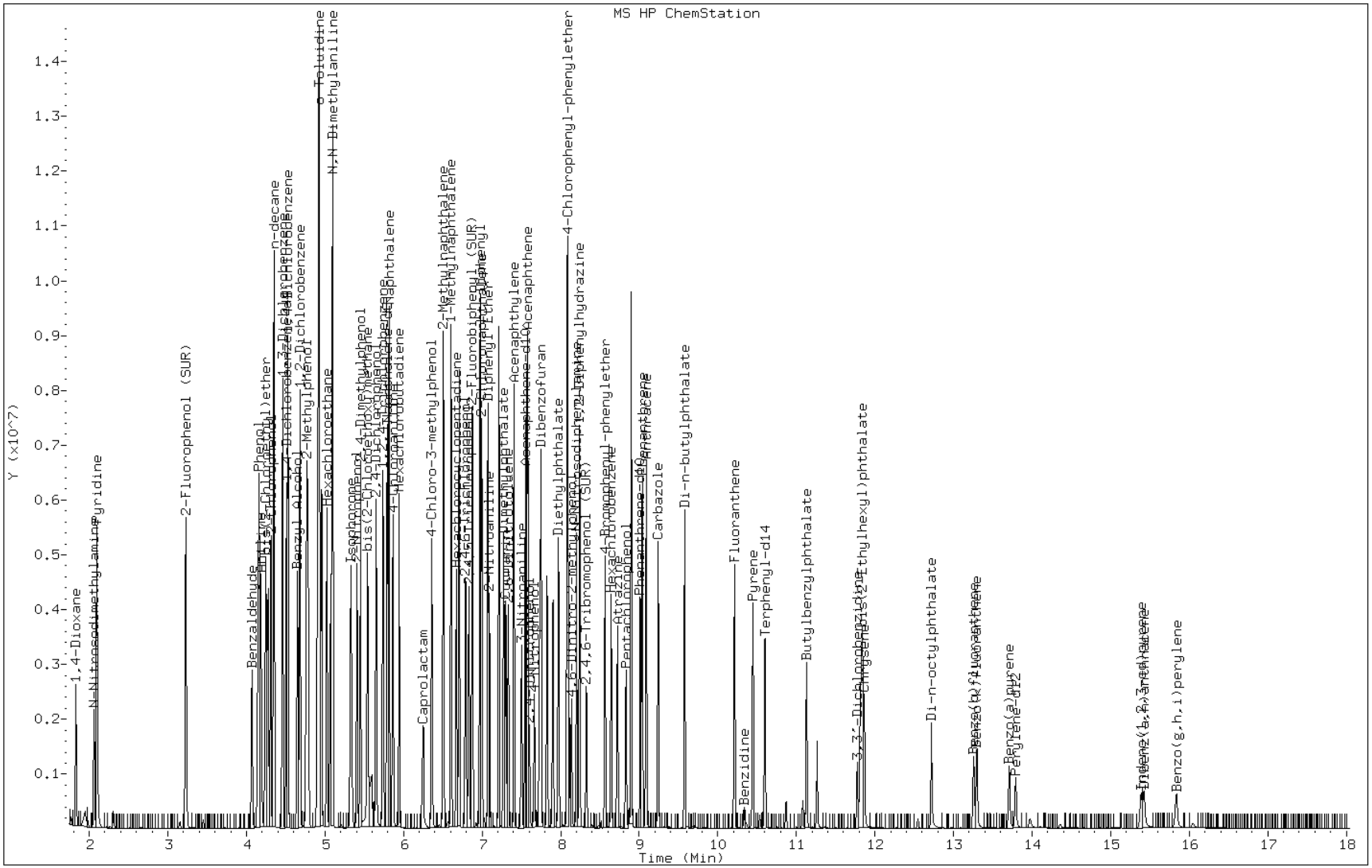
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z10413.d

Date: 19-MAY-2010 10:37

Client ID: Instrument: BNAMS11.i

Sample Info: ICIS-424486 Operator: BNAMS 4



Manual Integration Report

Data File: z10413.d
Inj. Date and Time: 19-MAY-2010 10:37
Instrument ID: BNAMS11.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 05/22/2010

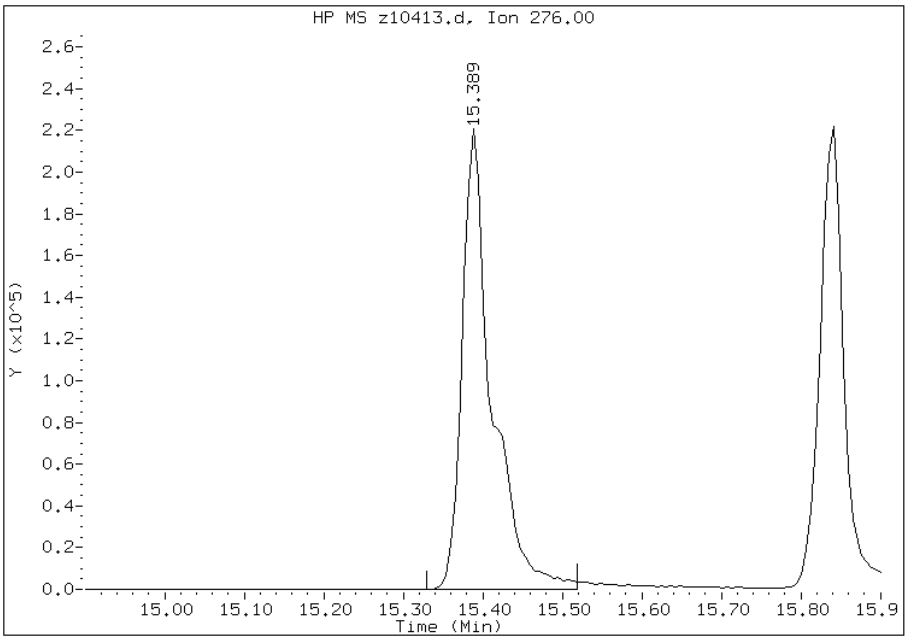
Processing Integration Results

RT: 15.39

Response: 573079

Amount: 50

Conc: 50



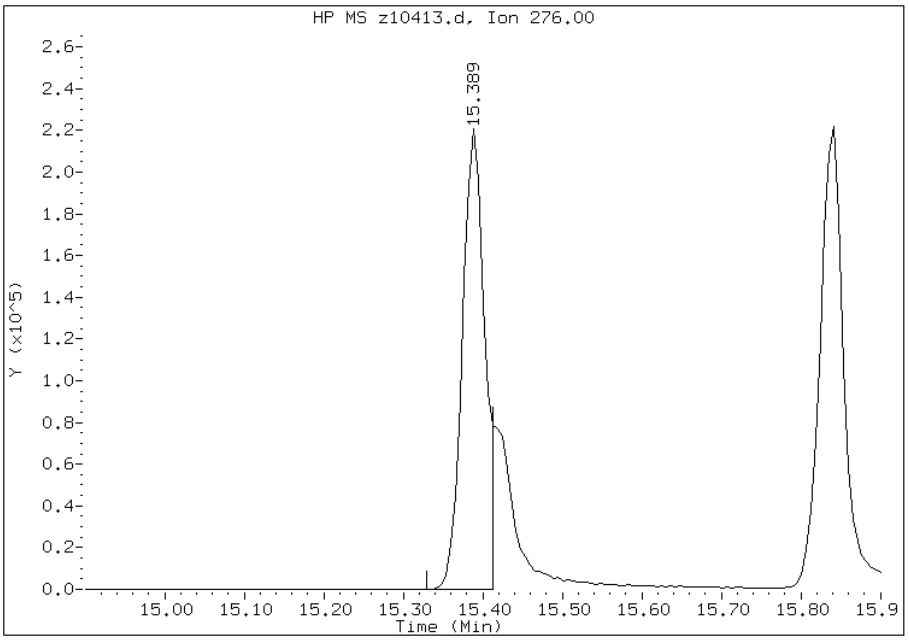
Manual Integration Results

RT: 15.39

Response: 435869

Amount: 48

Conc: 48



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10414.d
Report Date: 19-May-2010 14:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10414.d
Lab Smp Id: IC-424483
Inj Date : 19-MAY-2010 11:10
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-424483
Misc Info : 5 ppm bna 4456
Comment :
Method : /chem/BNAMS11.i/8270/05-19-10del/19may10.b/8270Cdel_08.m
Meth Date : 19-May-2010 14:38 croccom Quant Type: ISTD
Cal Date : 19-MAY-2010 10:37 Cal File: z10413.d
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.825	1.825	(0.405)	63320	5.00000	5.1
	19 N-Nitrosodimethylamine	74	2.049	2.049	(0.454)	87864	5.00000	5.1
	71 Pyridine	79	2.096	2.096	(0.465)	157348	5.00000	5.2
$	16 2-Fluorophenol (SUR)	112	3.225	3.225	(0.716)	139866	5.00000	5.3
	110 Benzaldehyde	77	4.066	4.066	(0.902)	82599	5.00000	9.6
$	17 Phenol-d5 (SUR)	99	4.125	4.125	(0.915)	162013	5.00000	5.5
	1 Phenol	94	4.143	4.143	(0.919)	174921	5.00000	5.4
	73 Aniline	93	4.172	4.172	(0.926)	200639	5.00000	5.4
	20 bis(2-Chloroethyl)ether	93	4.231	4.231	(0.939)	14363	0.50000	0.49(aM)
	2 2-Chlorophenol	128	4.295	4.295	(0.953)	145124	5.00000	5.6
	113 n-decane	43	4.343	4.343	(0.963)	213842	5.00000	5.6
	21 1,3-Dichlorobenzene	146	4.454	4.454	(0.988)	174961	5.00000	5.3
*	79 1,4-Dichlorobenzene-d4	152	4.507	4.507	(1.000)	770974	40.0000	
	22 1,4-Dichlorobenzene	146	4.525	4.525	(1.004)	176894	5.00000	5.4
	74 Benzyl Alcohol	108	4.631	4.631	(1.027)	81513	5.00000	5.0

Data File: /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10414.d
Report Date: 19-May-2010 14:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	23 1,2-Dichlorobenzene	146	4.678	4.678	(1.038)	167040	5.00000	5.5
	3 2-Methylphenol	108	4.748	4.748	(1.054)	122668	5.00000	5.6
	122 o-Toluidine	107	4.895	4.895	(1.086)	271580	5.00000	5.4(H)
	24 bis (2-chloroisopropyl) ether	45	4.772	4.772	(1.059)	259595	5.00000	5.5
	4 4-Methylphenol	108	4.895	4.895	(1.086)	131156	5.00000	5.8(H)
	121 3 & 4 Methylphenol	108	4.895	4.895	(1.086)	131156	5.00000	5.8(H)
	104 Acetophenone	105	4.901	4.901	(1.087)	175057	5.00000	5.5
	25 N-Nitroso-di-n-propylamine	70	4.901	4.901	(1.087)	8551	0.50000	0.51
	26 Hexachloroethane	117	5.019	5.019	(1.114)	6540	0.50000	0.54
$	76 Nitrobenzene-d5 (SUR)	82	5.054	5.054	(0.873)	134051	5.00000	5.0
	107 N,N-Dimethylaniline	120	5.084	5.084	(1.128)	21217	0.50000	0.56
	27 Nitrobenzene	77	5.078	5.078	(0.877)	19549	0.50000	0.53
	28 Isophorone	82	5.313	5.313	(0.918)	225790	5.00000	5.0
	5 2-Nitrophenol	139	5.401	5.401	(0.933)	71542	5.00000	5.1
	6 2,4-Dimethylphenol	122	5.437	5.437	(0.939)	115332	5.00000	5.6
	29 bis(2-Chloroethoxy)methane	93	5.531	5.531	(0.955)	143295	5.00000	5.3
	7 2,4-Dichlorophenol	162	5.642	5.642	(0.975)	104596	5.00000	5.5
	30 1,2,4-Trichlorobenzene	180	5.731	5.731	(0.990)	11819	0.50000	0.54
*	80 Naphthalene-d8	136	5.790	5.790	(1.000)	2762660	40.0000	
	31 Naphthalene	128	5.807	5.807	(1.003)	389748	5.00000	5.4
	32 4-Chloroaniline	127	5.854	5.854	(1.011)	142510	5.00000	5.4
	33 Hexachlorobutadiene	225	5.942	5.942	(1.026)	13300	1.00000	1.1
	111 Caprolactam	113	6.178	6.178	(1.067)	23416	5.00000	4.5(a)
	8 4-Chloro-3-methylphenol	107	6.342	6.342	(1.095)	98982	5.00000	5.5
	34 2-Methylnaphthalene	142	6.501	6.501	(1.123)	249730	5.00000	5.6
	120 1-Methylnaphthalene	142	6.601	6.601	(1.140)	231476	5.00000	5.4(a)
	35 Hexachlorocyclopentadiene	237	6.672	6.672	(0.885)	50845	5.00000	4.4(a)
	9 2,4,6-Trichlorophenol	196	6.784	6.784	(0.899)	60209	5.00000	5.2
	10 2,4,5-Trichlorophenol	196	6.819	6.819	(0.904)	61733	5.00000	5.4
$	77 2-Fluorobiphenyl (SUR)	172	6.866	6.866	(0.910)	240947	5.00000	5.3
	102 Diphenyl	154	6.966	6.966	(0.924)	273638	5.00000	5.4
	36 2-Chloronaphthalene	162	6.989	6.989	(0.927)	206981	5.00000	5.2
	103 Diphenyl Ether	170	7.072	7.072	(0.938)	141167	5.00000	5.2
	37 2-Nitroaniline	65	7.084	7.084	(0.939)	129984	10.0000	9.7(a)
	38 Dimethylphthalate	163	7.266	7.266	(0.963)	196379	5.00000	5.1
	114 Coumarin	146	7.289	7.289	(1.259)	66119	5.00000	5.4
	40 2,6-Dinitrotoluene	165	7.319	7.319	(0.970)	7324	1.00000	0.87(a)
	39 Acenaphthylene	152	7.401	7.401	(0.981)	324269	5.00000	5.2
	41 3-Nitroaniline	138	7.489	7.489	(0.993)	99518	10.0000	10
*	82 Acenaphthene-d10	164	7.542	7.542	(1.000)	1269111	40.0000	
	42 Acenaphthene	154	7.572	7.572	(1.004)	218225	5.00000	5.7
	11 2,4-Dinitrophenol	184	7.589	7.589	(1.006)	45773	15.0000	12(a)
	12 4-Nitrophenol	65	7.648	7.648	(1.014)	90222	15.0000	15
	44 2,4-Dinitrotoluene	165	7.719	7.719	(1.023)	10183	1.00000	0.99(a)
	43 Dibenzofuran	168	7.742	7.742	(1.026)	266586	5.00000	5.4
	45 Diethylphthalate	149	7.960	7.960	(1.055)	194378	5.00000	5.2
	46 4-Chlorophenyl-phenylether	204	8.078	8.078	(1.071)	91001	5.00000	5.5

Data File: /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10414.d
Report Date: 19-May-2010 14:39

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	47 Fluorene	166	8.084	8.084	(1.072)	202791	5.00000	5.4
	48 4-Nitroaniline	138	8.089	8.089	(1.073)	81519	10.0000	10
	13 4,6-Dinitro-2-methylphenol	198	8.125	8.125	(0.901)	69085	15.0000	14(a)
	49 N-Nitrosodiphenylamine	169	8.195	8.195	(0.909)	116314	5.00000	4.8(a)
	75 1,2-Diphenylhydrazine	77	8.236	8.236	(0.914)	230861	5.00000	4.9(a)
$	18 2,4,6-Tribromophenol (SUR)	330	8.319	8.319	(1.103)	21658	5.00000	5.2
	50 4-Bromophenyl-phenylether	248	8.560	8.560	(0.950)	43949	5.00000	5.1
	51 Hexachlorobenzene	284	8.636	8.636	(0.958)	4804	0.50000	0.55
	112 Atrazine	200	8.713	8.713	(0.967)	37228	5.00000	5.3
	14 Pentachlorophenol	266	8.825	8.825	(0.979)	71846	15.0000	14(a)
*	83 Phenanthrene-d10	188	9.013	9.013	(1.000)	1512311	40.0000	
	52 Phenanthrene	178	9.036	9.036	(1.003)	230605	5.00000	5.2
	53 Anthracene	178	9.083	9.083	(1.008)	235755	5.00000	5.3
	54 Carbazole	167	9.236	9.236	(1.025)	195150	5.00000	5.4
	55 Di-n-butylphthalate	149	9.578	9.578	(1.063)	233976	5.00000	4.9(a)
	56 Fluoranthene	202	10.207	10.207	(1.132)	181135	5.00000	5.4
	58 Benzidine	184	10.336	10.336	(1.147)	25564	10.0000	8.8(a)
	57 Pyrene	202	10.442	10.442	(0.883)	180946	5.00000	4.9(a)
$	78 Terphenyl-d14	244	10.595	10.595	(0.896)	107791	5.00000	4.9(a)
	59 Butylbenzylphthalate	149	11.130	11.130	(0.941)	67323	5.00000	4.5(a)
	60 3,3'-Dichlorobenzidine	252	11.777	11.777	(0.996)	57918	10.0000	11
	61 Benzo(a)anthracene	228	11.813	11.813	(0.999)	11924	0.50000	0.55
*	81 Chrysene-d12	240	11.824	11.824	(1.000)	754705	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.842	11.842	(1.001)	85422	5.00000	4.4(a)
	62 Chrysene	228	11.860	11.860	(1.003)	104187	5.00000	5.2
	64 Di-n-octylphthalate	149	12.718	12.718	(0.922)	81330	5.00000	3.7(a)
	65 Benzo(b)fluoranthene	252	13.254	13.254	(0.961)	5397	0.50000	0.42(a)
	66 Benzo(k)fluoranthene	252	13.289	13.289	(0.964)	5991	0.50000	0.42(a)
	67 Benzo(a)pyrene	252	13.713	13.713	(0.994)	3676	0.50000	0.35(a)
*	84 Perylene-d12	264	13.789	13.789	(1.000)	443365	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	15.383	15.383	(1.116)	4550	0.50000	0.52
	69 Dibenz(a,h)anthracene	278	15.424	15.424	(1.119)	4515	0.50000	0.50
	70 Benzo(g,h,i)perylene	276	15.830	15.830	(1.148)	37253	5.00000	4.2(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z10414.d

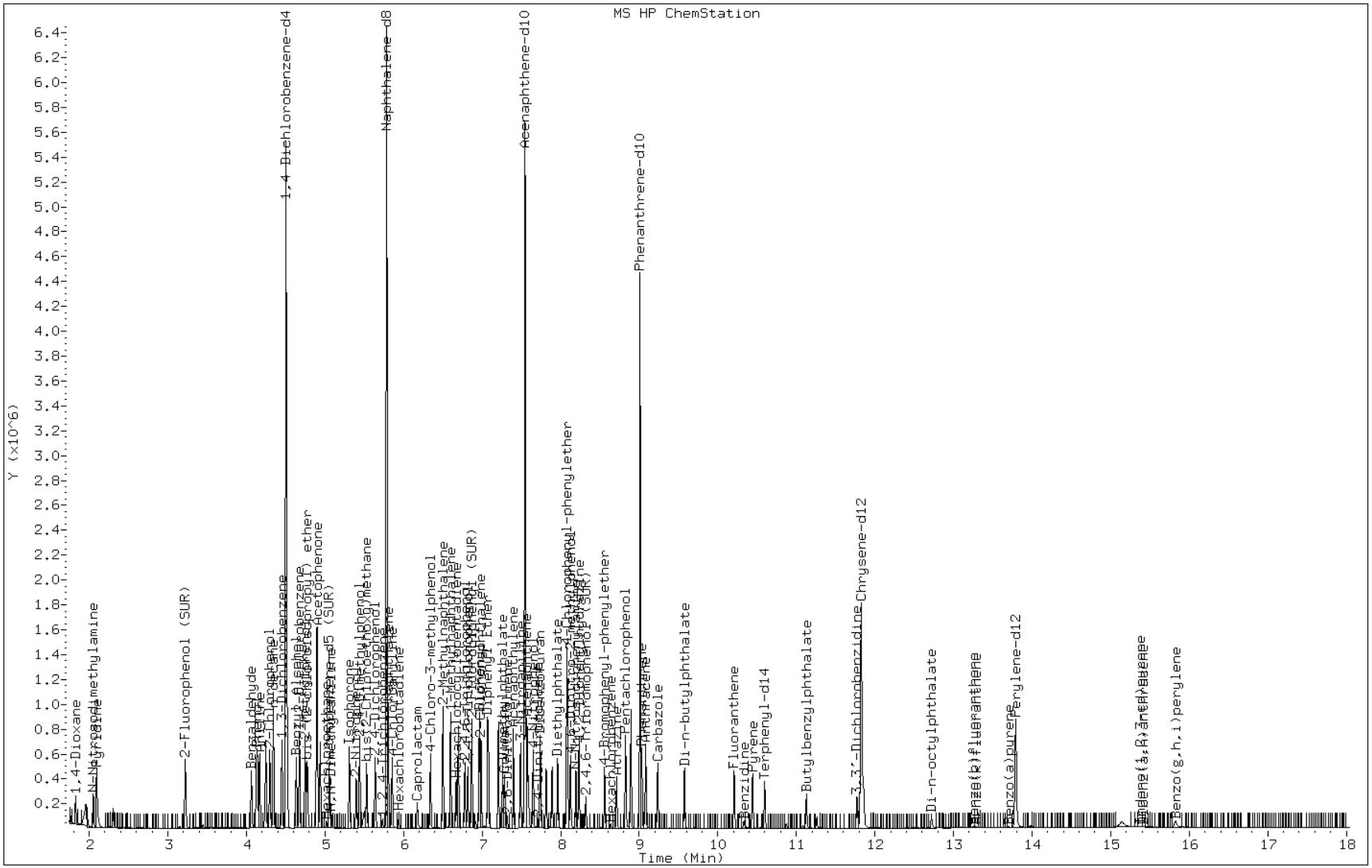
Date: 19-MAY-2010 11:10

Client ID:

Instrument: BNAMS11.i

Sample Info: IC-424483

Operator: BNAMS 4



Manual Integration Report

Data File: z10414.d
Inj. Date and Time: 19-MAY-2010 11:10
Instrument ID: BNAMS11.i
Client ID:
Compound: 20 bis(2-Chloroethyl)ether
CAS #: 111-44-4
Report Date: 05/22/2010

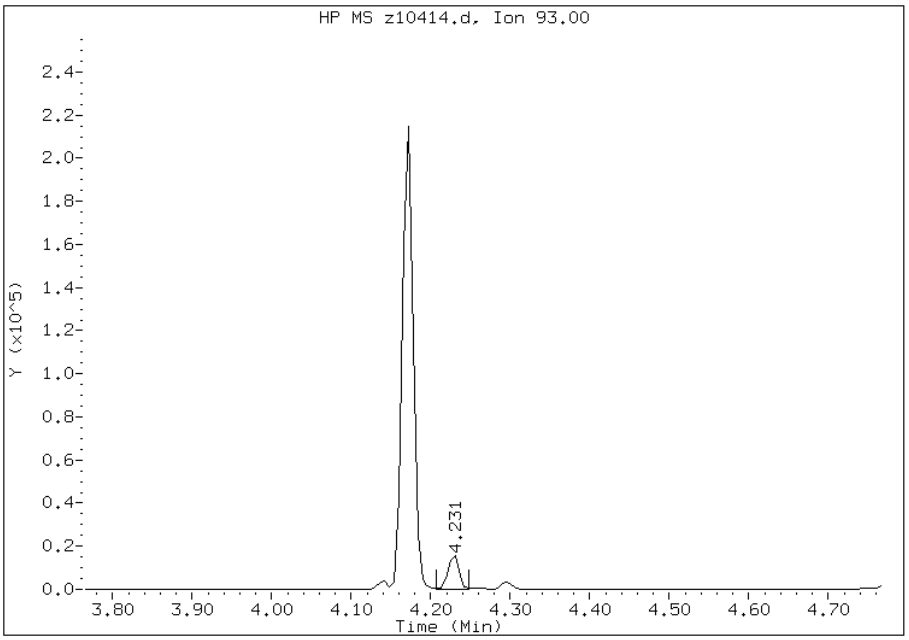
Processing Integration Results

RT: 4.23

Response: 15234

Amount: 1

Conc: 1



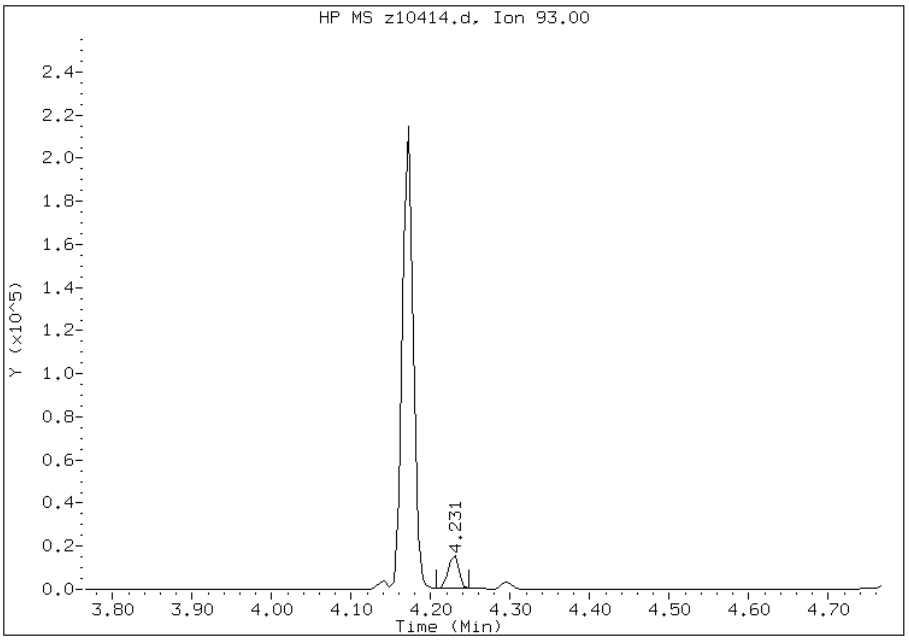
Manual Integration Results

RT: 4.23

Response: 14363

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason: Baseline Event

Data File: /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10415.d
Report Date: 19-May-2010 14:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10415.d
Lab Smp Id: IC-424488
Inj Date : 19-MAY-2010 11:35
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-424488
Misc Info : 80 ppm bna 4456
Comment :
Method : /chem/BNAMS11.i/8270/05-19-10del/19may10.b/8270Cdel_08.m
Meth Date : 19-May-2010 14:39 croccom Quant Type: ISTD
Cal Date : 19-MAY-2010 10:37 Cal File: z10413.d
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.855	1.855	(0.410)	922675	80.0000	79(H)
	19 N-Nitrosodimethylamine	74	2.107	2.107	(0.466)	1272658	80.0000	78(M)
	71 Pyridine	79	2.149	2.149	(0.475)	2218372	80.0000	78(MH)
$	16 2-Fluorophenol (SUR)	112	3.249	3.249	(0.719)	1867016	80.0000	76
	110 Benzaldehyde	77	4.078	4.078	(0.902)	194273	80.0000	24
$	17 Phenol-d5 (SUR)	99	4.154	4.154	(0.919)	2092235	80.0000	76
	1 Phenol	94	4.172	4.172	(0.923)	2384443	80.0000	78
	73 Aniline	93	4.190	4.190	(0.927)	2847696	80.0000	82
	20 bis(2-Chloroethyl)ether	93	4.254	4.254	(0.941)	1943166	80.0000	71
	2 2-Chlorophenol	128	4.319	4.319	(0.956)	1839773	80.0000	75
	113 n-decane	43	4.354	4.354	(0.964)	2726845	80.0000	76
	21 1,3-Dichlorobenzene	146	4.466	4.466	(0.988)	2365838	80.0000	76
*	79 1,4-Dichlorobenzene-d4	152	4.519	4.519	(1.000)	725289	40.0000	
	22 1,4-Dichlorobenzene	146	4.537	4.537	(1.004)	2349159	80.0000	76
	74 Benzyl Alcohol	108	4.660	4.660	(1.031)	1197803	80.0000	78

Data File: /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10415.d
Report Date: 19-May-2010 14:39

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	23 1,2-Dichlorobenzene	146	4.690	4.690	(1.038)	2162871	80.0000	75
	3 2-Methylphenol	108	4.772	4.772	(1.056)	1545438	80.0000	75
	122 o-Toluidine	107	4.931	4.931	(1.091)	3447588	80.0000	73(MH)
	24 bis (2-chloroisopropyl) ether	45	4.784	4.784	(1.059)	3375898	80.0000	76
	4 4-Methylphenol	108	4.931	4.931	(1.091)	1569542	80.0000	73(H)
	121 3 & 4 Methylphenol	108	4.931	4.931	(1.091)	1569542	80.0000	73(H)
	104 Acetophenone	105	4.931	4.931	(1.091)	2250657	80.0000	75
	25 N-Nitroso-di-n-propylamine	70	4.937	4.937	(1.092)	1200164	80.0000	77(MH)
	26 Hexachloroethane	117	5.031	5.031	(1.113)	879555	80.0000	77
$	76 Nitrobenzene-d5 (SUR)	82	5.078	5.078	(0.876)	1921796	80.0000	80
	107 N,N-Dimethylaniline	120	5.101	5.101	(1.129)	2647486	80.0000	75
	27 Nitrobenzene	77	5.101	5.101	(0.880)	2632608	80.0000	78
	28 Isophorone	82	5.337	5.337	(0.921)	3215119	80.0000	79
	5 2-Nitrophenol	139	5.413	5.413	(0.934)	1016703	80.0000	80
	6 2,4-Dimethylphenol	122	5.460	5.460	(0.942)	1404712	80.0000	76
	29 bis(2-Chloroethoxy)methane	93	5.548	5.548	(0.957)	1941511	80.0000	79
	7 2,4-Dichlorophenol	162	5.660	5.660	(0.977)	1313745	80.0000	77
	30 1,2,4-Trichlorobenzene	180	5.743	5.743	(0.991)	1521835	80.0000	77
*	80 Naphthalene-d8	136	5.795	5.795	(1.000)	2508384	40.0000	
	31 Naphthalene	128	5.819	5.819	(1.004)	5090675	80.0000	77
	32 4-Chloroaniline	127	5.866	5.866	(1.012)	1825195	80.0000	76
	33 Hexachlorobutadiene	225	5.948	5.948	(1.026)	828442	80.0000	76
	111 Caprolactam	113	6.266	6.266	(1.081)	383051	80.0000	81(H)
	8 4-Chloro-3-methylphenol	107	6.360	6.360	(1.097)	1258630	80.0000	76
	34 2-Methylnaphthalene	142	6.513	6.513	(1.124)	3064509	80.0000	75
	120 1-Methylnaphthalene	142	6.613	6.613	(1.141)	3032833	80.0000	77
	35 Hexachlorocyclopentadiene	237	6.672	6.672	(0.884)	879868	80.0000	89
	9 2,4,6-Trichlorophenol	196	6.795	6.795	(0.900)	759042	80.0000	77
	10 2,4,5-Trichlorophenol	196	6.837	6.837	(0.906)	761553	80.0000	78
$	77 2-Fluorobiphenyl (SUR)	172	6.878	6.878	(0.911)	2985989	80.0000	77
	102 Diphenyl	154	6.978	6.978	(0.924)	3376137	80.0000	77
	36 2-Chloronaphthalene	162	7.001	7.001	(0.928)	2619063	80.0000	77
	103 Diphenyl Ether	170	7.078	7.078	(0.938)	1807226	80.0000	78
	37 2-Nitroaniline	65	7.101	7.101	(0.941)	971873	80.0000	84
	38 Dimethylphthalate	163	7.278	7.278	(0.964)	2533085	80.0000	77
	114 Coumarin	146	7.307	7.307	(1.261)	846859	80.0000	76
	40 2,6-Dinitrotoluene	165	7.337	7.337	(0.972)	577749	80.0000	80
	39 Acenaphthylene	152	7.413	7.413	(0.982)	4166660	80.0000	78
	41 3-Nitroaniline	138	7.507	7.507	(0.995)	630088	80.0000	77
*	82 Acenaphthene-d10	164	7.548	7.548	(1.000)	1088357	40.0000	
	42 Acenaphthene	154	7.584	7.584	(1.005)	2395507	80.0000	73
	11 2,4-Dinitrophenol	184	7.607	7.607	(1.008)	286079	80.0000	84
	12 4-Nitrophenol	65	7.666	7.666	(1.016)	402792	80.0000	77
	44 2,4-Dinitrotoluene	165	7.737	7.737	(1.025)	683953	80.0000	78
	43 Dibenzofuran	168	7.754	7.754	(1.027)	3235789	80.0000	76
	45 Diethylphthalate	149	7.978	7.978	(1.057)	2417317	80.0000	76
	46 4-Chlorophenyl-phenylether	204	8.084	8.084	(1.071)	1082318	80.0000	76

Data File: /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10415.d
Report Date: 19-May-2010 14:39

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	47 Fluorene	166	8.095	8.095	(1.072)	2385418	80.0000	74
	48 4-Nitroaniline	138	8.113	8.113	(1.075)	522620	80.0000	77
	13 4,6-Dinitro-2-methylphenol	198	8.142	8.142	(0.903)	327919	80.0000	80
	49 N-Nitrosodiphenylamine	169	8.207	8.207	(0.911)	1566045	80.0000	81
	75 1,2-Diphenylhydrazine	77	8.242	8.242	(0.914)	3013919	80.0000	80
$	18 2,4,6-Tribromophenol (SUR)	330	8.331	8.331	(1.104)	275853	80.0000	78
	50 4-Bromophenyl-phenylether	248	8.566	8.566	(0.950)	538131	80.0000	78
	51 Hexachlorobenzene	284	8.642	8.642	(0.959)	535589	80.0000	76
	112 Atrazine	200	8.731	8.731	(0.969)	441932	80.0000	78
	14 Pentachlorophenol	266	8.831	8.831	(0.980)	323776	80.0000	82
*	83 Phenanthrene-d10	188	9.013	9.013	(1.000)	1215814	40.0000	
	52 Phenanthrene	178	9.042	9.042	(1.003)	2715515	80.0000	77
	53 Anthracene	178	9.089	9.089	(1.008)	2748484	80.0000	77
	54 Carbazole	167	9.242	9.242	(1.025)	2246395	80.0000	77
	55 Di-n-butylphthalate	149	9.578	9.578	(1.063)	3054085	80.0000	80
	56 Fluoranthene	202	10.213	10.213	(1.133)	2076438	80.0000	76
	58 Benzidine	184	10.336	10.336	(1.147)	90088	80.0000	38
	57 Pyrene	202	10.448	10.448	(0.883)	2023877	80.0000	79
$	78 Terphenyl-d14	244	10.601	10.601	(0.896)	1201882	80.0000	78
	59 Butylbenzylphthalate	149	11.130	11.130	(0.941)	867005	80.0000	82
	60 3,3'-Dichlorobenzidine	252	11.777	11.777	(0.996)	277133	80.0000	74
	61 Benzo(a)anthracene	228	11.819	11.819	(0.999)	1198646	80.0000	78
*	81 Chrysene-d12	240	11.830	11.830	(1.000)	528976	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.842	11.842	(1.001)	1168920	80.0000	85
	62 Chrysene	228	11.866	11.866	(1.003)	1115944	80.0000	79
	64 Di-n-octylphthalate	149	12.719	12.719	(0.922)	1484563	80.0000	87
	65 Benzo(b)fluoranthene	252	13.260	13.260	(0.962)	813201	80.0000	82
	66 Benzo(k)fluoranthene	252	13.301	13.301	(0.965)	915872	80.0000	83
	67 Benzo(a)pyrene	252	13.713	13.713	(0.994)	703268	80.0000	85
*	84 Perylene-d12	264	13.789	13.789	(1.000)	345432	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	15.389	15.389	(1.116)	554490	80.0000	81(M)
	69 Dibenz(a,h)anthracene	278	15.424	15.424	(1.119)	553239	80.0000	79
	70 Benzo(g,h,i)perylene	276	15.842	15.842	(1.149)	566635	80.0000	82

QC Flag Legend

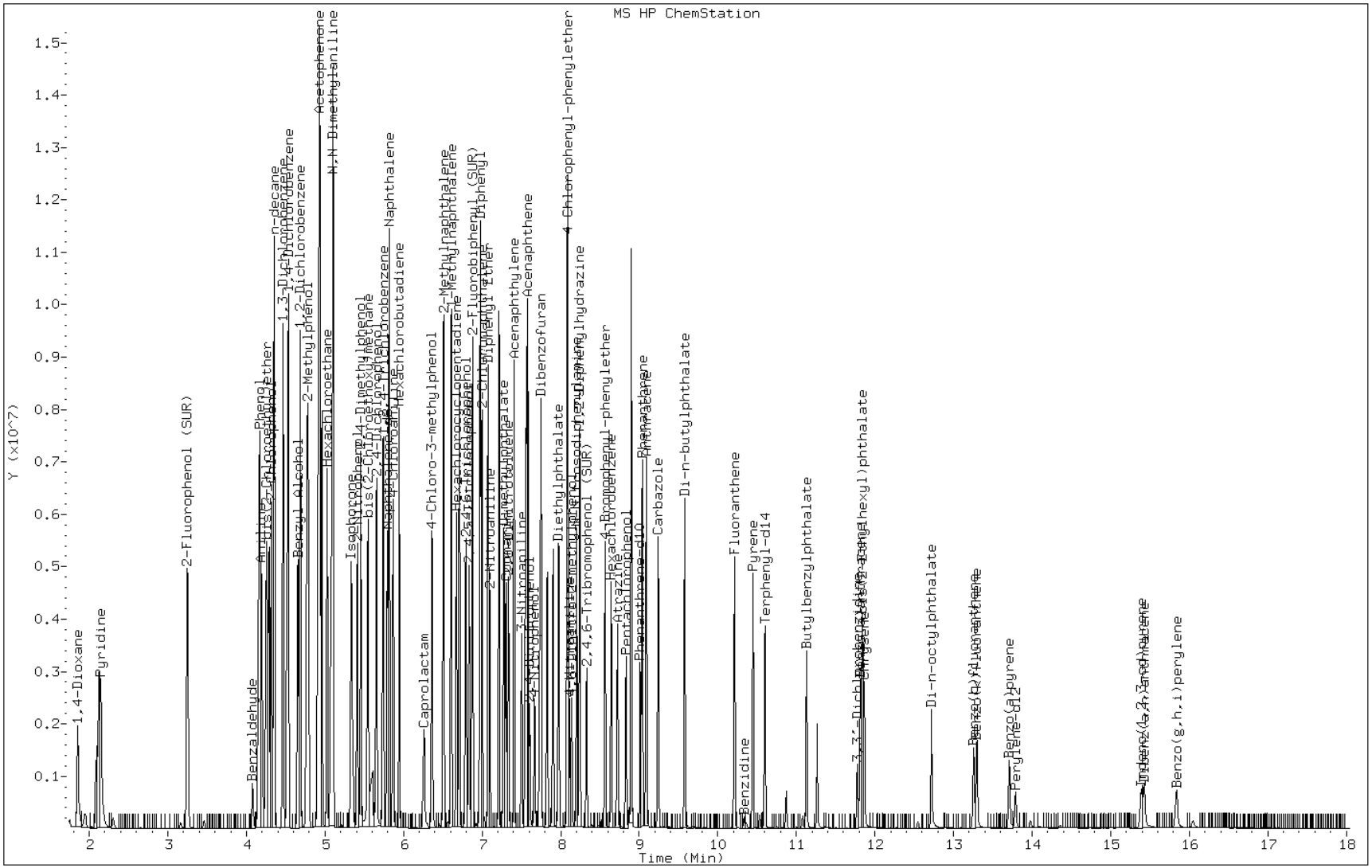
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z10415.d

Date: 19-MAY-2010 11:35

Client ID: Instrument: BNAMS11.i

Sample Info: IC-424488 Operator: BNAMS 4



Manual Integration Report

Data File: z10415.d
Inj. Date and Time: 19-MAY-2010 11:35
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 05/22/2010

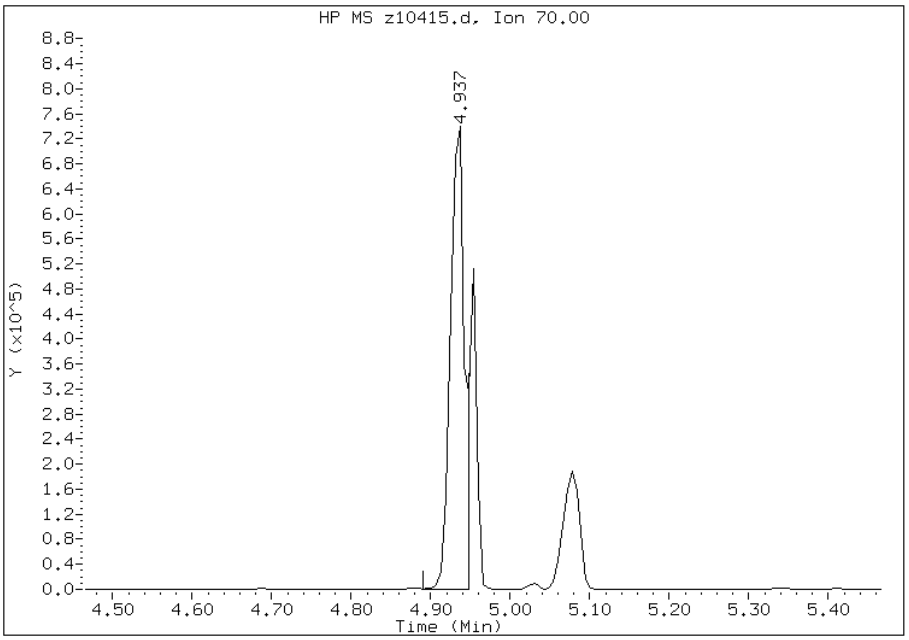
Processing Integration Results

RT: 4.94

Response: 961372

Amount: 88

Conc: 88



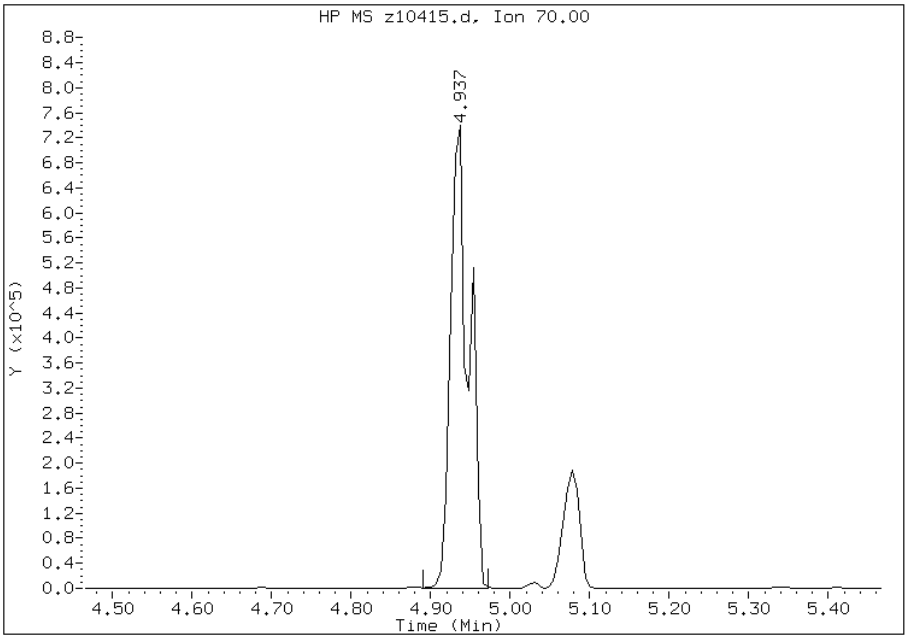
Manual Integration Results

RT: 4.94

Response: 1200164

Amount: 77

Conc: 77



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: z10415.d
Inj. Date and Time: 19-MAY-2010 11:35
Instrument ID: BNAMS11.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 05/22/2010

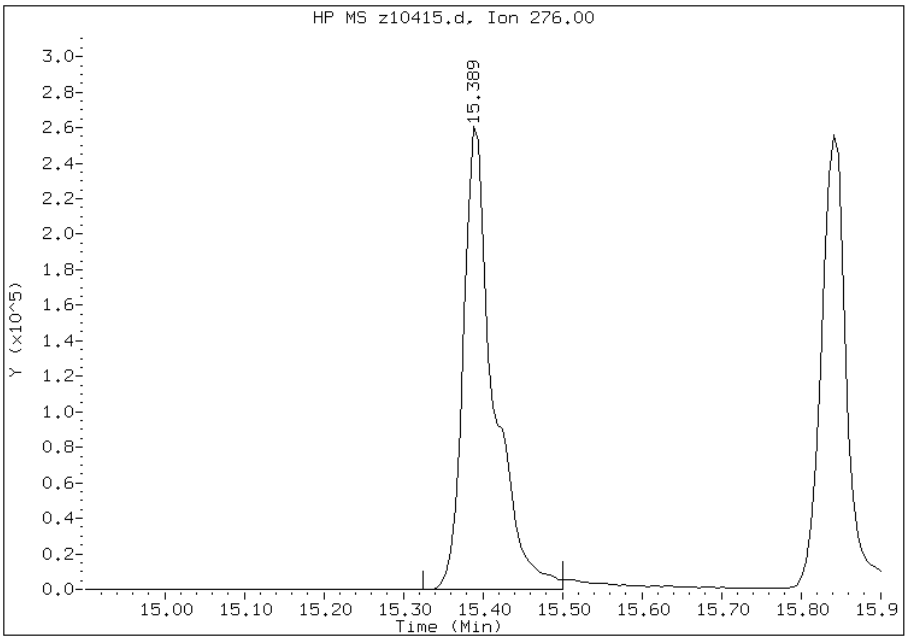
Processing Integration Results

RT: 15.39

Response: 688915

Amount: 123

Conc: 123



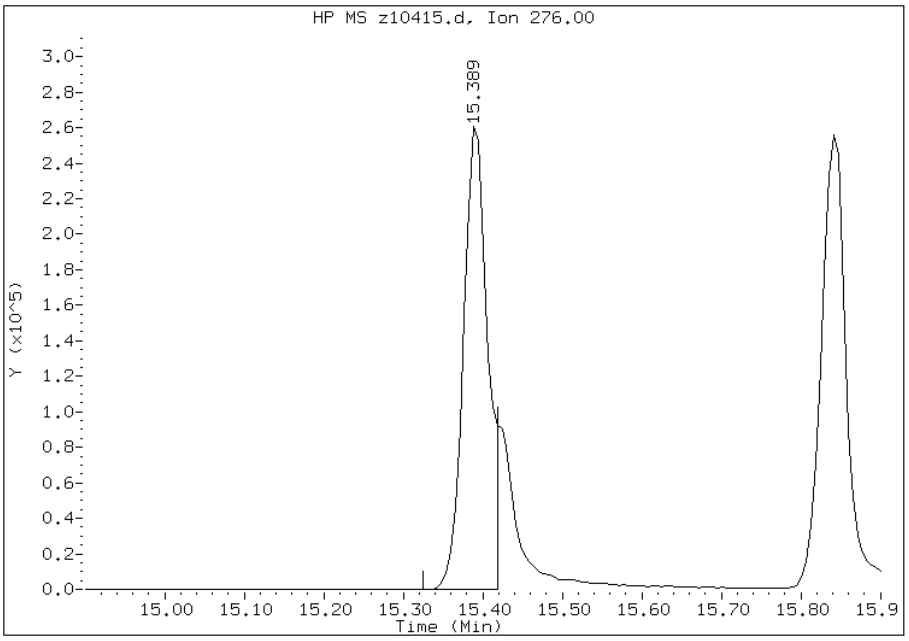
Manual Integration Results

RT: 15.39

Response: 554490

Amount: 81

Conc: 81



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: z10415.d
Inj. Date and Time: 19-MAY-2010 11:35
Instrument ID: BNAMS11.i
Client ID:
Compound: 122 o-Toluidine
CAS #: 95-53-4
Report Date: 05/22/2010

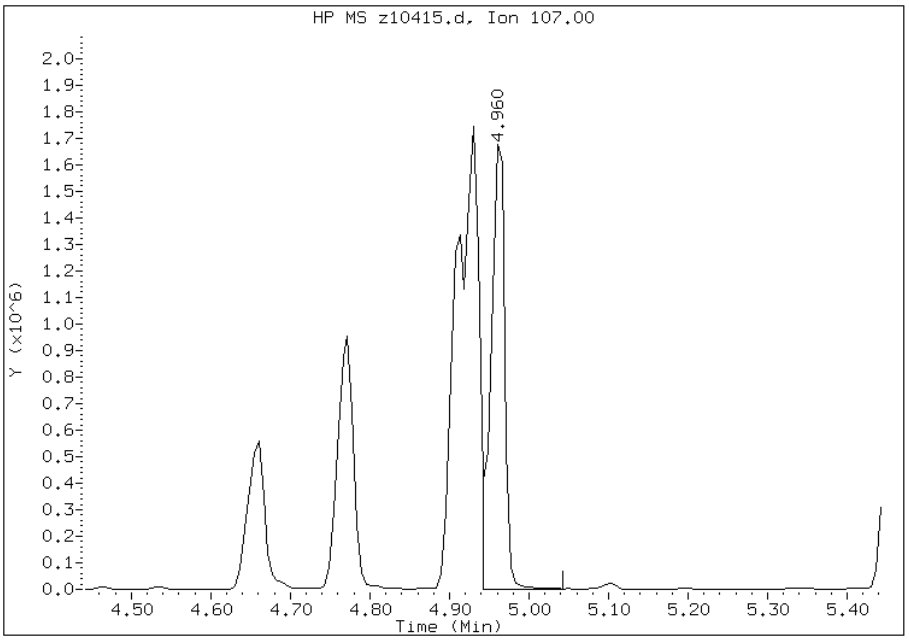
Processing Integration Results

RT: 4.96

Response: 2109711

Amount: 68

Conc: 68



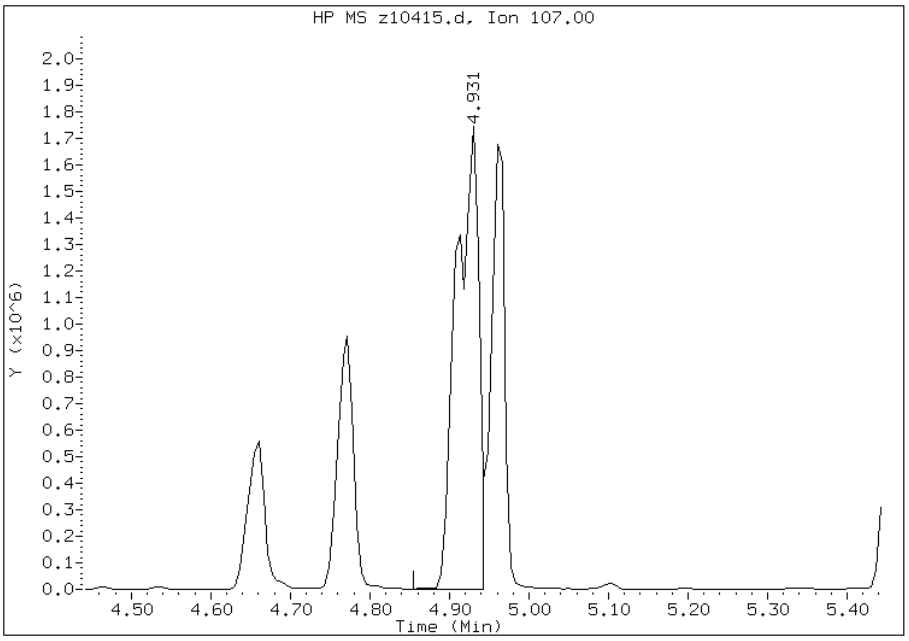
Manual Integration Results

RT: 4.93

Response: 3447588

Amount: 73

Conc: 73



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: z10415.d
Inj. Date and Time: 19-MAY-2010 11:35
Instrument ID: BNAMS11.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 05/22/2010

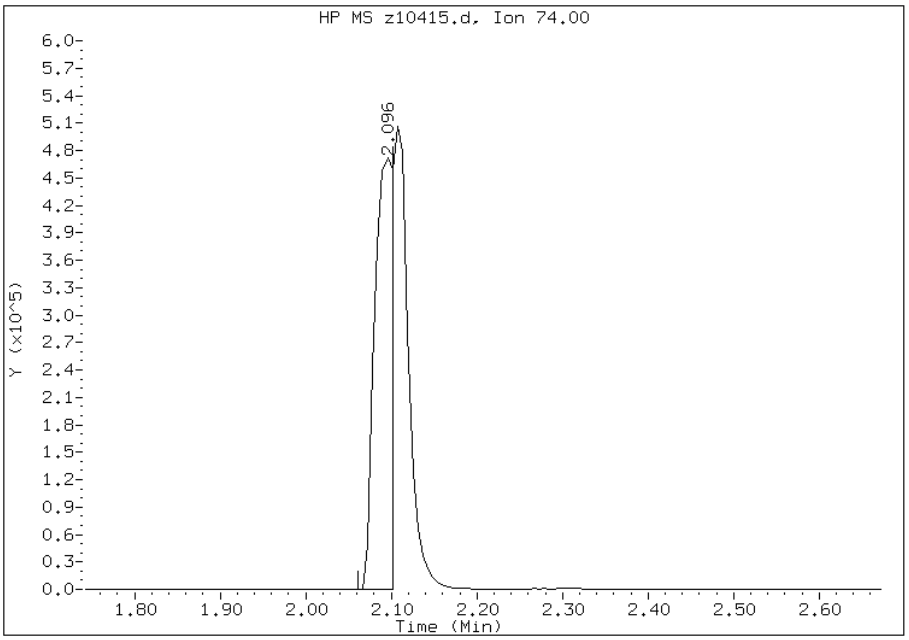
Processing Integration Results

RT: 2.10

Response: 725489

Amount: 68

Conc: 68



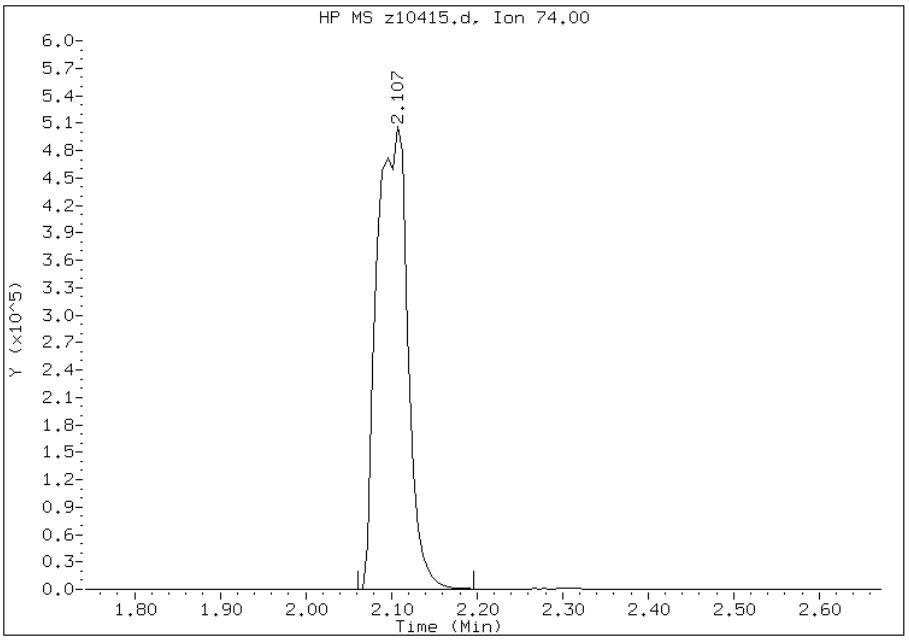
Manual Integration Results

RT: 2.11

Response: 1272658

Amount: 78

Conc: 78



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: z10415.d
Inj. Date and Time: 19-MAY-2010 11:35
Instrument ID: BNAMS11.i
Client ID:
Compound: 71 Pyridine
CAS #: 110-86-1
Report Date: 05/22/2010

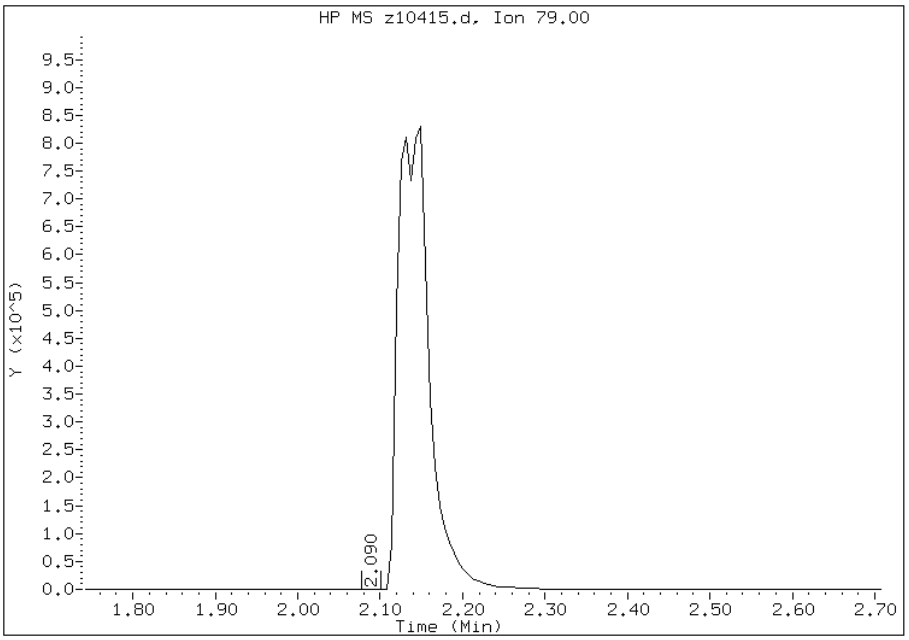
Processing Integration Results

RT: 2.09

Response: 112

Amount: 0

Conc: 0



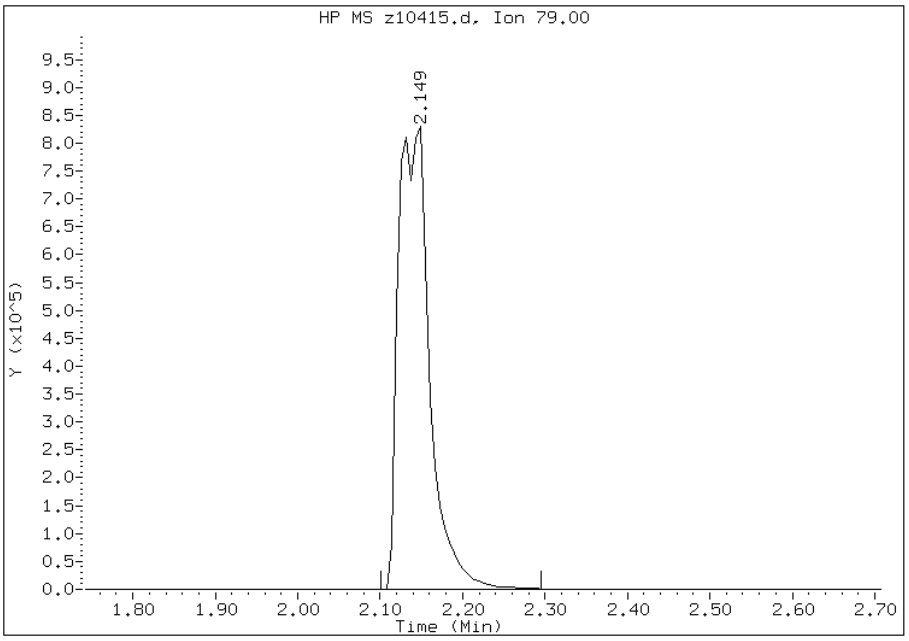
Manual Integration Results

RT: 2.15

Response: 2218372

Amount: 78

Conc: 78



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Data File: /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10416.d
Report Date: 19-May-2010 14:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10416.d
Lab Smp Id: IC-424485
Inj Date : 19-MAY-2010 11:59
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-424485
Misc Info : 20 ppm bna 4456
Comment :
Method : /chem/BNAMS11.i/8270/05-19-10del/19may10.b/8270Cdel_08.m
Meth Date : 19-May-2010 14:39 croccom Quant Type: ISTD
Cal Date : 19-MAY-2010 10:37 Cal File: z10413.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.813	1.813	(0.402)	220360	20.0000	19(H)
	19 N-Nitrosodimethylamine	74	2.037	2.037	(0.452)	310602	20.0000	20(H)
	71 Pyridine	79	2.078	2.078	(0.461)	553331	20.0000	20(H)
$	16 2-Fluorophenol (SUR)	112	3.219	3.219	(0.714)	494531	20.0000	21
	110 Benzaldehyde	77	4.066	4.066	(0.902)	204311	20.0000	26
$	17 Phenol-d5 (SUR)	99	4.131	4.131	(0.916)	539145	20.0000	20
	1 Phenol	94	4.143	4.143	(0.919)	586805	20.0000	20(H)
	73 Aniline	93	4.172	4.172	(0.926)	716765	20.0000	21
	20 bis(2-Chloroethyl)ether	93	4.231	4.231	(0.939)	478124	20.0000	18
	2 2-Chlorophenol	128	4.301	4.301	(0.954)	496029	20.0000	21
	113 n-decane	43	4.348	4.348	(0.965)	742691	20.0000	21
	21 1,3-Dichlorobenzene	146	4.454	4.454	(0.988)	618018	20.0000	21
*	79 1,4-Dichlorobenzene-d4	152	4.507	4.507	(1.000)	699644	40.0000	
	22 1,4-Dichlorobenzene	146	4.525	4.525	(1.004)	608418	20.0000	20
	74 Benzyl Alcohol	108	4.637	4.637	(1.029)	304037	20.0000	21

Data File: /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10416.d
Report Date: 19-May-2010 14:39

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	23 1,2-Dichlorobenzene	146	4.678	4.678	(1.038)	575889	20.0000	21
	3 2-Methylphenol	108	4.754	4.754	(1.055)	413515	20.0000	21
	122 o-Toluidine	107	4.901	4.901	(1.087)	924104	20.0000	20
	24 bis (2-chloroisopropyl) ether	45	4.778	4.778	(1.060)	910804	20.0000	21
	4 4-Methylphenol	108	4.907	4.907	(1.089)	429216	20.0000	21
	121 3 & 4 Methylphenol	108	4.907	4.907	(1.089)	429216	20.0000	21
	104 Acetophenone	105	4.907	4.907	(1.089)	602330	20.0000	21
	25 N-Nitroso-di-n-propylamine	70	4.907	4.907	(1.089)	314721	20.0000	21
	26 Hexachloroethane	117	5.025	5.025	(1.115)	220142	20.0000	20
$	76 Nitrobenzene-d5 (SUR)	82	5.060	5.060	(0.874)	485621	20.0000	20
	107 N,N-Dimethylaniline	120	5.084	5.084	(1.128)	713845	20.0000	21
	27 Nitrobenzene	77	5.084	5.084	(0.878)	692230	20.0000	20
	28 Isophorone	82	5.319	5.319	(0.919)	819155	20.0000	20
	5 2-Nitrophenol	139	5.401	5.401	(0.933)	255670	20.0000	20
	6 2,4-Dimethylphenol	122	5.442	5.442	(0.940)	384372	20.0000	21
	29 bis(2-Chloroethoxy)methane	93	5.537	5.537	(0.956)	486512	20.0000	20
	7 2,4-Dichlorophenol	162	5.642	5.642	(0.975)	355656	20.0000	21
	30 1,2,4-Trichlorobenzene	180	5.731	5.731	(0.990)	400775	20.0000	20
*	80 Naphthalene-d8	136	5.789	5.789	(1.000)	2516226	40.0000	
	31 Naphthalene	128	5.813	5.813	(1.004)	1346514	20.0000	20
	32 4-Chloroaniline	127	5.860	5.860	(1.012)	505873	20.0000	21
	33 Hexachlorobutadiene	225	5.942	5.942	(1.026)	218103	20.0000	20
	111 Caprolactam	113	6.201	6.201	(1.071)	99689	20.0000	21(H)
	8 4-Chloro-3-methylphenol	107	6.348	6.348	(1.097)	341838	20.0000	21
	34 2-Methylnaphthalene	142	6.501	6.501	(1.123)	836344	20.0000	20
	120 1-Methylnaphthalene	142	6.601	6.601	(1.140)	824430	20.0000	21
	35 Hexachlorocyclopentadiene	237	6.672	6.672	(0.884)	196370	20.0000	19
	9 2,4,6-Trichlorophenol	196	6.784	6.784	(0.899)	204612	20.0000	20
	10 2,4,5-Trichlorophenol	196	6.825	6.825	(0.904)	212323	20.0000	21
$	77 2-Fluorobiphenyl (SUR)	172	6.872	6.872	(0.910)	823628	20.0000	20
	102 Diphenyl	154	6.966	6.966	(0.923)	940783	20.0000	20
	36 2-Chloronaphthalene	162	6.989	6.989	(0.926)	729905	20.0000	20
	103 Diphenyl Ether	170	7.072	7.072	(0.937)	501616	20.0000	20
	37 2-Nitroaniline	65	7.084	7.084	(0.938)	262032	20.0000	22
	38 Dimethylphthalate	163	7.266	7.266	(0.963)	714994	20.0000	21
	114 Coumarin	146	7.289	7.289	(1.259)	236593	20.0000	21
	40 2,6-Dinitrotoluene	165	7.325	7.325	(0.970)	159096	20.0000	21
	39 Acenaphthylene	152	7.401	7.401	(0.981)	1153484	20.0000	20
	41 3-Nitroaniline	138	7.489	7.489	(0.992)	176300	20.0000	20
*	82 Acenaphthene-d10	164	7.548	7.548	(1.000)	1143813	40.0000	
	42 Acenaphthene	154	7.578	7.578	(1.004)	728546	20.0000	21
	11 2,4-Dinitrophenol	184	7.595	7.595	(1.006)	104939	30.0000	29
	12 4-Nitrophenol	65	7.654	7.654	(1.014)	172477	30.0000	32
	44 2,4-Dinitrotoluene	165	7.725	7.725	(1.023)	193388	20.0000	21
	43 Dibenzofuran	168	7.748	7.748	(1.026)	930733	20.0000	21
	45 Diethylphthalate	149	7.966	7.966	(1.055)	686971	20.0000	21
	46 4-Chlorophenyl-phenylether	204	8.078	8.078	(1.070)	308004	20.0000	20

Data File: /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10416.d
Report Date: 19-May-2010 14:39

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	47 Fluorene	166	8.083	8.083	(1.071)	707355	20.0000	21
	48 4-Nitroaniline	138	8.095	8.095	(1.072)	154863	20.0000	22(H)
	13 4,6-Dinitro-2-methylphenol	198	8.125	8.125	(0.901)	136906	30.0000	30
	49 N-Nitrosodiphenylamine	169	8.195	8.195	(0.909)	436092	20.0000	20
	75 1,2-Diphenylhydrazine	77	8.236	8.236	(0.914)	843321	20.0000	20
$	18 2,4,6-Tribromophenol (SUR)	330	8.325	8.325	(1.103)	76076	20.0000	20
	50 4-Bromophenyl-phenylether	248	8.566	8.566	(0.950)	154673	20.0000	20
	51 Hexachlorobenzene	284	8.636	8.636	(0.958)	155837	20.0000	20
	112 Atrazine	200	8.719	8.719	(0.967)	129675	20.0000	20
	14 Pentachlorophenol	266	8.825	8.825	(0.979)	129882	30.0000	29
*	83 Phenanthrene-d10	188	9.013	9.013	(1.000)	1369677	40.0000	
	52 Phenanthrene	178	9.036	9.036	(1.003)	820528	20.0000	20
	53 Anthracene	178	9.083	9.083	(1.008)	825100	20.0000	20
	54 Carbazole	167	9.236	9.236	(1.025)	683793	20.0000	21
	55 Di-n-butylphthalate	149	9.572	9.572	(1.062)	892607	20.0000	21
	56 Fluoranthene	202	10.207	10.207	(1.132)	642932	20.0000	21
	58 Benzidine	184	10.330	10.330	(1.146)	177755	30.0000	67
	57 Pyrene	202	10.442	10.442	(0.883)	640367	20.0000	20
$	78 Terphenyl-d14	244	10.595	10.595	(0.896)	386511	20.0000	20
	59 Butylbenzylphthalate	149	11.130	11.130	(0.941)	262023	20.0000	20
	60 3,3'-Dichlorobenzidine	252	11.771	11.771	(0.996)	151818	30.0000	32
	61 Benzo(a)anthracene	228	11.813	11.813	(0.999)	372079	20.0000	19
*	81 Chrysene-d12	240	11.824	11.824	(1.000)	667909	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.842	11.842	(1.001)	338774	20.0000	20
	62 Chrysene	228	11.854	11.854	(1.002)	362233	20.0000	20
	64 Di-n-octylphthalate	149	12.718	12.718	(0.922)	396189	20.0000	19
	65 Benzo(b)fluoranthene	252	13.254	13.254	(0.961)	241137	20.0000	20
	66 Benzo(k)fluoranthene	252	13.289	13.289	(0.964)	272824	20.0000	20
	67 Benzo(a)pyrene	252	13.707	13.707	(0.994)	206450	20.0000	20
*	84 Perylene-d12	264	13.789	13.789	(1.000)	420518	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	15.377	15.377	(1.115)	145492	20.0000	17(M)
	69 Dibenz(a,h)anthracene	278	15.418	15.418	(1.118)	150456	20.0000	18
	70 Benzo(g,h,i)perylene	276	15.830	15.830	(1.148)	157911	20.0000	19

QC Flag Legend

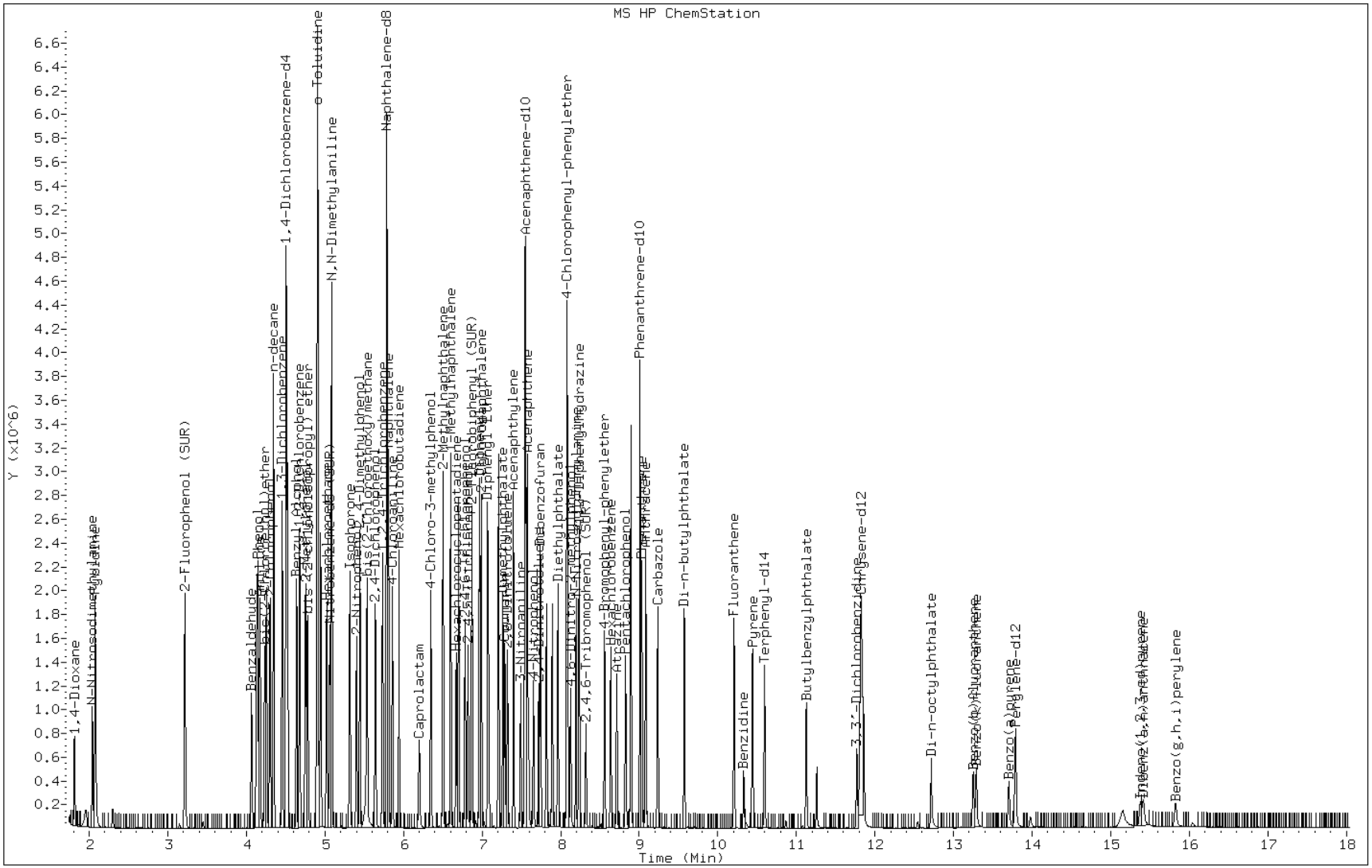
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z10416.d

Date: 19-MAY-2010 11:59

Client ID: Instrument: BNAMS11.i

Sample Info: IC-424485 Operator: BNAMS 4



Manual Integration Report

Data File: z10416.d
Inj. Date and Time: 19-MAY-2010 11:59
Instrument ID: BNAMS11.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 05/22/2010

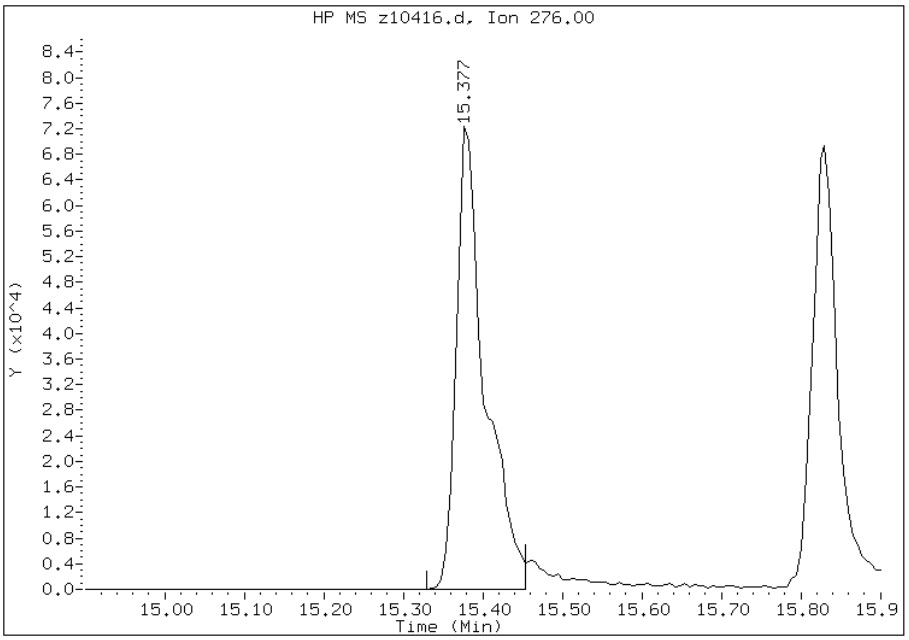
Processing Integration Results

RT: 15.38

Response: 184131

Amount: 27

Conc: 27



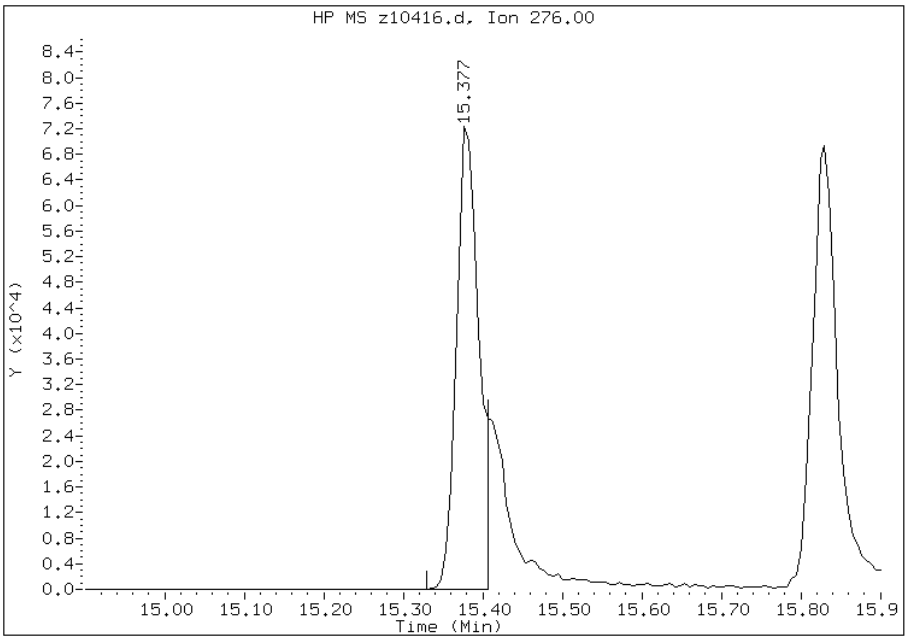
Manual Integration Results

RT: 15.38

Response: 145492

Amount: 17

Conc: 17



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10418.d
Report Date: 19-May-2010 14:39

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10418.d
Lab Smp Id: IC-424489
Inj Date : 19-MAY-2010 12:49
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : IC-424489
Misc Info : 120 ppm bna 4456
Comment :
Method : /chem/BNAMS11.i/8270/05-19-10del/19may10.b/8270Cdel_08.m
Meth Date : 19-May-2010 14:39 croccom Quant Type: ISTD
Cal Date : 19-MAY-2010 10:37 Cal File: z10413.d
Als bottle: 7 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.907	1.907	(0.422)	1442231	120.000	120(AH)
	19 N-Nitrosodimethylamine	74	2.172	2.172	(0.481)	1954921	120.000	120(AMH)
	71 Pyridine	79	2.207	2.207	(0.488)	3392717	120.000	120(MH)
$	16 2-Fluorophenol (SUR)	112	3.284	3.284	(0.727)	2761128	120.000	110
	110 Benzaldehyde	77	4.090	4.090	(0.905)	334007	120.000	41
$	17 Phenol-d5 (SUR)	99	4.166	4.166	(0.922)	3011986	120.000	110
	1 Phenol	94	4.178	4.178	(0.924)	3531025	120.000	120
	73 Aniline	93	4.195	4.195	(0.928)	3166826	120.000	92
	20 bis(2-Chloroethyl)ether	93	4.266	4.266	(0.944)	4319127	120.000	160(AM)
	2 2-Chlorophenol	128	4.331	4.331	(0.958)	2661404	120.000	110
	113 n-decane	43	4.360	4.360	(0.965)	3772278	120.000	100
	21 1,3-Dichlorobenzene	146	4.472	4.472	(0.990)	3563605	120.000	120
*	79 1,4-Dichlorobenzene-d4	152	4.519	4.519	(1.000)	719527	40.0000	
	22 1,4-Dichlorobenzene	146	4.542	4.542	(1.005)	3501211	120.000	110
	74 Benzyl Alcohol	108	4.666	4.666	(1.033)	1780766	120.000	120

Data File: /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10418.d
Report Date: 19-May-2010 14:39

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	23 1,2-Dichlorobenzene	146	4.689	4.689	(1.038)	3237329	120.000	110
	3 2-Methylphenol	108	4.778	4.778	(1.057)	2243509	120.000	110
	122 o-Toluidine	107	4.942	4.942	(1.094)	5755850	120.000	120(AM)
	24 bis (2-chloroisopropyl) ether	45	4.789	4.789	(1.060)	4862034	120.000	110
	4 4-Methylphenol	108	4.942	4.942	(1.094)	2357613	120.000	110
	121 3 & 4 Methylphenol	108	4.942	4.942	(1.094)	2357613	120.000	110
	104 Acetophenone	105	4.942	4.942	(1.094)	3335328	120.000	110
	25 N-Nitroso-di-n-propylamine	70	4.966	4.966	(1.099)	1778172	120.000	110(MH)
	26 Hexachloroethane	117	5.031	5.031	(1.113)	1322691	120.000	120
$	76 Nitrobenzene-d5 (SUR)	82	5.089	5.089	(0.877)	2771927	120.000	120
	107 N,N-Dimethylaniline	120	5.107	5.107	(1.130)	3942569	120.000	110
	27 Nitrobenzene	77	5.113	5.113	(0.881)	3832205	120.000	120
	28 Isophorone	82	5.348	5.348	(0.922)	4814239	120.000	120
	5 2-Nitrophenol	139	5.419	5.419	(0.934)	1480227	120.000	120
	6 2,4-Dimethylphenol	122	5.466	5.466	(0.942)	1989231	120.000	110
	29 bis(2-Chloroethoxy)methane	93	5.554	5.554	(0.957)	2929028	120.000	120(A)
	7 2,4-Dichlorophenol	162	5.666	5.666	(0.977)	1847107	120.000	110
	30 1,2,4-Trichlorobenzene	180	5.742	5.742	(0.990)	2284795	120.000	120
*	80 Naphthalene-d8	136	5.801	5.801	(1.000)	2475186	40.0000	
	31 Naphthalene	128	5.825	5.825	(1.004)	7546065	120.000	120
	32 4-Chloroaniline	127	5.872	5.872	(1.012)	2640847	120.000	110
	33 Hexachlorobutadiene	225	5.948	5.948	(1.025)	1253764	120.000	120
	111 Caprolactam	113	6.295	6.295	(1.085)	534877	120.000	110(H)
	8 4-Chloro-3-methylphenol	107	6.372	6.372	(1.098)	1776633	120.000	110
	34 2-Methylnaphthalene	142	6.513	6.513	(1.123)	4531667	120.000	110
	120 1-Methylnaphthalene	142	6.613	6.613	(1.140)	4298548	120.000	110
	35 Hexachlorocyclopentadiene	237	6.678	6.678	(0.885)	1268725	120.000	130(A)
	9 2,4,6-Trichlorophenol	196	6.801	6.801	(0.901)	1148016	120.000	120(A)
	10 2,4,5-Trichlorophenol	196	6.842	6.842	(0.906)	1050491	120.000	110
$	77 2-Fluorobiphenyl (SUR)	172	6.878	6.878	(0.911)	4302634	120.000	120
	102 Diphenyl	154	6.983	6.983	(0.925)	4825125	120.000	120
	36 2-Chloronaphthalene	162	7.001	7.001	(0.928)	3779035	120.000	120
	103 Diphenyl Ether	170	7.083	7.083	(0.938)	2648803	120.000	120
	37 2-Nitroaniline	65	7.107	7.107	(0.942)	1095023	120.000	100(H)
	38 Dimethylphthalate	163	7.283	7.283	(0.965)	3673187	120.000	120
	114 Coumarin	146	7.313	7.313	(1.261)	1170069	120.000	110
	40 2,6-Dinitrotoluene	165	7.342	7.342	(0.973)	843321	120.000	120(A)
	39 Acenaphthylene	152	7.413	7.413	(0.982)	6030766	120.000	120
	41 3-Nitroaniline	138	7.513	7.513	(0.995)	901087	120.000	120
*	82 Acenaphthene-d10	164	7.548	7.548	(1.000)	1036663	40.0000	
	42 Acenaphthene	154	7.589	7.589	(1.005)	3404281	120.000	110
	11 2,4-Dinitrophenol	184	7.613	7.613	(1.009)	421740	120.000	130(A)
	12 4-Nitrophenol	65	7.678	7.678	(1.017)	579750	120.000	120
	44 2,4-Dinitrotoluene	165	7.748	7.748	(1.026)	956021	120.000	110
	43 Dibenzofuran	168	7.760	7.760	(1.028)	4621864	120.000	110
	45 Diethylphthalate	149	7.978	7.978	(1.057)	3463149	120.000	110
	46 4-Chlorophenyl-phenylether	204	8.089	8.089	(1.072)	1575676	120.000	120

Data File: /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10418.d
Report Date: 19-May-2010 14:39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	47 Fluorene	166	8.095	8.095	(1.072)	3465829	120.000	110
	48 4-Nitroaniline	138	8.119	8.119	(1.076)	707536	120.000	110
	13 4,6-Dinitro-2-methylphenol	198	8.148	8.148	(0.903)	469376	120.000	120(A)
	49 N-Nitrosodiphenylamine	169	8.213	8.213	(0.911)	2177455	120.000	120(A)
	75 1,2-Diphenylhydrazine	77	8.248	8.248	(0.915)	4287920	120.000	120(A)
$	18 2,4,6-Tribromophenol (SUR)	330	8.336	8.336	(1.104)	383592	120.000	110
	50 4-Bromophenyl-phenylether	248	8.572	8.572	(0.950)	784356	120.000	120(A)
	51 Hexachlorobenzene	284	8.648	8.648	(0.959)	773983	120.000	120(A)
	112 Atrazine	200	8.730	8.730	(0.968)	612423	120.000	120
	14 Pentachlorophenol	266	8.830	8.830	(0.979)	447784	120.000	120(A)
*	83 Phenanthrene-d10	188	9.019	9.019	(1.000)	1116457	40.0000	
	52 Phenanthrene	178	9.042	9.042	(1.003)	3814925	120.000	120
	53 Anthracene	178	9.095	9.095	(1.008)	3822878	120.000	120
	54 Carbazole	167	9.248	9.248	(1.025)	3035638	120.000	110
	55 Di-n-butylphthalate	149	9.583	9.583	(1.063)	4224382	120.000	120
	56 Fluoranthene	202	10.219	10.219	(1.133)	2778797	120.000	110
	58 Benzidine	184	10.336	10.336	(1.146)	115942	120.000	54
	57 Pyrene	202	10.448	10.448	(0.883)	2678246	120.000	120(A)
$	78 Terphenyl-d14	244	10.601	10.601	(0.896)	1588424	120.000	120(A)
	59 Butylbenzylphthalate	149	11.136	11.136	(0.941)	1137432	120.000	130(A)
	60 3,3'-Dichlorobenzidine	252	11.777	11.777	(0.996)	354700	120.000	110(A)
	61 Benzo(a)anthracene	228	11.818	11.818	(0.999)	1528395	120.000	120
*	81 Chrysene-d12	240	11.830	11.830	(1.000)	445367	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.842	11.842	(1.001)	1491034	120.000	130(A)
	62 Chrysene	228	11.866	11.866	(1.003)	1422058	120.000	120
	64 Di-n-octylphthalate	149	12.724	12.724	(0.923)	1948909	120.000	130(A)
	65 Benzo(b)fluoranthene	252	13.265	13.265	(0.962)	1110461	120.000	130(A)
	66 Benzo(k)fluoranthene	252	13.301	13.301	(0.965)	1176870	120.000	120(A)
	67 Benzo(a)pyrene	252	13.718	13.718	(0.995)	948087	120.000	130(A)
*	84 Perylene-d12	264	13.789	13.789	(1.000)	299578	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	15.401	15.401	(1.117)	809715	120.000	140(AM)
	69 Dibenz(a,h)anthracene	278	15.430	15.430	(1.119)	809226	120.000	130(A)
	70 Benzo(g,h,i)perylene	276	15.853	15.853	(1.150)	824413	120.000	140(A)

QC Flag Legend

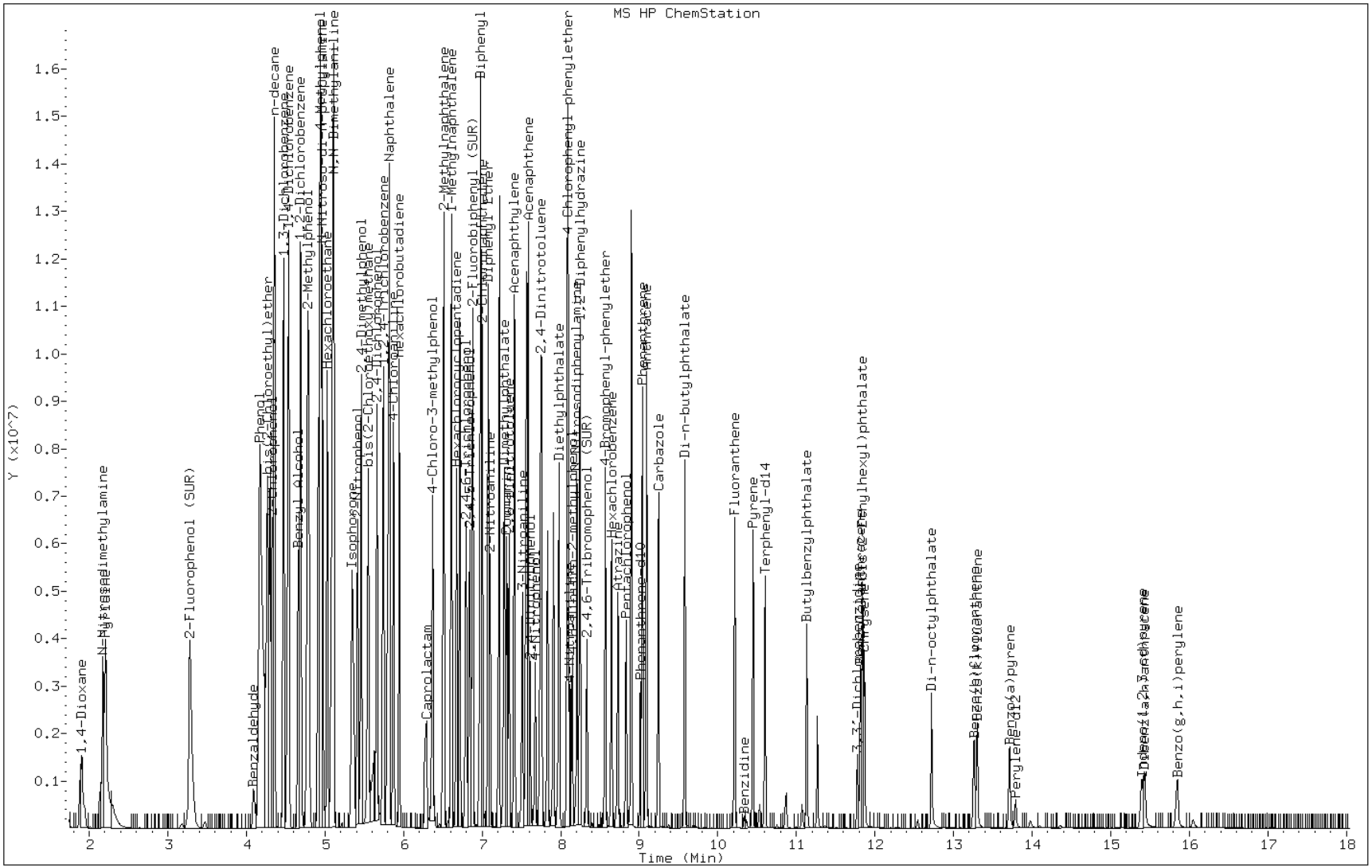
A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: z10418.d

Date: 19-MAY-2010 12:49

Client ID: Instrument: BNAMS11.i

Sample Info: IC-424489 Operator: BNAMS 4



Manual Integration Report

Data File: z10418.d
Inj. Date and Time: 19-MAY-2010 12:49
Instrument ID: BNAMS11.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 05/22/2010

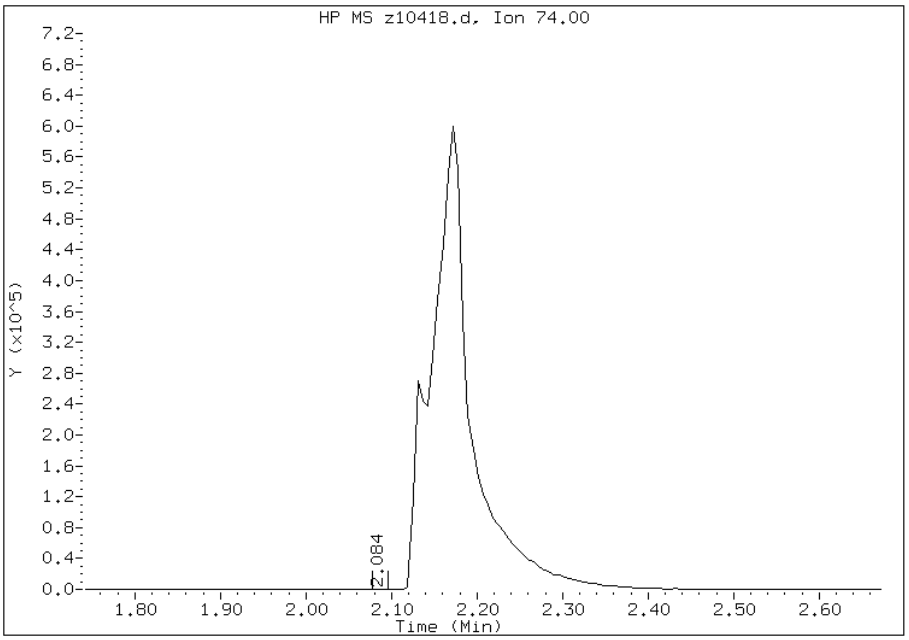
Processing Integration Results

RT: 2.08

Response: 71

Amount: 0

Conc: 0



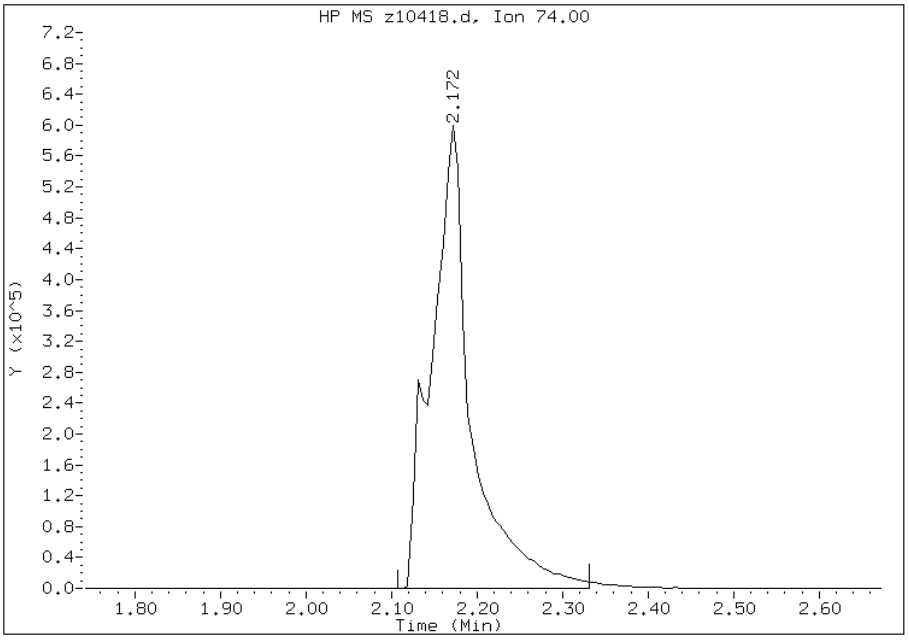
Manual Integration Results

RT: 2.17

Response: 1954921

Amount: 121

Conc: 121



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: z10418.d
Inj. Date and Time: 19-MAY-2010 12:49
Instrument ID: BNAMS11.i
Client ID:
Compound: 71 Pyridine
CAS #: 110-86-1
Report Date: 05/22/2010

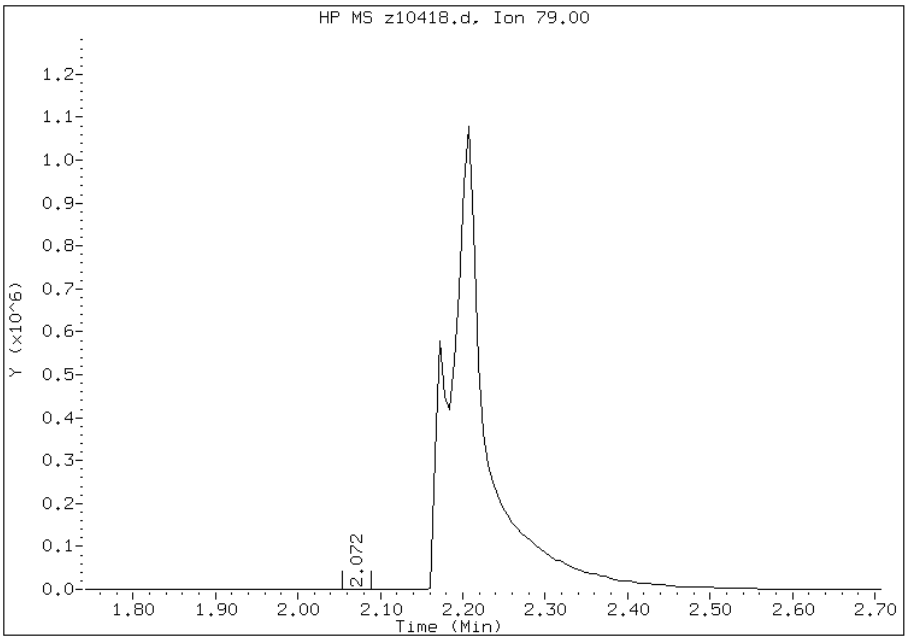
Processing Integration Results

RT: 2.07

Response: 212

Amount: 0

Conc: 0



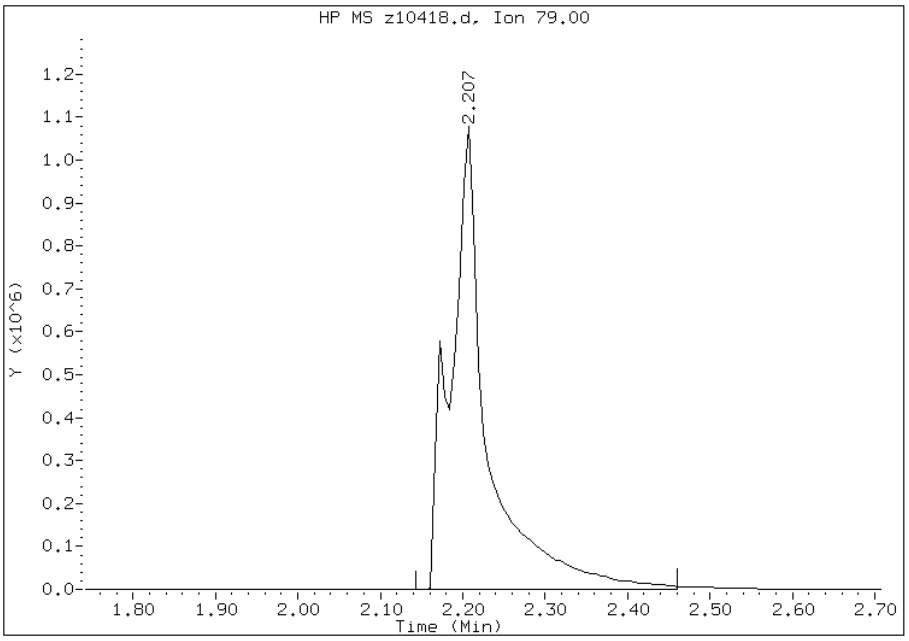
Manual Integration Results

RT: 2.21

Response: 3392717

Amount: 120

Conc: 120



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: z10418.d
Inj. Date and Time: 19-MAY-2010 12:49
Instrument ID: BNAMS11.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 05/22/2010

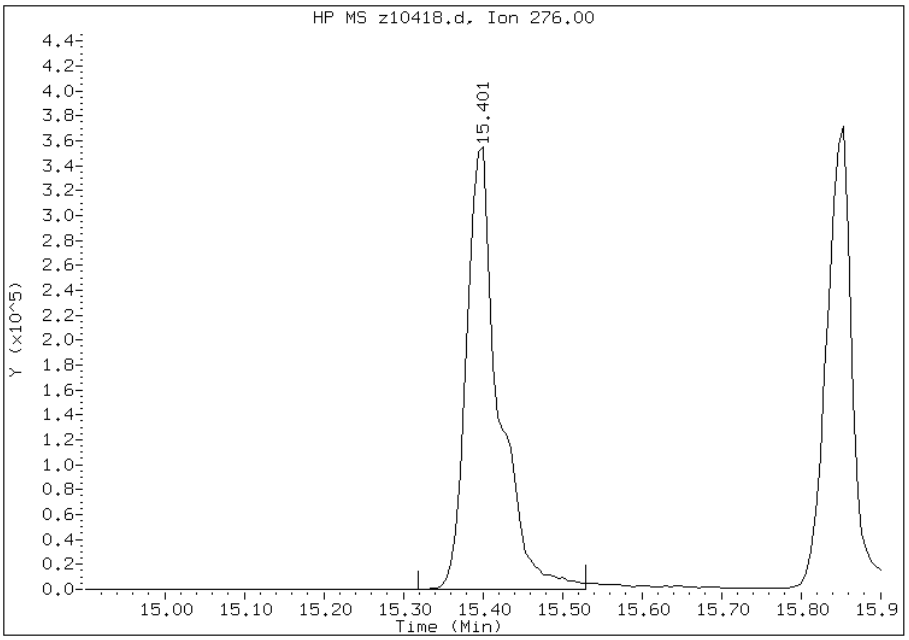
Processing Integration Results

RT: 15.40

Response: 999747

Amount: 159

Conc: 159



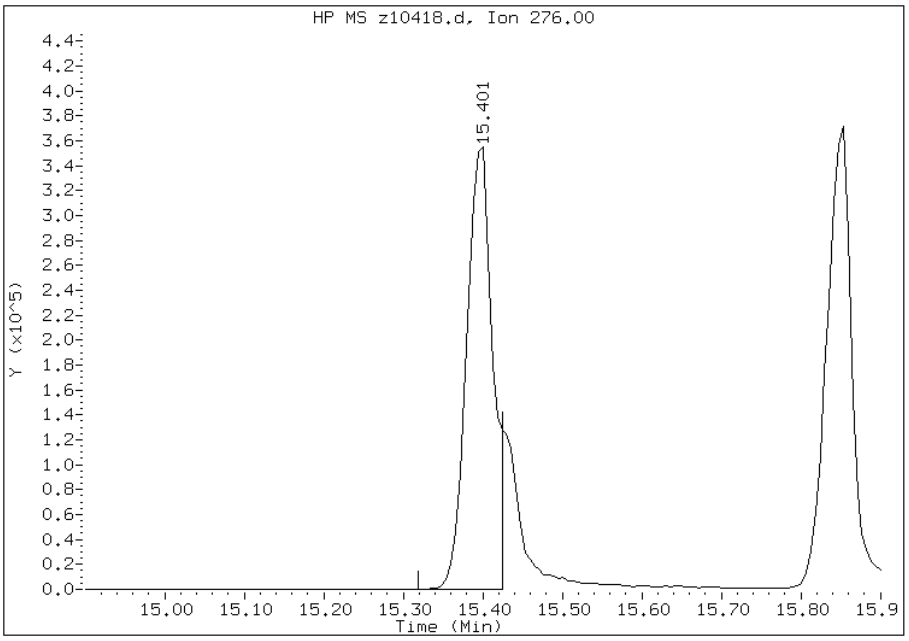
Manual Integration Results

RT: 15.40

Response: 809715

Amount: 136

Conc: 136



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: z10418.d
Inj. Date and Time: 19-MAY-2010 12:49
Instrument ID: BNAMS11.i
Client ID:
Compound: 20 bis(2-Chloroethyl)ether
CAS #: 111-44-4
Report Date: 05/22/2010

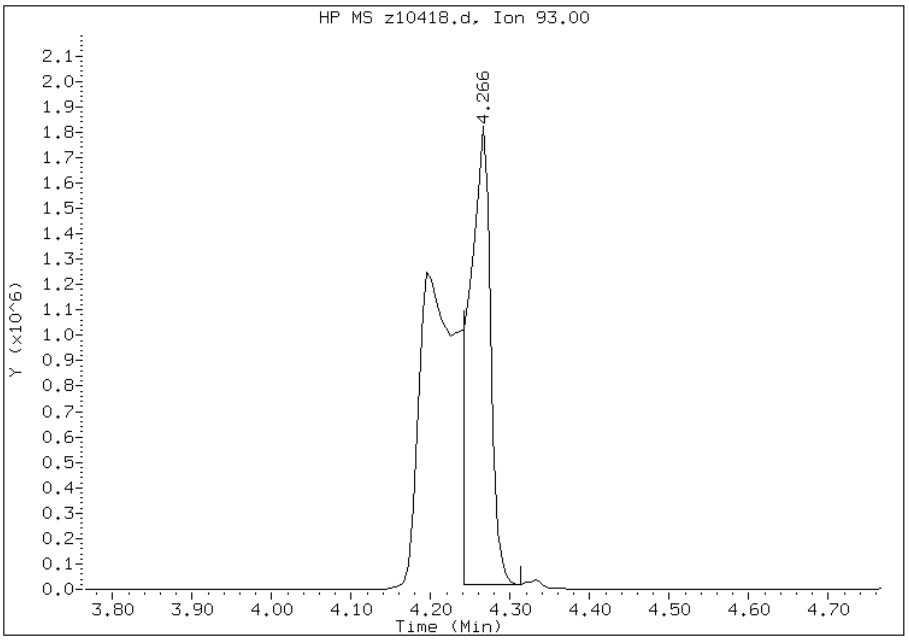
Processing Integration Results

RT: 4.27

Response: 3271370

Amount: 128

Conc: 128



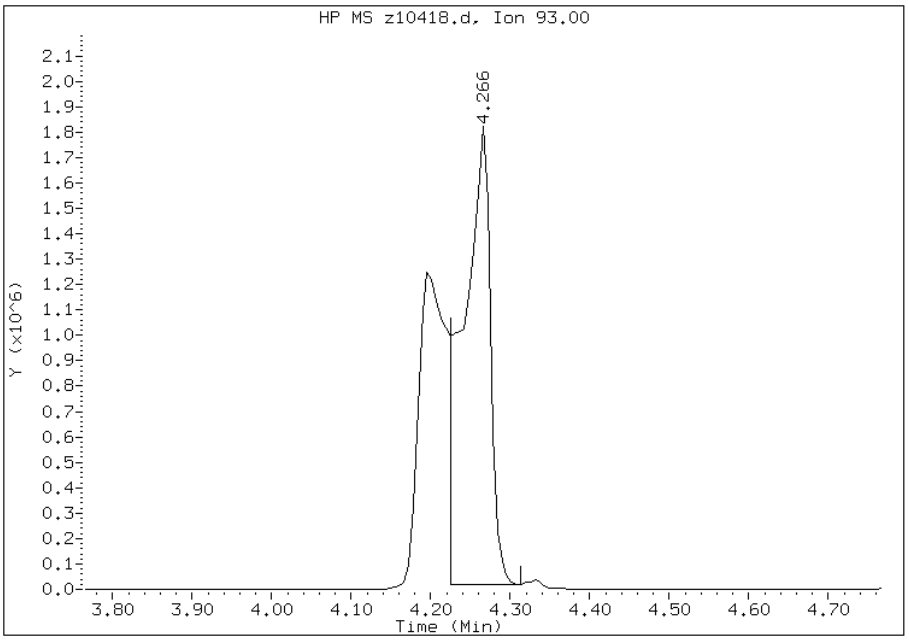
Manual Integration Results

RT: 4.27

Response: 4319127

Amount: 159

Conc: 159



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: z10418.d
Inj. Date and Time: 19-MAY-2010 12:49
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 05/22/2010

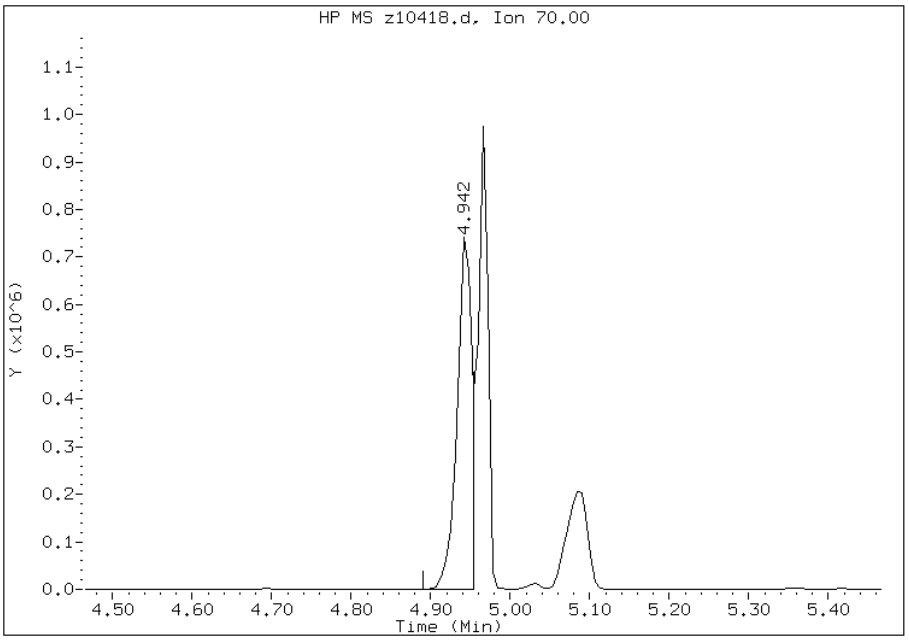
Processing Integration Results

RT: 4.94

Response: 1015315

Amount: 71

Conc: 71



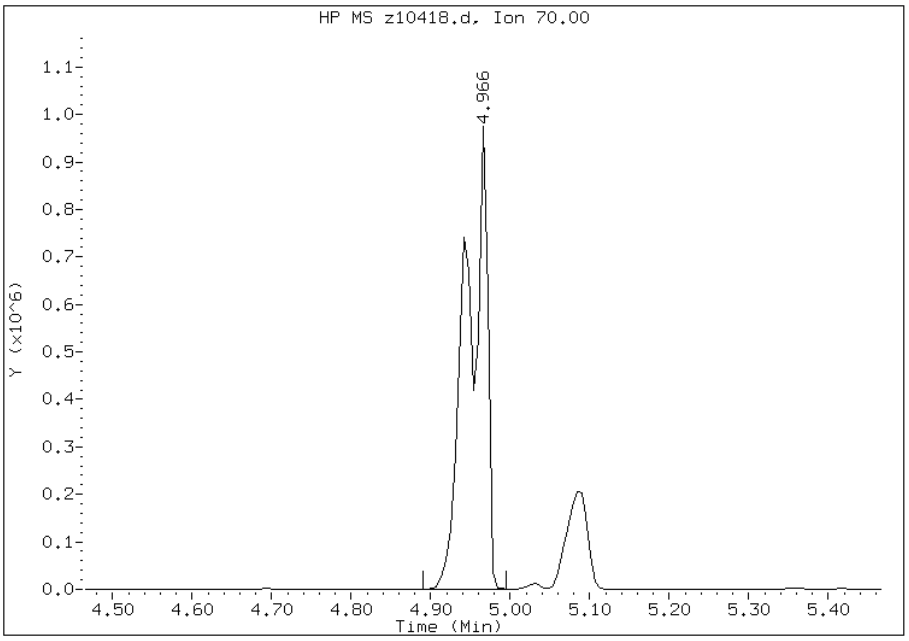
Manual Integration Results

RT: 4.97

Response: 1778172

Amount: 115

Conc: 115



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: z10418.d
Inj. Date and Time: 19-MAY-2010 12:49
Instrument ID: BNAMS11.i
Client ID:
Compound: 122 o-Toluidine
CAS #: 95-53-4
Report Date: 05/22/2010

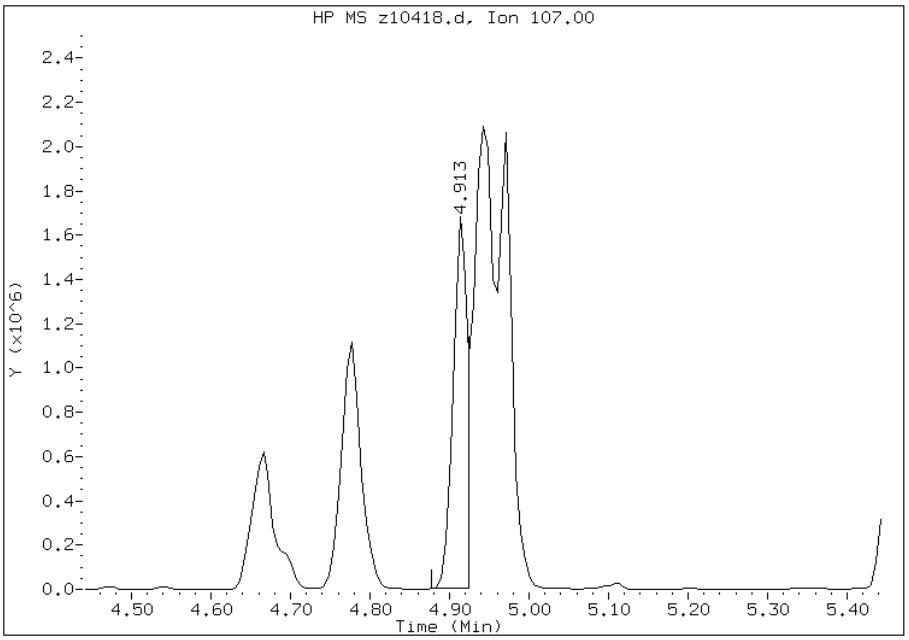
Processing Integration Results

RT: 4.91

Response: 2228390

Amount: 54

Conc: 54



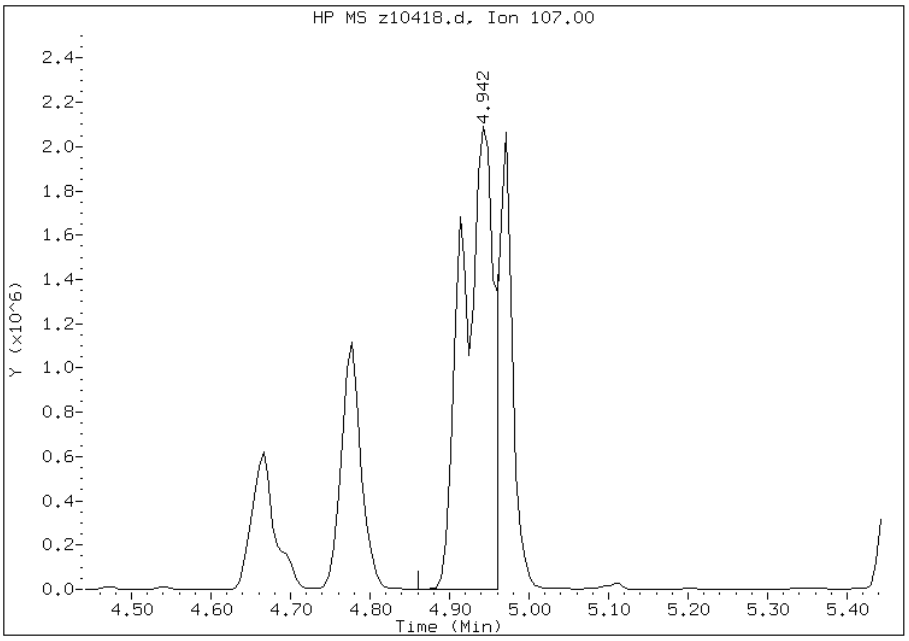
Manual Integration Results

RT: 4.94

Response: 5755850

Amount: 123

Conc: 123



Manually Integrated By: wahied
Manual Integration Reason: Split Peak

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab Sample ID: CCVIS 460-38150/2 Calibration Date: 05/21/2010 09:28

Instrument ID: BNAMS11 Calib Start Date: 05/19/2010 10:37

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/19/2010 12:49

Lab File ID: z10495.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6463	0.6339	0.0500	49000	50000	-1.9	25.0
N-Nitrosodimethylamine	Ave	0.8973	0.8938	0.0500	49800	50000	-0.4	25.0
Pyridine	Ave	1.576	1.566	0.0500	49700	50000	-0.6	25.0
Benzaldehyde	Ave	0.4485	0.5250	0.0500	58500	50000	17.1	25.0
Phenol	Ave	1.692	1.658	0.0500	49000	50000	-2.0	25.0
Aniline	Ave	1.918	2.084	0.0500	54300	50000	8.7	25.0
Bis(2-chloroethyl)ether	Ave	1.513	1.353	0.0500	44700	50000	-10.5	25.0
2-Chlorophenol	Ave	1.353	1.349	0.0500	49900	50000	-0.3	25.0
n-Decane	Ave	1.983	1.999	0.0500	50400	50000	0.8	25.0
1,3-Dichlorobenzene	Ave	1.711	1.675	0.0500	48900	50000	-2.1	25.0
1,4-Dichlorobenzene	Ave	1.696	1.666	0.0500	49100	50000	-1.8	25.0
Benzyl alcohol	Ave	0.8422	0.8611	0.0500	51100	50000	2.2	25.0
1,2-Dichlorobenzene	Ave	1.587	1.567	0.0500	49400	50000	-1.2	25.0
2-Methylphenol	Ave	1.141	1.144	0.0500	50100	50000	0.2	25.0
2,2'-oxybis[1-chloropropane]	Ave	2.466	2.562	0.0500	51900	50000	3.9	25.0
3 & 4 Methylphenol	Ave	1.183	1.169	0.0500	49400	50000	-1.2	25.0
4-Methylphenol	Ave	1.183	1.169	0.0500	49400	50000	-1.2	25.0
Acetophenone	Ave	1.656	1.660	0.0500	50100	50000	0.2	25.0
o-Toluidine	Ave	2.603	2.506	0.0500	48100	50000	-3.7	25.0
N-Nitrosodi-n-propylamine	Ave	0.8616	0.8821	0.0500	51200	50000	2.4	25.0
Hexachloroethane	Ave	0.6287	0.6174	0.0500	49100	50000	-1.8	25.0
Nitrobenzene	Ave	0.5373	0.5479	0.0500	51000	50000	2.0	25.0
n,n'-Dimethylaniline	Ave	1.953	1.924	0.0500	49200	50000	-1.5	25.0
Isophorone	Ave	0.6485	0.6579	0.0500	50700	50000	1.4	25.0
2-Nitrophenol	Ave	0.2039	0.2021	0.0500	49600	50000	-0.9	25.0
2,4-Dimethylphenol	Ave	0.2960	0.2993	0.0500	50500	50000	1.1	25.0
Bis(2-chloroethoxy)methane	Ave	0.3937	0.3907	0.0500	49600	50000	-0.8	25.0
2,4-Dichlorophenol	Ave	0.2729	0.2712	0.0500	49700	50000	-0.6	25.0
1,2,4-Trichlorobenzene	Ave	0.3160	0.3123	0.0500	49400	50000	-1.2	25.0
Naphthalene	Ave	1.050	1.040	0.0500	49500	50000	-1.0	25.0
4-Chloroaniline	Ave	0.3822	0.3773	0.0500	49400	50000	-1.3	25.0
Hexachlorobutadiene	Ave	0.1728	0.1680	0.0500	48600	50000	-2.8	25.0
Caprolactam	Ave	0.0755	0.0769	0.0500	50900	50000	1.9	25.0
4-Chloro-3-methylphenol	Ave	0.2623	0.2625	0.0500	50000	50000	0.1	25.0
2-Methylnaphthalene	Ave	0.6473	0.6340	0.0500	49000	50000	-2.1	25.0
1-Methylnaphthalene	Ave	0.6260	0.6238	0.0500	49800	50000	-0.4	25.0
Hexachlorocyclopentadiene	Ave	0.3644	0.3715	0.0500	51000	50000	1.9	25.0
2,4,6-Trichlorophenol	Ave	0.3626	0.3537	0.0500	48800	50000	-2.5	25.0
2,4,5-Trichlorophenol	Ave	0.3604	0.3587	0.0500	49800	50000	-0.5	25.0
1,1'-Biphenyl	Ave	1.611	1.635	0.0500	50700	50000	1.5	25.0
2-Chloronaphthalene	Ave	1.244	1.239	0.0500	49800	50000	-0.4	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab Sample ID: CCVIS 460-38150/2 Calibration Date: 05/21/2010 09:28

Instrument ID: BNAMS11 Calib Start Date: 05/19/2010 10:37

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/19/2010 12:49

Lab File ID: z10495.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8563	0.8538	0.0500	49900	50000	-0.3	25.0
2-Nitroaniline	Ave	0.4240	0.4490	0.0500	52900	50000	5.9	25.0
Dimethyl phthalate	Ave	1.209	1.187	0.0500	49100	50000	-1.9	25.0
Coumarin	Ave	0.1781	0.1676	0.0500	47000	50000	-5.9	25.0
2,6-Dinitrotoluene	Ave	0.2651	0.2670	0.0500	50400	50000	0.7	25.0
Acenaphthylene	Ave	1.970	1.940	0.0500	49200	50000	-1.5	25.0
3-Nitroaniline	Ave	0.3015	0.2858	0.0500	47400	50000	-5.2	25.0
Acenaphthene	Ave	1.199	1.109	0.0500	46200	50000	-7.5	25.0
2,4-Dinitrophenol	Ave	0.1247	0.1078	0.0500	43200	50000	-13.5	25.0
4-Nitrophenol	Ave	0.1913	0.1692	0.0500	44200	50000	-11.5	25.0
2,4-Dinitrotoluene	Ave	0.3232	0.3107	0.0500	48100	50000	-3.9	25.0
Dibenzofuran	Ave	1.564	1.546	0.0500	49400	50000	-1.1	25.0
Diethyl phthalate	Ave	1.166	1.106	0.0500	47400	50000	-5.1	25.0
4-Chlorophenyl phenyl ether	Ave	0.5235	0.5001	0.0500	47800	50000	-4.5	25.0
Fluorene	Ave	1.175	1.129	0.0500	48000	50000	-3.9	25.0
4-Nitroaniline	Ave	0.2480	0.2228	0.0500	44900	50000	-10.2	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1340	0.1262	0.0500	47100	50000	-5.8	25.0
N-Nitrosodiphenylamine	Ave	0.6384	0.6577	0.0500	51500	50000	3.0	25.0
1,2-Diphenylhydrazine	Ave	1.243	1.319	0.0500	53100	50000	6.2	25.0
4-Bromophenyl phenyl ether	Ave	0.2277	0.2353	0.0500	51700	50000	3.4	25.0
Hexachlorobenzene	Ave	0.2309	0.2313	0.0500	50100	50000	0.2	25.0
Atrazine	Ave	0.1867	0.1883	0.0500	50400	50000	0.9	25.0
Pentachlorophenol	Ave	0.1307	0.1238	0.0500	47400	50000	-5.2	25.0
Phenanthrene	Ave	1.165	1.162	0.0500	49900	50000	-0.3	25.0
Anthracene	Ave	1.178	1.160	0.0500	49200	50000	-1.5	25.0
Carbazole	Ave	0.9628	0.9121	0.0500	47400	50000	-5.3	25.0
Di-n-butyl phthalate	Ave	1.262	1.196	0.0500	47400	50000	-5.2	25.0
Fluoranthene	Ave	0.8942	0.8289	0.0500	46300	50000	-7.3	25.0
Benzidine	Ave	0.0770	0.0586	0.0500	38000	50000	-24.0	25.0
Pyrene	Ave	1.938	1.889	0.0500	48700	50000	-2.5	25.0
Butyl benzyl phthalate	Ave	0.7976	0.7889	0.0500	49500	50000	-1.1	25.0
2,3,7,8-TCDD	Ave	0.1537	0.1670	0.0500	543	500	8.6	25.0
3,3'-Dichlorobenzidine	Ave	0.2828	0.2932	0.0500	51800	50000	3.7	25.0
Benzo[a]anthracene	Ave	1.156	1.096	0.0500	47400	50000	-5.2	25.0
Bis(2-ethylhexyl) phthalate	Ave	1.038	1.023	0.0500	49300	50000	-1.4	25.0
Chrysene	Ave	1.070	1.030	0.0500	48200	50000	-3.7	25.0
Di-n-octyl phthalate	Ave	1.983	1.926	0.0500	48600	50000	-2.9	25.0
Benzo[b]fluoranthene	Ave	1.152	1.192	0.0500	51700	50000	3.4	25.0
Benzo[k]fluoranthene	Ave	1.282	1.281	0.0500	49900	50000	-0.1	25.0
Benzo[a]pyrene	Ave	0.9548	0.9919	0.0500	51900	50000	3.9	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.7958	0.7785	0.0500	48900	50000	-2.2	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab Sample ID: CCVIS 460-38150/2 Calibration Date: 05/21/2010 09:28

Instrument ID: BNAMS11 Calib Start Date: 05/19/2010 10:37

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/19/2010 12:49

Lab File ID: z10495.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibenz(a,h)anthracene	Ave	0.8090	0.8061	0.0500	49800	50000	-0.4	25.0
Benzo[g,h,i]perylene	Ave	0.7986	0.8315	0.0500	52100	50000	4.1	25.0
2-Fluorophenol (Surr)	Ave	1.358	1.365	0.0500	50300	50000	0.6	25.0
Phenol-d5 (Surr)	Ave	1.519	1.547	0.0500	50900	50000	1.9	25.0
Nitrobenzene-d5 (Surr)	Ave	0.3847	0.4026	0.0500	52300	50000	4.7	25.0
2-Fluorobiphenyl	Ave	1.425	1.449	0.0500	50900	50000	1.7	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1300	0.1205	0.0500	46300	50000	-7.3	25.0
Terphenyl-d14 (Surr)	Ave	1.160	1.145	0.0500	49400	50000	-1.3	25.0

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10495.d
Report Date: 21-May-2010 11:00

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10495.d
Lab Smp Id: CCVIS-424486
Inj Date : 21-MAY-2010 09:28
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : CCVIS-424486
Misc Info : 50 ppm bna 4456
Comment :
Method : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/8270Cdel_08.m
Meth Date : 21-May-2010 11:00 croccom Quant Type: ISTD
Cal Date : 21-MAY-2010 09:28 Cal File: z10495.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.790	1.790	(0.399)	609316	50.0000	49
	19 N-Nitrosodimethylamine	74	2.025	2.025	(0.451)	859134	50.0000	50
	71 Pyridine	79	2.060	2.060	(0.459)	1505416	50.0000	50
$	16 2-Fluorophenol (SUR)	112	3.202	3.202	(0.713)	1312466	50.0000	50
	110 Benzaldehyde	77	4.049	4.049	(0.902)	504651	50.0000	58
$	17 Phenol-d5 (SUR)	99	4.125	4.125	(0.919)	1486721	50.0000	51
	1 Phenol	94	4.137	4.137	(0.921)	1593566	50.0000	49
	73 Aniline	93	4.160	4.160	(0.927)	2003409	50.0000	54
	20 bis(2-Chloroethyl)ether	93	4.225	4.225	(0.941)	1300831	50.0000	45
	2 2-Chlorophenol	128	4.284	4.284	(0.954)	1296757	50.0000	50
	113 n-decane	43	4.331	4.331	(0.965)	1921118	50.0000	50
	21 1,3-Dichlorobenzene	146	4.437	4.437	(0.988)	1610454	50.0000	49
*	79 1,4-Dichlorobenzene-d4	152	4.490	4.490	(1.000)	768950	40.0000	
	22 1,4-Dichlorobenzene	146	4.507	4.507	(1.004)	1601167	50.0000	49
	74 Benzyl Alcohol	108	4.631	4.631	(1.031)	827652	50.0000	51

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10495.d
Report Date: 21-May-2010 11:00

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	==========	====	==	======	======	========	=======	=======
	23 1,2-Dichlorobenzene	146	4.660	4.660	(1.038)	1506317	50.0000	49
	3 2-Methylphenol	108	4.743	4.743	(1.056)	1099310	50.0000	50
	122 o-Toluidine	107	4.901	4.901	(1.092)	2408876	50.0000	48
	24 bis (2-chloroisopropyl) ether	45	4.760	4.760	(1.060)	2462173	50.0000	52
	4 4-Methylphenol	108	4.901	4.901	(1.092)	1123237	50.0000	49
	121 3 & 4 Methylphenol	108	4.901	4.901	(1.092)	1123237	50.0000	49
	104 Acetophenone	105	4.901	4.901	(1.092)	1595509	50.0000	50
	25 N-Nitroso-di-n-propylamine	70	4.907	4.907	(1.093)	847831	50.0000	51
	26 Hexachloroethane	117	5.007	5.007	(1.115)	593462	50.0000	49
$	76 Nitrobenzene-d5 (SUR)	82	5.048	5.048	(0.875)	1361659	50.0000	52
	107 N,N-Dimethylaniline	120	5.078	5.078	(1.131)	1848948	50.0000	49
	27 Nitrobenzene	77	5.072	5.072	(0.879)	1852830	50.0000	51
	28 Isophorone	82	5.313	5.313	(0.920)	2224846	50.0000	51
	5 2-Nitrophenol	139	5.390	5.390	(0.934)	683552	50.0000	50
	6 2,4-Dimethylphenol	122	5.431	5.431	(0.941)	1012136	50.0000	50
	29 bis(2-Chloroethoxy)methane	93	5.525	5.525	(0.957)	1321216	50.0000	50
	7 2,4-Dichlorophenol	162	5.631	5.631	(0.976)	917216	50.0000	50
	30 1,2,4-Trichlorobenzene	180	5.719	5.719	(0.991)	1056023	50.0000	49
*	80 Naphthalene-d8	136	5.772	5.772	(1.000)	2705545	40.0000	
	31 Naphthalene	128	5.795	5.795	(1.004)	3516616	50.0000	50
	32 4-Chloroaniline	127	5.848	5.848	(1.013)	1275845	50.0000	49
	33 Hexachlorobutadiene	225	5.925	5.925	(1.026)	568115	50.0000	49
	111 Caprolactam	113	6.225	6.225	(1.078)	260118	50.0000	51
	8 4-Chloro-3-methylphenol	107	6.337	6.337	(1.098)	887699	50.0000	50
	34 2-Methylnaphthalene	142	6.490	6.490	(1.124)	2144212	50.0000	49
	120 1-Methylnaphthalene	142	6.590	6.590	(1.142)	2109554	50.0000	50
	35 Hexachlorocyclopentadiene	237	6.654	6.654	(0.884)	550992	50.0000	51
	9 2,4,6-Trichlorophenol	196	6.772	6.772	(0.899)	524689	50.0000	49
	10 2,4,5-Trichlorophenol	196	6.813	6.813	(0.905)	532002	50.0000	50
$	77 2-Fluorobiphenyl (SUR)	172	6.854	6.854	(0.910)	2149982	50.0000	51
	102 Diphenyl	154	6.954	6.954	(0.923)	2425321	50.0000	51
	36 2-Chloronaphthalene	162	6.978	6.978	(0.927)	1838553	50.0000	50
	103 Diphenyl Ether	170	7.060	7.060	(0.938)	1266475	50.0000	50
	37 2-Nitroaniline	65	7.072	7.072	(0.939)	666046	50.0000	53
	38 Dimethylphthalate	163	7.254	7.254	(0.963)	1760026	50.0000	49
	114 Coumarin	146	7.284	7.284	(1.262)	566859	50.0000	47
	40 2,6-Dinitrotoluene	165	7.313	7.313	(0.971)	396070	50.0000	50
	39 Acenaphthylene	152	7.389	7.389	(0.981)	2878083	50.0000	49
	41 3-Nitroaniline	138	7.484	7.484	(0.994)	423953	50.0000	47
*	82 Acenaphthene-d10	164	7.531	7.531	(1.000)	1186688	40.0000	
	42 Acenaphthene	154	7.560	7.560	(1.004)	1644357	50.0000	46
	11 2,4-Dinitrophenol	184	7.584	7.584	(1.007)	159959	50.0000	43
	12 4-Nitrophenol	65	7.642	7.642	(1.015)	251002	50.0000	44
	44 2,4-Dinitrotoluene	165	7.713	7.713	(1.024)	460828	50.0000	48
	43 Dibenzofuran	168	7.731	7.731	(1.027)	2293120	50.0000	49
	45 Diethylphthalate	149	7.954	7.954	(1.056)	1640167	50.0000	47
	46 4-Chlorophenyl-phenylether	204	8.066	8.066	(1.071)	741892	50.0000	48

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10495.d
Report Date: 21-May-2010 11:00

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	47 Fluorene	166	8.072	8.072	(1.072)	1674573	50.0000	48
	48 4-Nitroaniline	138	8.089	8.089	(1.074)	330423	50.0000	45
	13 4,6-Dinitro-2-methylphenol	198	8.119	8.119	(0.903)	199045	50.0000	47
	49 N-Nitrosodiphenylamine	169	8.184	8.184	(0.910)	1036956	50.0000	52
	75 1,2-Diphenylhydrazine	77	8.225	8.225	(0.914)	2080059	50.0000	53
$	18 2,4,6-Tribromophenol (SUR)	330	8.307	8.307	(1.103)	178710	50.0000	46
	50 4-Bromophenyl-phenylether	248	8.548	8.548	(0.950)	371057	50.0000	52
	51 Hexachlorobenzene	284	8.625	8.625	(0.959)	364699	50.0000	50
	112 Atrazine	200	8.707	8.707	(0.968)	296948	50.0000	50
	14 Pentachlorophenol	266	8.807	8.807	(0.979)	195254	50.0000	47
*	83 Phenanthrene-d10	188	8.995	8.995	(1.000)	1261401	40.0000	
	52 Phenanthrene	178	9.019	9.019	(1.003)	1831848	50.0000	50
	53 Anthracene	178	9.072	9.072	(1.008)	1828873	50.0000	49
	54 Carbazole	167	9.225	9.225	(1.026)	1438166	50.0000	47
	55 Di-n-butylphthalate	149	9.560	9.560	(1.063)	1886573	50.0000	47
	56 Fluoranthene	202	10.195	10.195	(1.133)	1306931	50.0000	46
	58 Benzidine	184	10.319	10.319	(1.147)	92330	50.0000	38
	57 Pyrene	202	10.425	10.425	(0.883)	1263121	50.0000	49
$	78 Terphenyl-d14	244	10.578	10.578	(0.896)	765688	50.0000	49
	59 Butylbenzylphthalate	149	11.113	11.113	(0.942)	527547	50.0000	49
	109 2,3,7,8-TCDD (Screen)	320	11.230	11.230	(0.952)	1117	0.50000	0.54
	60 3,3'-Dichlorobenzidine	252	11.754	11.754	(0.996)	196056	50.0000	52
	61 Benzo(a)anthracene	228	11.789	11.789	(0.999)	733120	50.0000	47
*	81 Chrysene-d12	240	11.801	11.801	(1.000)	534979	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.819	11.819	(1.001)	684273	50.0000	49
	62 Chrysene	228	11.836	11.836	(1.003)	689003	50.0000	48
	64 Di-n-octylphthalate	149	12.695	12.695	(0.923)	859740	50.0000	48
	65 Benzo(b)fluoranthene	252	13.224	13.224	(0.961)	532234	50.0000	52
	66 Benzo(k)fluoranthene	252	13.266	13.266	(0.964)	571793	50.0000	50
	67 Benzo(a)pyrene	252	13.677	13.677	(0.994)	442877	50.0000	52
*	84 Perylene-d12	264	13.760	13.760	(1.000)	357195	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	15.342	15.342	(1.115)	347586	50.0000	49(M)
	69 Dibenz(a,h)anthracene	278	15.377	15.377	(1.118)	359935	50.0000	50
	70 Benzo(g,h,i)perylene	276	15.789	15.789	(1.147)	371235	50.0000	52

QC Flag Legend

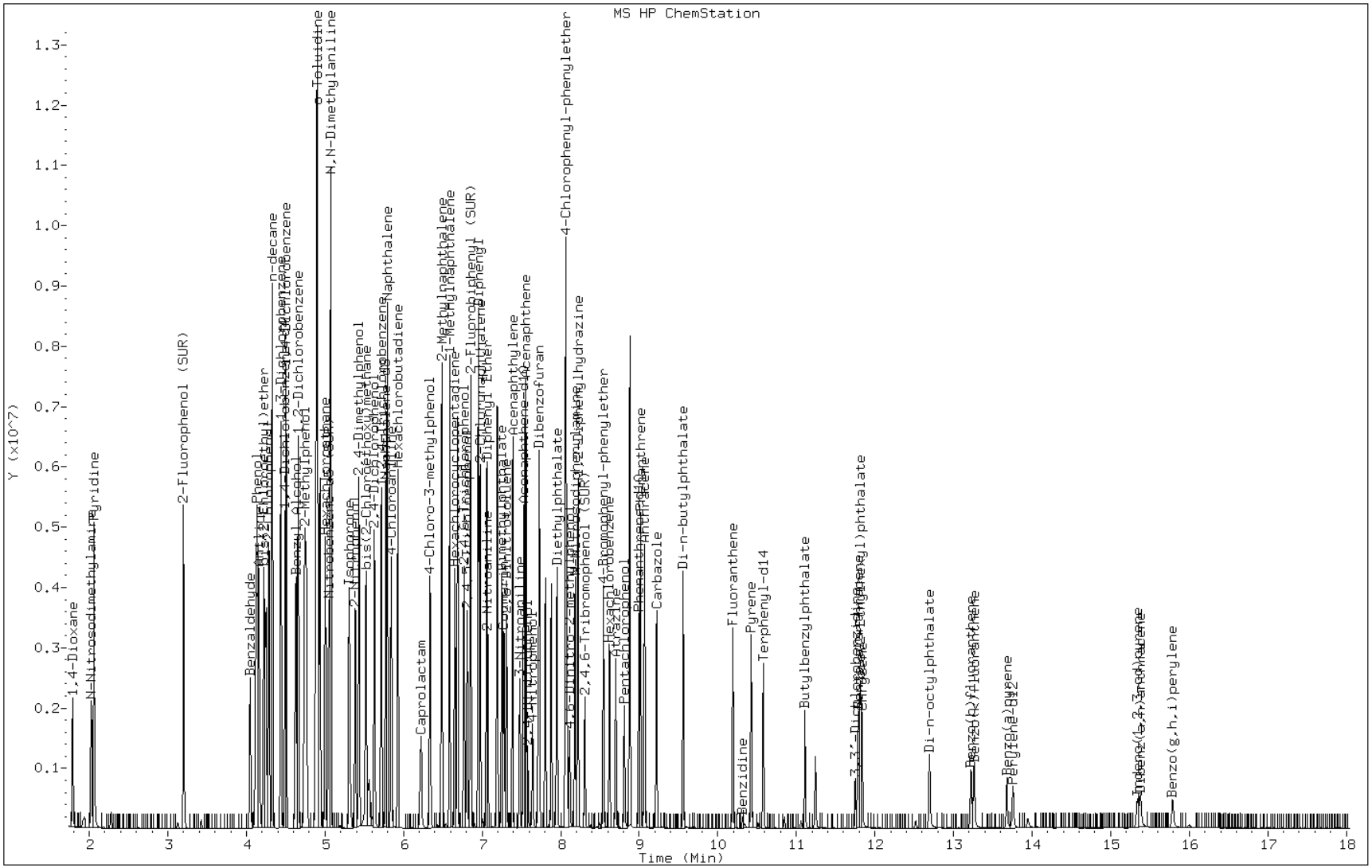
M - Compound response manually integrated.

Data File: z10495.d

Date: 21-MAY-2010 09:28

Client ID: Instrument: BNAMS11.i

Sample Info: CCVIS-424486 Operator: BNAMS 4



Manual Integration Report

Data File: z10495.d
Inj. Date and Time: 21-MAY-2010 09:28
Instrument ID: BNAMS11.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 05/24/2010

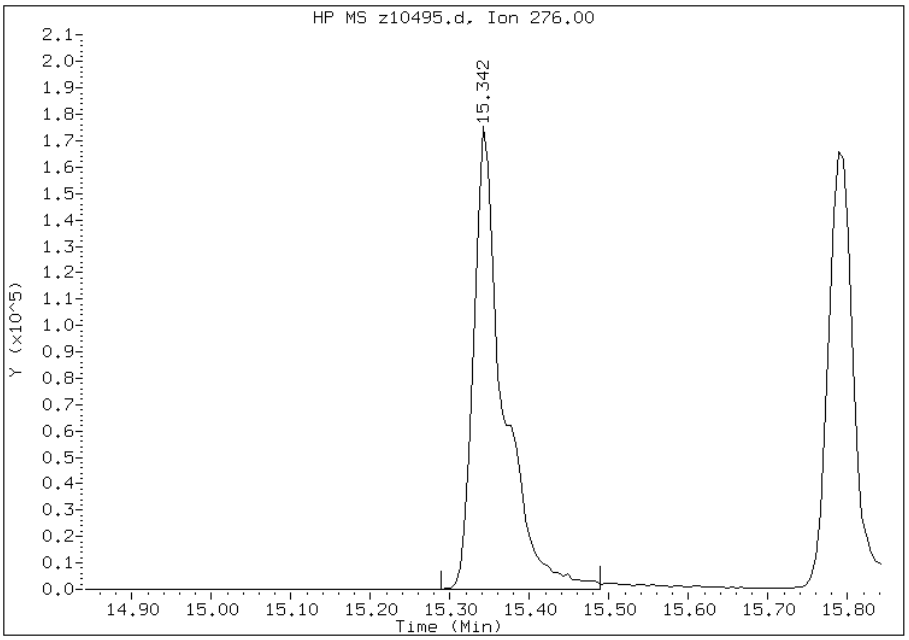
Processing Integration Results

RT: 15.34

Response: 451543

Amount: 64

Conc: 64



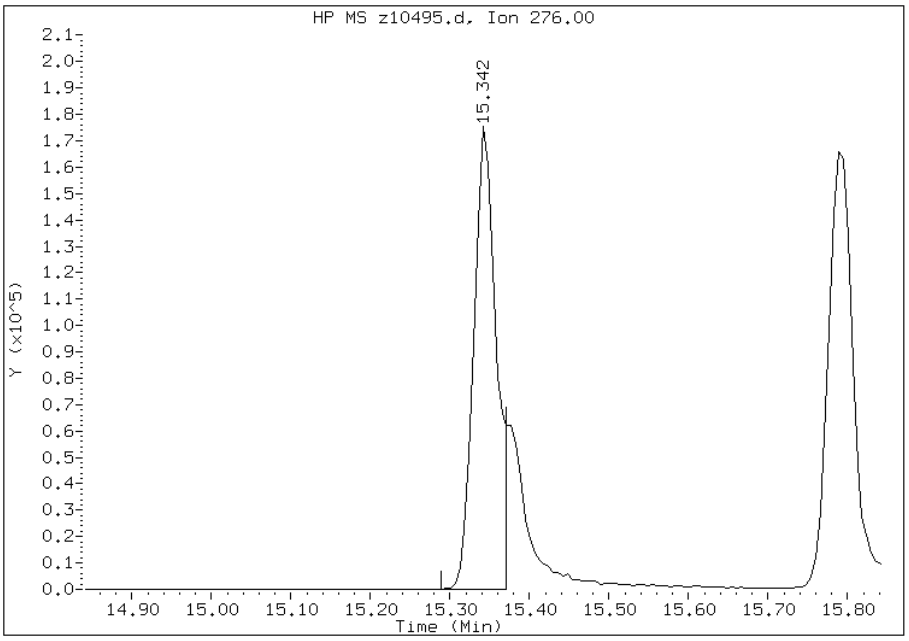
Manual Integration Results

RT: 15.34

Response: 347586

Amount: 49

Conc: 49



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab Sample ID: CCV 460-38152/1 Calibration Date: 05/21/2010 13:51

Instrument ID: BNAMS11 Calib Start Date: 05/19/2010 10:37

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/19/2010 12:49

Lab File ID: z10505.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6463	0.6420	0.0500	49700	50000	-0.7	25.0
N-Nitrosodimethylamine	Ave	0.8973	0.8950	0.0500	49900	50000	-0.3	25.0
Pyridine	Ave	1.576	1.579	0.0500	50100	50000	0.2	25.0
Benzaldehyde	Ave	0.4485	0.7602	0.0500	84800	50000	69.5*	25.0
Phenol	Ave	1.692	1.634	0.0500	48300	50000	-3.4	25.0
Aniline	Ave	1.918	2.006	0.0500	52300	50000	4.6	25.0
Bis(2-chloroethyl)ether	Ave	1.513	1.391	0.0500	46000	50000	-8.1	25.0
2-Chlorophenol	Ave	1.353	1.348	0.0500	49800	50000	-0.4	25.0
n-Decane	Ave	1.983	2.015	0.0500	50800	50000	1.6	25.0
1,3-Dichlorobenzene	Ave	1.711	1.697	0.0500	49600	50000	-0.8	25.0
1,4-Dichlorobenzene	Ave	1.696	1.675	0.0500	49400	50000	-1.2	25.0
Benzyl alcohol	Ave	0.8422	0.7195	0.0500	42700	50000	-14.6	25.0
1,2-Dichlorobenzene	Ave	1.587	1.569	0.0500	49400	50000	-1.2	25.0
2-Methylphenol	Ave	1.141	1.137	0.0500	49800	50000	-0.3	25.0
2,2'-oxybis[1-chloropropane]	Ave	2.466	2.511	0.0500	50900	50000	1.8	25.0
3 & 4 Methylphenol	Ave	1.183	1.121	0.0500	47400	50000	-5.3	25.0
4-Methylphenol	Ave	1.183	1.121	0.0500	47400	50000	-5.3	25.0
Acetophenone	Ave	1.656	1.667	0.0500	50300	50000	0.7	25.0
o-Toluidine	Ave	2.603	2.475	0.0500	47500	50000	-4.9	25.0
N-Nitrosodi-n-propylamine	Ave	0.8616	0.8771	0.0500	50900	50000	1.8	25.0
Hexachloroethane	Ave	0.6287	0.6243	0.0500	49600	50000	-0.7	25.0
Nitrobenzene	Ave	0.5373	0.5465	0.0500	50900	50000	1.7	25.0
n,n'-Dimethylaniline	Ave	1.953	1.891	0.0500	48400	50000	-3.2	25.0
Isophorone	Ave	0.6485	0.6451	0.0500	49700	50000	-0.5	25.0
2-Nitrophenol	Ave	0.2039	0.2021	0.0500	49600	50000	-0.9	25.0
2,4-Dimethylphenol	Ave	0.2960	0.2951	0.0500	49800	50000	-0.3	25.0
Bis(2-chloroethoxy)methane	Ave	0.3937	0.3875	0.0500	49200	50000	-1.6	25.0
2,4-Dichlorophenol	Ave	0.2729	0.2696	0.0500	49400	50000	-1.2	25.0
1,2,4-Trichlorobenzene	Ave	0.3160	0.3119	0.0500	49300	50000	-1.3	25.0
Naphthalene	Ave	1.050	1.040	0.0500	49500	50000	-0.9	25.0
4-Chloroaniline	Ave	0.3822	0.3748	0.0500	49000	50000	-1.9	25.0
Hexachlorobutadiene	Ave	0.1728	0.1695	0.0500	49000	50000	-1.9	25.0
Caprolactam	Ave	0.0755	0.0748	0.0500	49500	50000	-0.9	25.0
4-Chloro-3-methylphenol	Ave	0.2623	0.2546	0.0500	48500	50000	-2.9	25.0
2-Methylnaphthalene	Ave	0.6473	0.6294	0.0500	48600	50000	-2.8	25.0
1-Methylnaphthalene	Ave	0.6260	0.6238	0.0500	49800	50000	-0.3	25.0
Hexachlorocyclopentadiene	Ave	0.3644	0.3184	0.0500	43700	50000	-12.6	25.0
2,4,6-Trichlorophenol	Ave	0.3626	0.3484	0.0500	48000	50000	-3.9	25.0
2,4,5-Trichlorophenol	Ave	0.3604	0.3562	0.0500	49400	50000	-1.2	25.0
1,1'-Biphenyl	Ave	1.611	1.636	0.0500	50800	50000	1.5	25.0
2-Chloronaphthalene	Ave	1.244	1.240	0.0500	49800	50000	-0.3	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab Sample ID: CCV 460-38152/1 Calibration Date: 05/21/2010 13:51

Instrument ID: BNAMS11 Calib Start Date: 05/19/2010 10:37

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/19/2010 12:49

Lab File ID: z10505.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8563	0.8588	0.0500	50100	50000	0.3	25.0
2-Nitroaniline	Ave	0.4240	0.4510	0.0500	53200	50000	6.4	25.0
Dimethyl phthalate	Ave	1.209	1.182	0.0500	48900	50000	-2.2	25.0
Coumarin	Ave	0.1781	0.1674	0.0500	47000	50000	-6.0	25.0
2,6-Dinitrotoluene	Ave	0.2651	0.2647	0.0500	49900	50000	-0.1	25.0
Acenaphthylene	Ave	1.970	1.911	0.0500	48500	50000	-3.0	25.0
3-Nitroaniline	Ave	0.3015	0.2825	0.0500	46800	50000	-6.3	25.0
Acenaphthene	Ave	1.199	1.130	0.0500	47200	50000	-5.7	25.0
2,4-Dinitrophenol	Ave	0.1247	0.1102	0.0500	44200	50000	-11.7	25.0
4-Nitrophenol	Ave	0.1913	0.1721	0.0500	45000	50000	-10.0	25.0
2,4-Dinitrotoluene	Ave	0.3232	0.3110	0.0500	48100	50000	-3.8	25.0
Dibenzofuran	Ave	1.564	1.536	0.0500	49100	50000	-1.8	25.0
Diethyl phthalate	Ave	1.166	1.100	0.0500	47200	50000	-5.6	25.0
4-Chlorophenyl phenyl ether	Ave	0.5235	0.4977	0.0500	47500	50000	-4.9	25.0
Fluorene	Ave	1.175	1.140	0.0500	48500	50000	-3.0	25.0
4-Nitroaniline	Ave	0.2480	0.2318	0.0500	46700	50000	-6.5	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1340	0.1287	0.0500	48000	50000	-3.9	25.0
N-Nitrosodiphenylamine	Ave	0.6384	0.6399	0.0500	50100	50000	0.2	25.0
1,2-Diphenylhydrazine	Ave	1.243	1.280	0.0500	51500	50000	3.0	25.0
4-Bromophenyl phenyl ether	Ave	0.2277	0.2278	0.0500	50000	50000	0.0	25.0
Hexachlorobenzene	Ave	0.2309	0.2275	0.0500	49300	50000	-1.5	25.0
Atrazine	Ave	0.1867	0.1868	0.0500	50000	50000	0.0	25.0
Pentachlorophenol	Ave	0.1307	0.1187	0.0500	45400	50000	-9.2	25.0
Phenanthrene	Ave	1.165	1.157	0.0500	49600	50000	-0.7	25.0
Anthracene	Ave	1.178	1.165	0.0500	49400	50000	-1.1	25.0
Carbazole	Ave	0.9628	0.9268	0.0500	48100	50000	-3.7	25.0
Di-n-butyl phthalate	Ave	1.262	1.251	0.0500	49600	50000	-0.9	25.0
Fluoranthene	Ave	0.8942	0.8652	0.0500	48400	50000	-3.2	25.0
Benzidine	Ave	0.0770	0.0872	0.0500	56600	50000	13.2	25.0
Pyrene	Ave	1.938	1.873	0.0500	48300	50000	-3.4	25.0
Butyl benzyl phthalate	Ave	0.7976	0.7973	0.0500	50000	50000	0.0	25.0
2,3,7,8-TCDD	Ave	0.1537	0.1454	0.0500	473	500	-5.4	25.0
3,3'-Dichlorobenzidine	Ave	0.2828	0.3238	0.0500	57200	50000	14.5	25.0
Benzo[a]anthracene	Ave	1.156	1.090	0.0500	47100	50000	-5.7	25.0
Bis(2-ethylhexyl) phthalate	Ave	1.038	1.011	0.0500	48700	50000	-2.6	25.0
Chrysene	Ave	1.070	1.044	0.0500	48800	50000	-2.4	25.0
Di-n-octyl phthalate	Ave	1.983	2.043	0.0500	51500	50000	3.0	25.0
Benzo[b]fluoranthene	Ave	1.152	1.243	0.0500	53900	50000	7.9	25.0
Benzo[k]fluoranthene	Ave	1.282	1.322	0.0500	51600	50000	3.1	25.0
Benzo[a]pyrene	Ave	0.9548	1.084	0.0500	56800	50000	13.5	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.7958	0.8466	0.0500	53200	50000	6.4	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab Sample ID: CCV 460-38152/1 Calibration Date: 05/21/2010 13:51

Instrument ID: BNAMS11 Calib Start Date: 05/19/2010 10:37

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/19/2010 12:49

Lab File ID: z10505.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibenz(a,h)anthracene	Ave	0.8090	0.8654	0.0500	53500	50000	7.0	25.0
Benzo[g,h,i]perylene	Ave	0.7986	0.9070	0.0500	56800	50000	13.6	25.0
2-Fluorophenol (Surr)	Ave	1.358	1.336	0.0500	49200	50000	-1.6	25.0
Phenol-d5 (Surr)	Ave	1.519	1.514	0.0500	49800	50000	-0.3	25.0
Nitrobenzene-d5 (Surr)	Ave	0.3847	0.3987	0.0500	51800	50000	3.7	25.0
2-Fluorobiphenyl	Ave	1.425	1.448	0.0500	50800	50000	1.6	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1300	0.1203	0.0500	46300	50000	-7.5	25.0
Terphenyl-d14 (Surr)	Ave	1.160	1.126	0.0500	48600	50000	-2.9	25.0

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10br.b/z10505.d
Report Date: 21-May-2010 16:05

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/21may10br.b/z10505.d
Lab Smp Id: CCV-424486
Inj Date : 21-MAY-2010 13:51
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : CCV-424486
Misc Info : 50 ppm bna 4456
Comment :
Method : /chem/BNAMS11.i/8270/05-19-10del/21may10br.b/8270Cdel_08.m
Meth Date : 21-May-2010 16:05 croccom Quant Type: ISTD
Cal Date : 21-MAY-2010 13:51 Cal File: z10505.d
Als bottle: 12 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	106 1,4-Dioxane	88	1.796	1.796	(0.399)	624388	50.0000	50
	19 N-Nitrosodimethylamine	74	2.037	2.037	(0.453)	870501	50.0000	50
	71 Pyridine	79	2.066	2.066	(0.460)	1536057	50.0000	50
$	16 2-Fluorophenol (SUR)	112	3.207	3.207	(0.713)	1299818	50.0000	49
	110 Benzaldehyde	77	4.049	4.049	(0.901)	739397	50.0000	85
$	17 Phenol-d5 (SUR)	99	4.125	4.125	(0.918)	1472209	50.0000	50
	1 Phenol	94	4.143	4.143	(0.921)	1589561	50.0000	48
	73 Aniline	93	4.160	4.160	(0.925)	1951478	50.0000	52
	20 bis(2-Chloroethyl)ether	93	4.225	4.225	(0.940)	1352751	50.0000	46
	2 2-Chlorophenol	128	4.290	4.290	(0.954)	1310985	50.0000	50
	113 n-decane	43	4.331	4.331	(0.963)	1959874	50.0000	51
	21 1,3-Dichlorobenzene	146	4.443	4.443	(0.988)	1650825	50.0000	50
*	79 1,4-Dichlorobenzene-d4	152	4.496	4.496	(1.000)	778098	40.0000	
	22 1,4-Dichlorobenzene	146	4.507	4.507	(1.003)	1628662	50.0000	49
	74 Benzyl Alcohol	108	4.631	4.631	(1.030)	699787	50.0000	43

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10br.b/z10505.d
Report Date: 21-May-2010 16:05

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
	==========	====	==	======	======	========	=======	=======
23	1,2-Dichlorobenzene	146	4.666	4.666	(1.038)	1525571	50.0000	49
3	2-Methylphenol	108	4.743	4.743	(1.055)	1105983	50.0000	50
122	o-Toluidine	107	4.901	4.901	(1.090)	2406961	50.0000	48
24	bis (2-chloroisopropyl) ether	45	4.760	4.760	(1.059)	2442272	50.0000	51
4	4-Methylphenol	108	4.901	4.901	(1.090)	1090229	50.0000	47
121	3 & 4 Methylphenol	108	4.901	4.901	(1.090)	1090229	50.0000	47
104	Acetophenone	105	4.901	4.901	(1.090)	1621724	50.0000	50
25	N-Nitroso-di-n-propylamine	70	4.907	4.907	(1.092)	853068	50.0000	51
26	Hexachloroethane	117	5.007	5.007	(1.114)	607161	50.0000	50
$ 76	Nitrobenzene-d5 (SUR)	82	5.048	5.048	(0.875)	1361017	50.0000	52
107	N,N-Dimethylaniline	120	5.078	5.078	(1.130)	1839061	50.0000	48
27	Nitrobenzene	77	5.072	5.072	(0.879)	1865423	50.0000	51
28	Isophorone	82	5.313	5.313	(0.920)	2201944	50.0000	50
5	2-Nitrophenol	139	5.390	5.390	(0.934)	689867	50.0000	50
6	2,4-Dimethylphenol	122	5.431	5.431	(0.941)	1007412	50.0000	50
29	bis(2-Chloroethoxy)methane	93	5.525	5.525	(0.957)	1322741	50.0000	49
7	2,4-Dichlorophenol	162	5.637	5.637	(0.977)	920086	50.0000	49
30	1,2,4-Trichlorobenzene	180	5.719	5.719	(0.991)	1064494	50.0000	49
* 80	Naphthalene-d8	136	5.772	5.772	(1.000)	2730638	40.0000	
31	Naphthalene	128	5.796	5.796	(1.004)	3550675	50.0000	50
32	4-Chloroaniline	127	5.848	5.848	(1.013)	1279401	50.0000	49
33	Hexachlorobutadiene	225	5.925	5.925	(1.026)	578436	50.0000	49
111	Caprolactam	113	6.225	6.225	(1.078)	255318	50.0000	50
8	4-Chloro-3-methylphenol	107	6.337	6.337	(1.098)	869023	50.0000	48
34	2-Methylnaphthalene	142	6.490	6.490	(1.124)	2148444	50.0000	49
120	1-Methylnaphthalene	142	6.590	6.590	(1.142)	2129336	50.0000	50
35	Hexachlorocyclopentadiene	237	6.654	6.654	(0.884)	468222	50.0000	44
9	2,4,6-Trichlorophenol	196	6.772	6.772	(0.899)	512296	50.0000	48
10	2,4,5-Trichlorophenol	196	6.813	6.813	(0.905)	523807	50.0000	49
$ 77	2-Fluorobiphenyl (SUR)	172	6.854	6.854	(0.910)	2129313	50.0000	51
102	Diphenyl	154	6.954	6.954	(0.923)	2405766	50.0000	51
36	2-Chloronaphthalene	162	6.978	6.978	(0.927)	1824028	50.0000	50
103	Diphenyl Ether	170	7.054	7.054	(0.937)	1262888	50.0000	50
37	2-Nitroaniline	65	7.078	7.078	(0.940)	663255	50.0000	53
38	Dimethylphthalate	163	7.254	7.254	(0.963)	1738813	50.0000	49
114	Coumarin	146	7.284	7.284	(1.262)	571256	50.0000	47
40	2,6-Dinitrotoluene	165	7.313	7.313	(0.971)	389211	50.0000	50
39	Acenaphthylene	152	7.390	7.390	(0.981)	2810057	50.0000	48
41	3-Nitroaniline	138	7.484	7.484	(0.994)	415389	50.0000	47
* 82	Acenaphthene-d10	164	7.531	7.531	(1.000)	1176429	40.0000	
42	Acenaphthene	154	7.560	7.560	(1.004)	1662355	50.0000	47
11	2,4-Dinitrophenol	184	7.584	7.584	(1.007)	162014	50.0000	44
12	4-Nitrophenol	65	7.642	7.642	(1.015)	253105	50.0000	45
44	2,4-Dinitrotoluene	165	7.713	7.713	(1.024)	457369	50.0000	48
43	Dibenzofuran	168	7.731	7.731	(1.027)	2258977	50.0000	49
45	Diethylphthalate	149	7.954	7.954	(1.056)	1617949	50.0000	47
46	4-Chlorophenyl-phenylether	204	8.066	8.066	(1.071)	731884	50.0000	48

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10br.b/z10505.d
Report Date: 21-May-2010 16:05

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
	47 Fluorene	166	8.072	8.072	(1.072)	1677086	50.0000	48
	48 4-Nitroaniline	138	8.089	8.089	(1.074)	340818	50.0000	47
	13 4,6-Dinitro-2-methylphenol	198	8.119	8.119	(0.903)	206747	50.0000	48
	49 N-Nitrosodiphenylamine	169	8.184	8.184	(0.910)	1027804	50.0000	50
	75 1,2-Diphenylhydrazine	77	8.225	8.225	(0.914)	2056036	50.0000	52
$	18 2,4,6-Tribromophenol (SUR)	330	8.307	8.307	(1.103)	176931	50.0000	46
	50 4-Bromophenyl-phenylether	248	8.548	8.548	(0.950)	365801	50.0000	50
	51 Hexachlorobenzene	284	8.625	8.625	(0.959)	365412	50.0000	49
	112 Atrazine	200	8.707	8.707	(0.968)	299943	50.0000	50
	14 Pentachlorophenol	266	8.813	8.813	(0.980)	190607	50.0000	45
*	83 Phenanthrene-d10	188	8.995	8.995	(1.000)	1284900	40.0000	
	52 Phenanthrene	178	9.019	9.019	(1.003)	1857501	50.0000	50
	53 Anthracene	178	9.072	9.072	(1.008)	1870486	50.0000	49
	54 Carbazole	167	9.225	9.225	(1.026)	1488584	50.0000	48
	55 Di-n-butylphthalate	149	9.560	9.560	(1.063)	2008921	50.0000	50
	56 Fluoranthene	202	10.195	10.195	(1.133)	1389626	50.0000	48
	58 Benzidine	184	10.319	10.319	(1.147)	140051	50.0000	57
	57 Pyrene	202	10.425	10.425	(0.883)	1366286	50.0000	48
$	78 Terphenyl-d14	244	10.578	10.578	(0.896)	821624	50.0000	48
	59 Butylbenzylphthalate	149	11.113	11.113	(0.942)	581728	50.0000	50
	109 2,3,7,8-TCDD (Screen)	320	11.236	11.236	(0.952)	1061	0.50000	0.47(a)
	60 3,3'-Dichlorobenzidine	252	11.754	11.754	(0.996)	236278	50.0000	57
	61 Benzo(a)anthracene	228	11.789	11.789	(0.999)	795268	50.0000	47
*	81 Chrysene-d12	240	11.801	11.801	(1.000)	583722	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.819	11.819	(1.001)	737513	50.0000	49
	62 Chrysene	228	11.836	11.836	(1.003)	762036	50.0000	49
	64 Di-n-octylphthalate	149	12.689	12.689	(0.922)	995242	50.0000	52
	65 Benzo(b)fluoranthene	252	13.230	13.230	(0.962)	605761	50.0000	54
	66 Benzo(k)fluoranthene	252	13.266	13.266	(0.964)	644276	50.0000	52
	67 Benzo(a)pyrene	252	13.677	13.677	(0.994)	528066	50.0000	57
*	84 Perylene-d12	264	13.760	13.760	(1.000)	389796	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	15.342	15.342	(1.115)	412493	50.0000	53(M)
	69 Dibenz(a,h)anthracene	278	15.377	15.377	(1.118)	421683	50.0000	53
	70 Benzo(g,h,i)perylene	276	15.789	15.789	(1.147)	441945	50.0000	57

QC Flag Legend

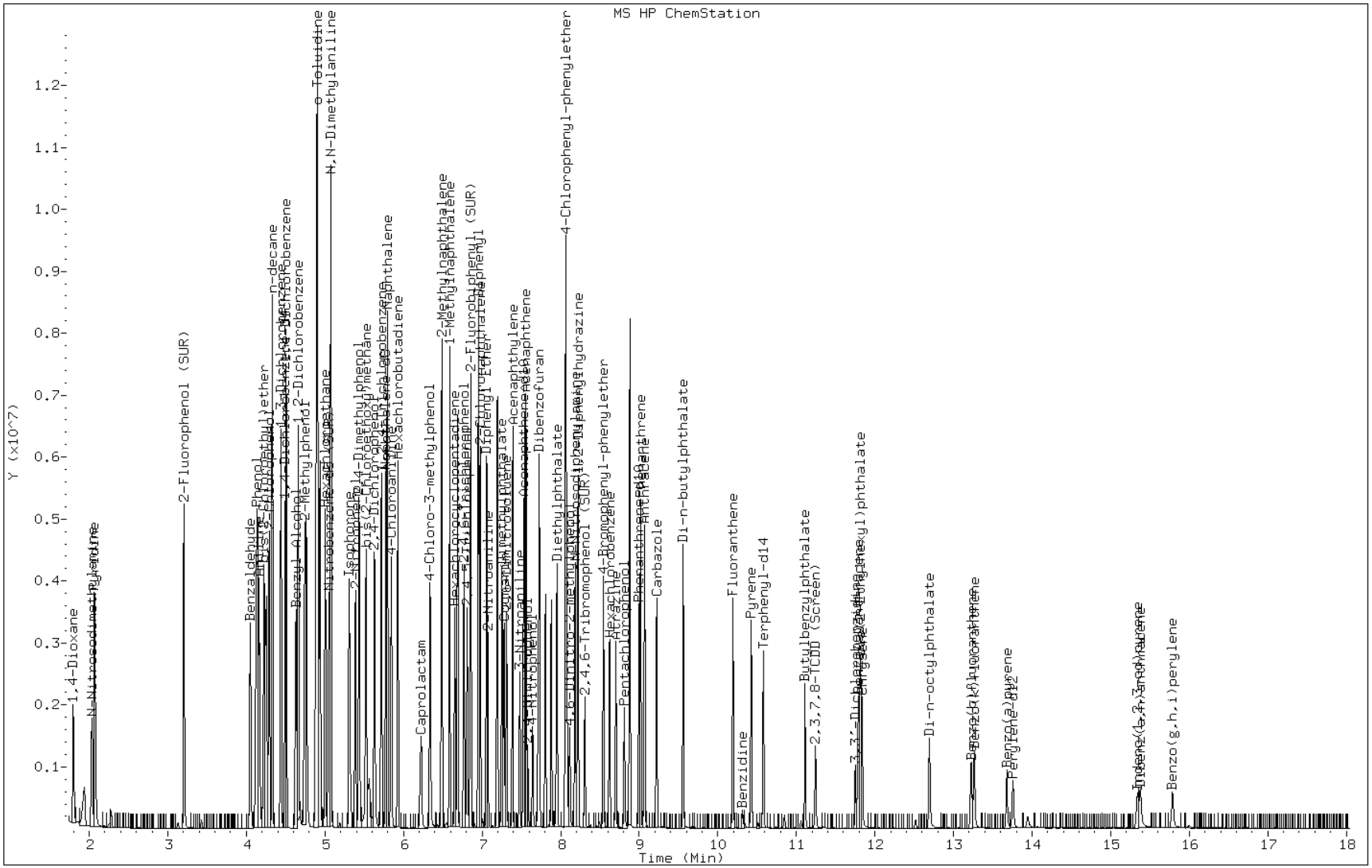
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: z10505.d

Date: 21-MAY-2010 13:51

Client ID: Instrument: BNAMS11.i

Sample Info: CCV-424486 Operator: BNAMS 4



Manual Integration Report

Data File: z10505.d
Inj. Date and Time: 21-MAY-2010 13:51
Instrument ID: BNAMS11.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 05/24/2010

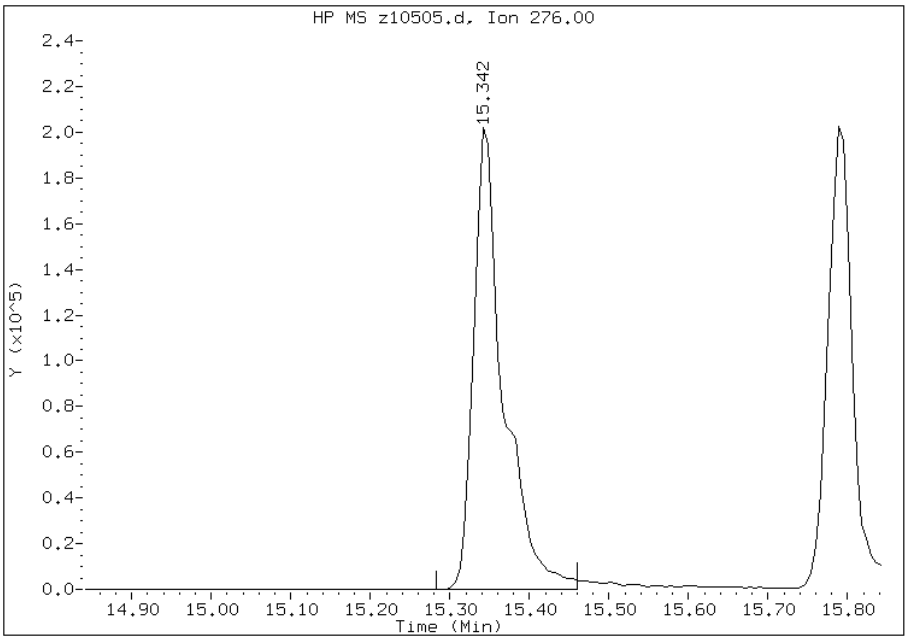
Processing Integration Results

RT: 15.34

Response: 523385

Amount: 67

Conc: 67



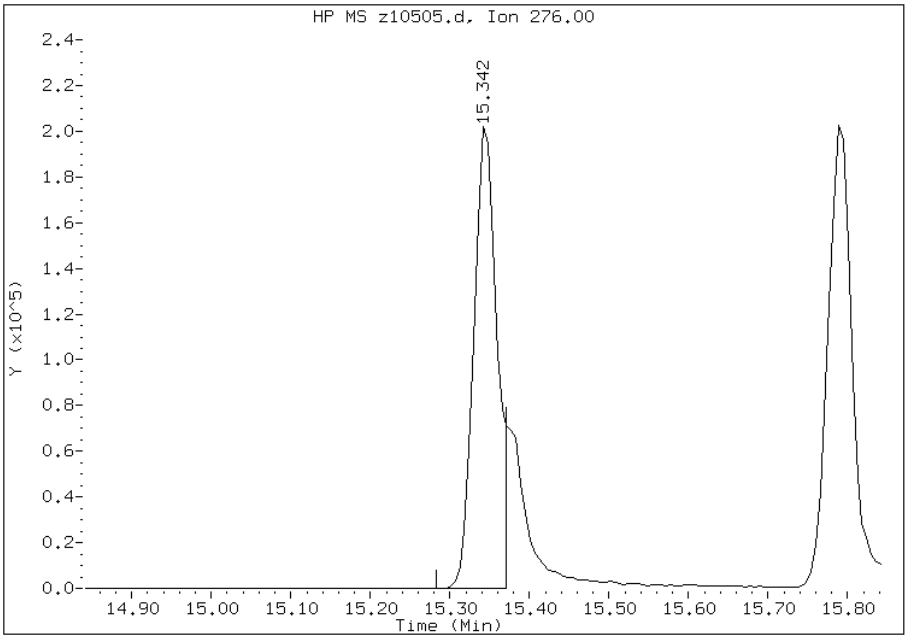
Manual Integration Results

RT: 15.34

Response: 412493

Amount: 53

Conc: 53



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10412.d
Report Date: 19-May-2010 13:16

TestAmerica

Data file : /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10412.d
Lab Smp Id: DFTPP-459998
Inj Date : 19-MAY-2010 10:19
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-459998
Misc Info : 25 ppm dftpp bna 4472
Comment   :
Method   : /chem/BNAMS11.i/8270/05-19-10del/19may10.b/DFTPP8270DEL.m
Meth Date : 30-Mar-2010 09:57 croccom Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.387	5.418	-0.031	198	28971			0.00- 100.00	100.00
5.387	5.418	-0.031	51	13203			30.00- 60.00	45.57
5.387	5.418	-0.031	68	0			0.00- 2.00	0.00
5.387	5.418	-0.031	69	11088			0.00- 0.00	38.27
5.387	5.418	-0.031	70	0			0.00- 2.00	0.00
5.387	5.418	-0.031	127	13711			40.00- 60.00	47.33
5.387	5.418	-0.031	197	0			0.00- 1.00	0.00
5.387	5.418	-0.031	199	1855			5.00- 9.00	6.40
5.387	5.418	-0.031	275	6693			10.00- 30.00	23.10
5.387	5.418	-0.031	365	740			1.00- 0.00	2.55
5.387	5.418	-0.031	441	3534			0.01- 100.00	74.59
5.387	5.418	-0.031	442	24052			40.00- 110.00	83.02
5.387	5.418	-0.031	443	4738			17.00- 23.00	19.70

Data File: z10412.d

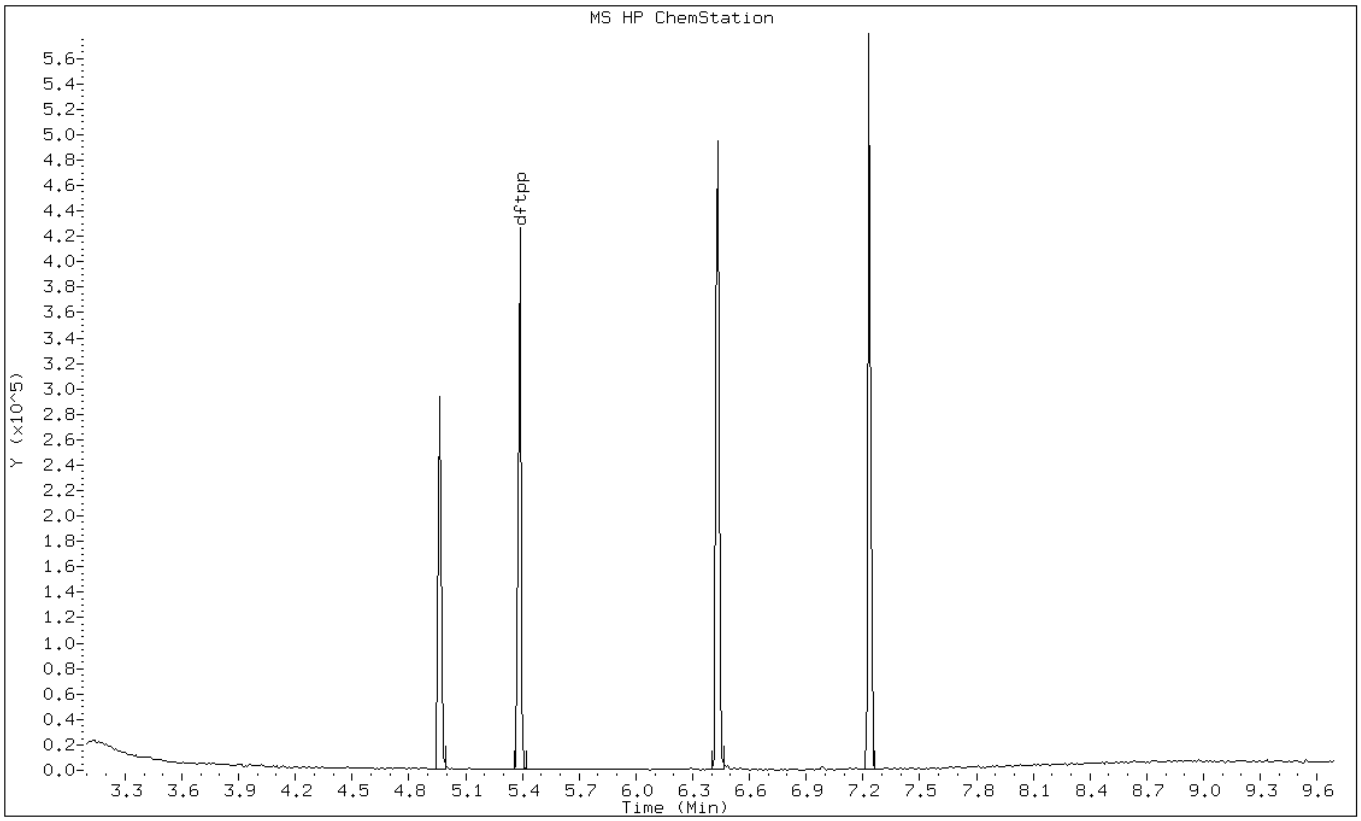
Date: 19-MAY-2010 10:19

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-459998

Operator: BNA2



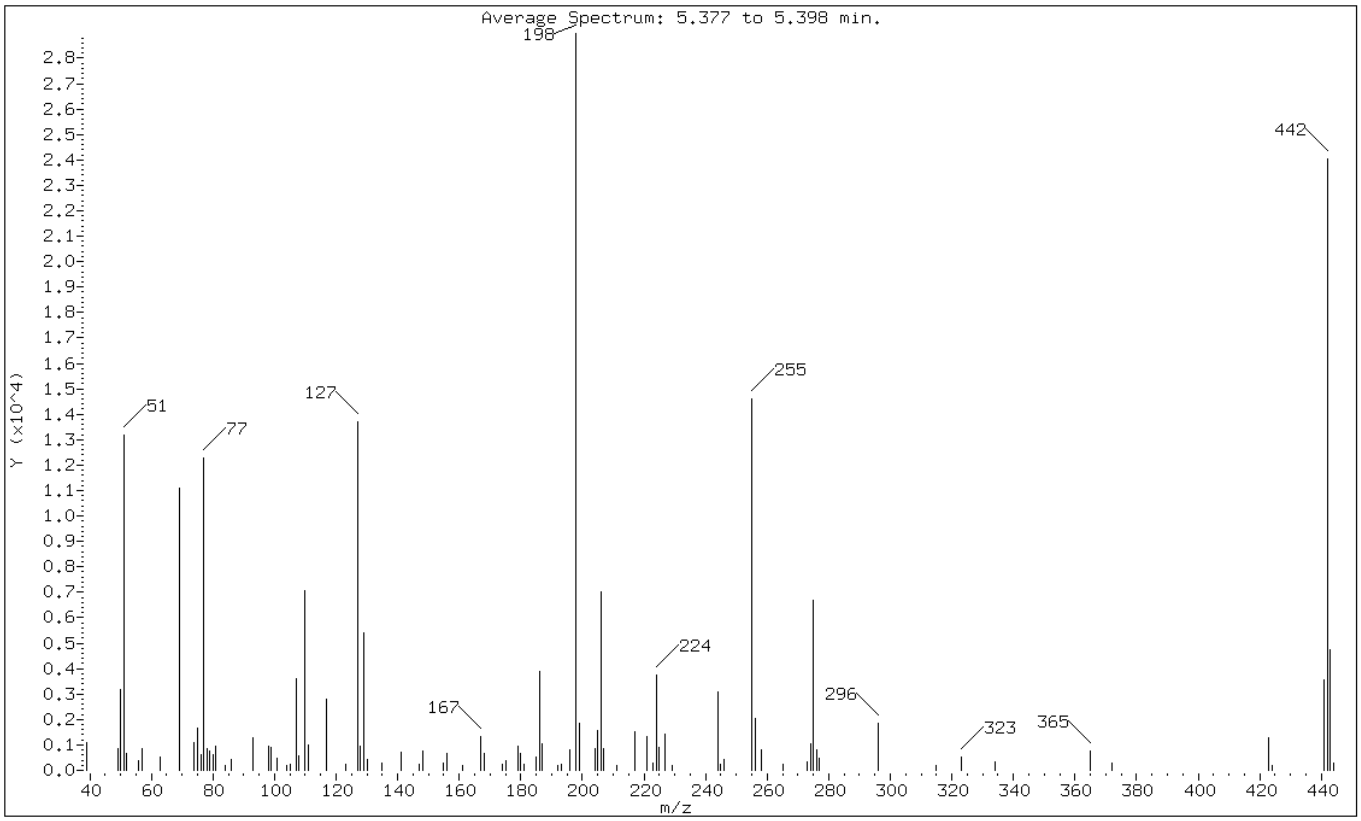
Data File: z10412.d

Date: 19-MAY-2010 10:19

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-459998 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	45.57
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	38.27
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	47.33
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.40
275	10.00 - 30.00% of mass 198	23.10
365	Greater than 1.00% of mass 198	2.55
441	0.01 - 100.00% of mass 443	12.20 (74.59)
442	40.00 - 110.00% of mass 198	83.02
443	17.00 - 23.00% of mass 442	16.35 (19.70)

Data File: z10412.d

Date: 19-MAY-2010 10:19

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-459998 Operator: BNA2

Data File: /chem/BNAMS11.i/8270/05-19-10del/19may10.b/z10412.d
Spectrum: Average Spectrum: 5.377 to 5.398 min.
Location of Maximum: 198.00
Number of points: 93

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1099	105.00	215	181.00	227	255.00	14600
49.00	843	107.00	3607	185.00	502	256.00	2053
50.00	3189	108.00	566	186.00	3874	258.00	793
51.00	13203	110.00	7067	187.00	1027	265.00	256
52.00	682	111.00	999	192.00	211	273.00	334
56.00	396	117.00	2799	193.00	234	274.00	1066
57.00	856	123.00	259	196.00	806	275.00	6693
63.00	543	127.00	13711	198.00	28968	276.00	786
69.00	11088	128.00	954	199.00	1855	277.00	456
74.00	1077	129.00	5383	204.00	851	296.00	1849
75.00	1682	130.00	439	205.00	1543	315.00	200
76.00	621	135.00	280	206.00	7039	323.00	514
77.00	12262	141.00	719	207.00	846	334.00	315
78.00	858	147.00	224	211.00	191	365.00	740
79.00	739	148.00	781	217.00	1517	372.00	273
80.00	638	155.00	271	221.00	1327	423.00	1261
81.00	949	156.00	658	223.00	263	424.00	213
84.00	179	161.00	206	224.00	3728	441.00	3534
86.00	417	167.00	1340	225.00	920	442.00	24048
93.00	1296	168.00	655	227.00	1416	443.00	4738
98.00	970	174.00	248	229.00	198	444.00	295
99.00	922	175.00	384	244.00	3090		
101.00	479	179.00	945	245.00	215		
104.00	204	180.00	682	246.00	433		

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10494.d
Report Date: 21-May-2010 10:36

TestAmerica

Data file : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10494.d
Lab Smp Id: DFTPP-459998
Inj Date : 21-MAY-2010 09:10
Operator : BNA2 Inst ID: BNAMS11.i
Smp Info : DFTPP-459998
Misc Info : 25 ppm dftpp bna 4472
Comment   :
Method   : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/DFTPP8270DEL.m
Meth Date : 30-Mar-2010 09:57 croccom Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.367	5.418	-0.051	198	29087			0.00- 100.00	100.00
5.367	5.418	-0.051	51	14472			30.00- 60.00	49.75
5.367	5.418	-0.051	68	0			0.00- 2.00	0.00
5.367	5.418	-0.051	69	11614			0.00- 0.00	39.93
5.367	5.418	-0.051	70	0			0.00- 2.00	0.00
5.367	5.418	-0.051	127	14208			40.00- 60.00	48.85
5.367	5.418	-0.051	197	0			0.00- 1.00	0.00
5.367	5.418	-0.051	199	1716			5.00- 9.00	5.90
5.367	5.418	-0.051	275	6427			10.00- 30.00	22.10
5.367	5.418	-0.051	365	837			1.00- 0.00	2.88
5.367	5.418	-0.051	441	3091			0.01- 100.00	74.43
5.367	5.418	-0.051	442	21643			40.00- 110.00	74.41
5.367	5.418	-0.051	443	4153			17.00- 23.00	19.19

Data File: z10494.d

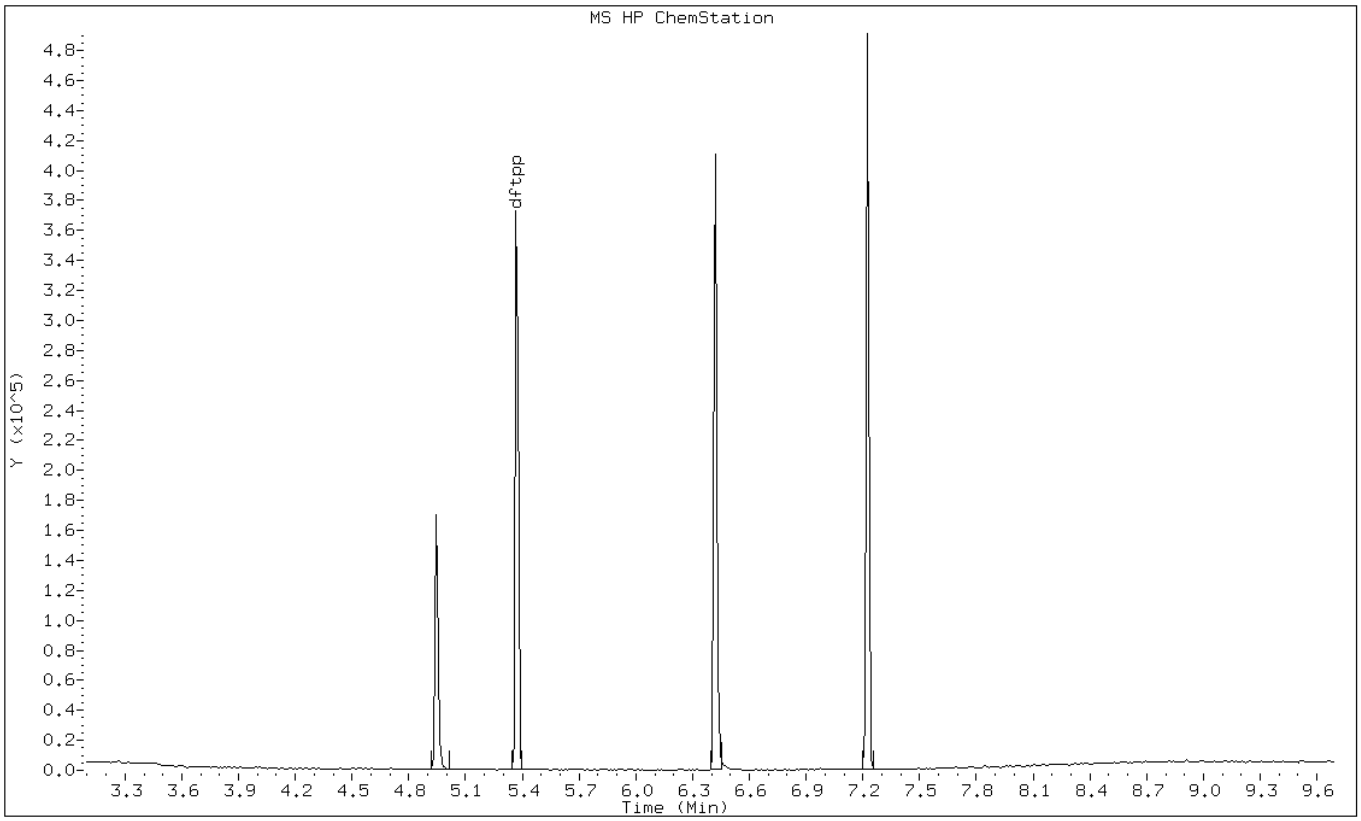
Date: 21-MAY-2010 09:10

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-459998

Operator: BNA2



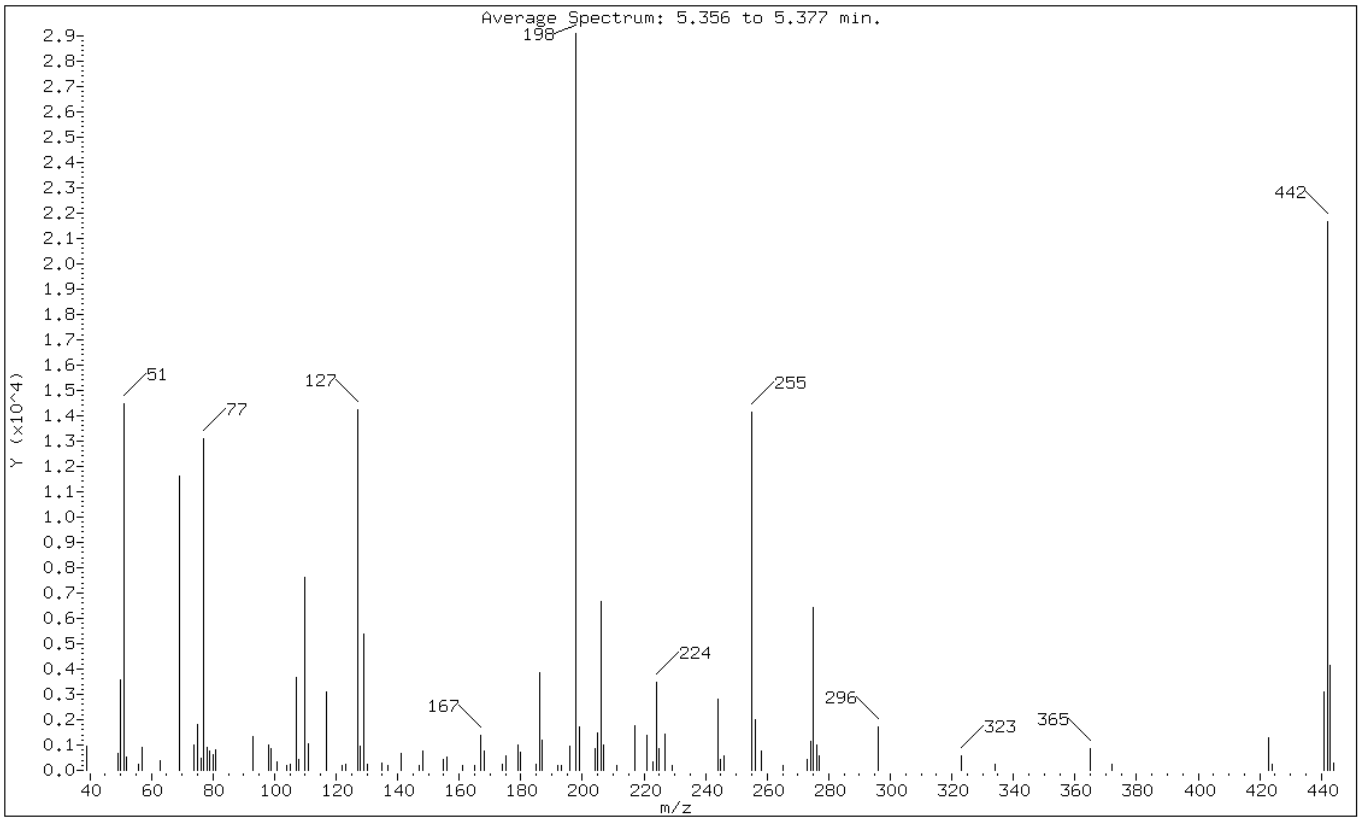
Data File: z10494.d

Date: 21-MAY-2010 09:10

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-459998 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	49.75
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	39.93
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	48.85
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	5.90
275	10.00 - 30.00% of mass 198	22.10
365	Greater than 1.00% of mass 198	2.88
441	0.01 - 100.00% of mass 443	10.63 (74.43)
442	40.00 - 110.00% of mass 198	74.41
443	17.00 - 23.00% of mass 442	14.28 (19.19)

Data File: z10494.d

Date: 21-MAY-2010 09:10

Client ID: Instrument: BNAMS11.i

Sample Info: DFTPP-459998 Operator: BNA2

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10494.d
Spectrum: Average Spectrum: 5.356 to 5.377 min.
Location of Maximum: 198.00
Number of points: 92

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	938	108.00	424	180.00	729	255.00	14119
49.00	682	110.00	7604	185.00	236	256.00	2021
50.00	3562	111.00	1060	186.00	3856	258.00	759
51.00	14472	117.00	3075	187.00	1184	265.00	175
52.00	516	122.00	190	192.00	191	273.00	437
56.00	253	123.00	234	193.00	204	274.00	1128
57.00	918	127.00	14208	196.00	930	275.00	6427
63.00	383	128.00	936	198.00	29080	276.00	980
69.00	11614	129.00	5369	199.00	1716	277.00	562
74.00	1001	130.00	257	204.00	852	296.00	1734
75.00	1820	135.00	270	205.00	1474	323.00	576
76.00	456	137.00	194	206.00	6666	334.00	250
77.00	13103	141.00	669	207.00	976	365.00	837
78.00	885	147.00	196	211.00	195	372.00	221
79.00	748	148.00	767	217.00	1768	423.00	1285
80.00	613	155.00	442	221.00	1370	424.00	242
81.00	804	156.00	532	223.00	350	441.00	3091
93.00	1333	161.00	209	224.00	3461	442.00	21640
98.00	997	165.00	179	225.00	843	443.00	4153
99.00	871	167.00	1389	227.00	1411	444.00	307
101.00	337	168.00	765	229.00	179		
104.00	200	174.00	217	244.00	2800		
105.00	232	175.00	566	245.00	433		
107.00	3650	179.00	977	246.00	555		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-37941/1-A

Matrix: Water | Lab File ID: z10496.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/20/2010 17:02

Sample wt/vol: 1000(mL) | Date Analyzed: 05/21/2010 10:05

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	10	U	10	1.3
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.41
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	3.2
98-86-2	Acetophenone	10	U	10	4.3
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.32
67-72-1	Hexachloroethane	1.0	U	1.0	0.50
98-95-3	Nitrobenzene	1.0	U	1.0	0.41
78-59-1	Isophorone	10	U	10	3.6
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	3.5
91-20-3	Naphthalene	10	U	10	3.7
106-47-8	4-Chloroaniline	10	U	10	2.1
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.94
105-60-2	Caprolactam	10	U	10	0.50
91-57-6	2-Methylnaphthalene	10	U	10	3.1
77-47-4	Hexachlorocyclopentadiene	10	U	10	4.6
92-52-4	1,1'-Biphenyl	10	U	10	5.4
91-58-7	2-Chloronaphthalene	10	U	10	3.8
88-74-4	2-Nitroaniline	20	U	20	5.7
131-11-3	Dimethyl phthalate	10	U	10	3.3
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.59
208-96-8	Acenaphthylene	10	U	10	4.0
99-09-2	3-Nitroaniline	20	U	20	4.3
83-32-9	Acenaphthene	10	U	10	3.8
132-64-9	Dibenzofuran	10	U	10	3.6
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.43
84-66-2	Diethyl phthalate	10	U	10	3.8
86-73-7	Fluorene	10	U	10	3.3
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	3.9
100-01-6	4-Nitroaniline	20	U	20	4.0
86-30-6	N-Nitrosodiphenylamine	10	U	10	3.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	3.9
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.27
1912-24-9	Atrazine	10	U	10	4.8
85-01-8	Phenanthrene	10	U	10	3.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-37941/1-A

Matrix: Water | Lab File ID: z10496.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/20/2010 17:02

Sample wt/vol: 1000(mL) | Date Analyzed: 05/21/2010 10:05

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	10	U	10	3.6
86-74-8	Carbazole	10	U	10	3.1
84-74-2	Di-n-butyl phthalate	10	U	10	2.8
206-44-0	Fluoranthene	10	U	10	2.6
129-00-0	Pyrene	10	U	10	4.3
85-68-7	Butyl benzyl phthalate	10	U	10	2.8
91-94-1	3,3'-Dichlorobenzidine	20	U	20	7.0
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.4
117-84-0	Di-n-octyl phthalate	10	U	10	1.9
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.30
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.12
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.7

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	70	50-119	
321-60-8	2-Fluorobiphenyl	78	61-112	
367-12-4	2-Fluorophenol (Surr)	26	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	81	61-120	
4165-62-2	Phenol-d5 (Surr)	24	9-48	
1718-51-0	Terphenyl-d14 (Surr)	93	41-124	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-37941/1-A

Matrix: Water | Lab File ID: z10496.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/20/2010 17:02

Sample wt/vol: 1000(mL) | Date Analyzed: 05/21/2010 10:05

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10496.d
Report Date: 24-May-2010 13:10

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10496.d
Lab Smp Id: MB 460-37941/1-A
Inj Date : 21-MAY-2010 10:05
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : MB 460-37941/1-A
Misc Info : MB 460-37941/1-A
Comment :
Method : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/8270Cdel_08.m
Meth Date : 21-May-2010 11:00 croccom Quant Type: ISTD
Cal Date : 21-MAY-2010 09:28 Cal File: z10495.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
$ 16 2-Fluorophenol (SUR)	112	3.201	3.202	(0.714)	407371	12.9460	26
$ 17 Phenol-d5 (SUR)	99	4.101	4.125	(0.915)	428116	12.0106	24
* 79 1,4-Dichlorobenzene-d4	152	4.484	4.490	(1.000)	921796	40.0000	
23 1,2-Dichlorobenzene	146	4.660	4.660	(1.039)	5437	0.15055	0.30(a)
$ 76 Nitrobenzene-d5 (SUR)	82	5.037	5.048	(0.874)	1437693	40.7055	81
* 80 Naphthalene-d8	136	5.766	5.772	(1.000)	3508888	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.848	6.854	(0.910)	2377986	39.0591	78
* 82 Acenaphthene-d10	164	7.525	7.531	(1.000)	1680193	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.301	8.307	(1.103)	178380	35.2488	70
* 83 Phenanthrene-d10	188	8.995	8.995	(1.000)	1998203	40.0000	
$ 78 Terphenyl-d14	244	10.577	10.578	(0.896)	1138640	46.5493	93
* 81 Chrysene-d12	240	11.801	11.801	(1.000)	854531	40.0000	
* 84 Perylene-d12	264	13.760	13.760	(1.000)	535506	40.0000	

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10496.d
Report Date: 24-May-2010 13:10

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10496.d
Report Date: 24-May-2010 13:10

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10496.d
Lab Smp Id: MB 460-37941/1-A
Inj Date : 21-MAY-2010 10:05
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : MB 460-37941/1-A
Misc Info : MB 460-37941/1-A
Comment :
Method : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/8270Cdel_08.m
Meth Date : 21-May-2010 11:00 croccom Quant Type: ISTD
Cal Date : 21-MAY-2010 09:28 Cal File: z10495.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

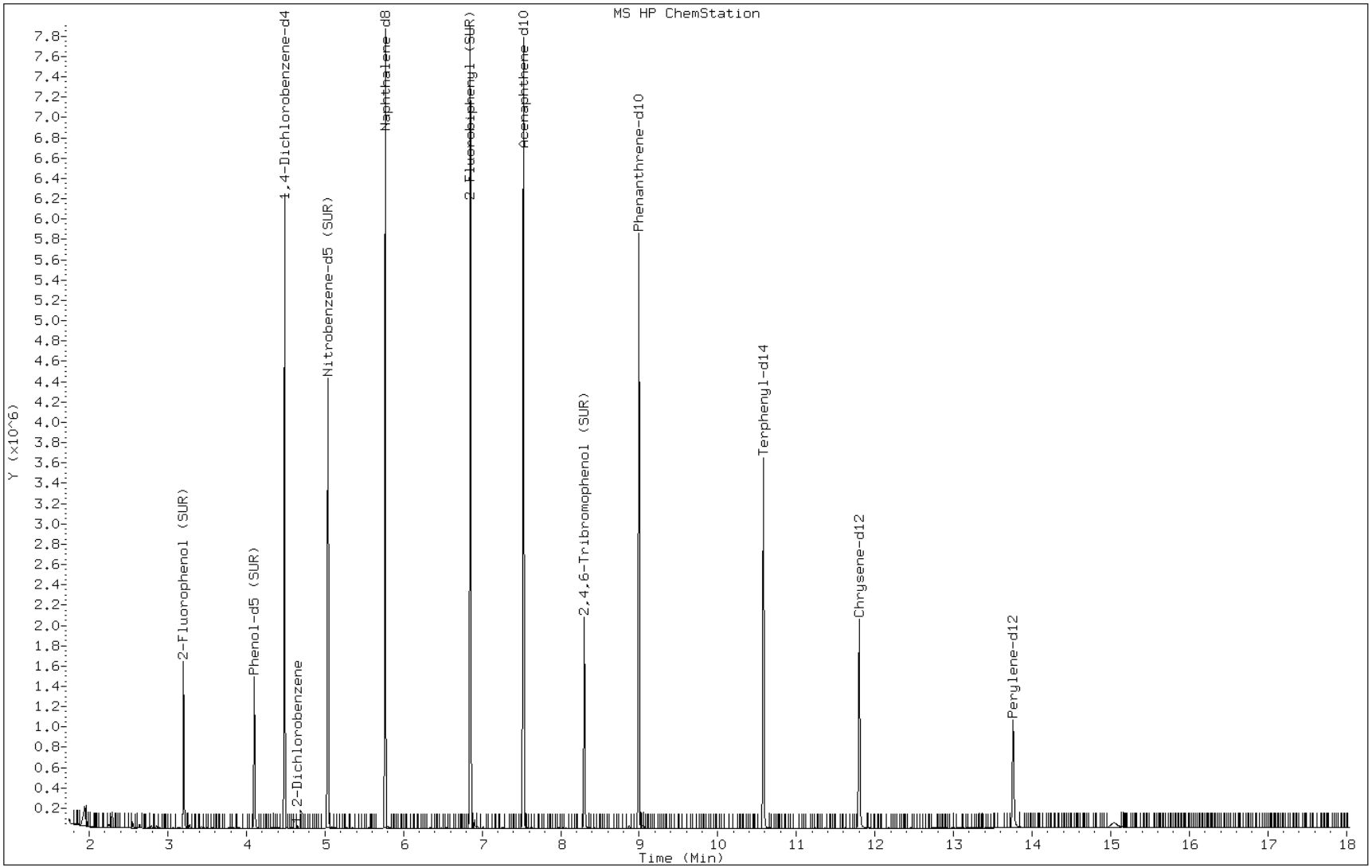
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z10496.d

Date: 21-MAY-2010 10:05

Client ID: Instrument: BNAMS11.i

Sample Info: MB 460-37941/1-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-37941/2-A

Matrix: Water | Lab File ID: z10497.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/20/2010 17:02

Sample wt/vol: 1000(mL) | Date Analyzed: 05/21/2010 10:29

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	181		10	1.3
111-44-4	Bis(2-chloroethyl)ether	84.0		1.0	0.41
108-60-1	2,2'-oxybis[1-chloropropane]	85.6		10	3.2
98-86-2	Acetophenone	91.2		10	4.3
621-64-7	N-Nitrosodi-n-propylamine	88.2		1.0	0.32
67-72-1	Hexachloroethane	61.1		1.0	0.50
98-95-3	Nitrobenzene	74.6		1.0	0.41
78-59-1	Isophorone	86.7		10	3.6
111-91-1	Bis(2-chloroethoxy)methane	87.4		10	3.5
91-20-3	Naphthalene	80.0		10	3.7
106-47-8	4-Chloroaniline	44.7		10	2.1
87-68-3	Hexachlorobutadiene	59.7		2.0	0.94
105-60-2	Caprolactam	9.25	J	10	0.50
91-57-6	2-Methylnaphthalene	83.1		10	3.1
77-47-4	Hexachlorocyclopentadiene	59.6		10	4.6
92-52-4	1,1'-Biphenyl	88.1		10	5.4
91-58-7	2-Chloronaphthalene	82.8		10	3.8
88-74-4	2-Nitroaniline	89.6		20	5.7
131-11-3	Dimethyl phthalate	92.4		10	3.3
606-20-2	2,6-Dinitrotoluene	92.4		2.0	0.59
208-96-8	Acenaphthylene	87.2		10	4.0
99-09-2	3-Nitroaniline	63.3		20	4.3
83-32-9	Acenaphthene	88.1		10	3.8
132-64-9	Dibenzofuran	88.0		10	3.6
121-14-2	2,4-Dinitrotoluene	92.9		2.0	0.43
84-66-2	Diethyl phthalate	93.6		10	3.8
86-73-7	Fluorene	90.2		10	3.3
7005-72-3	4-Chlorophenyl phenyl ether	88.8		10	3.9
100-01-6	4-Nitroaniline	88.9		20	4.0
86-30-6	N-Nitrosodiphenylamine	96.1		10	3.9
101-55-3	4-Bromophenyl phenyl ether	86.9		10	3.9
118-74-1	Hexachlorobenzene	86.0		1.0	0.27
1912-24-9	Atrazine	88.2		10	4.8
85-01-8	Phenanthrene	89.2		10	3.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-37941/2-A

Matrix: Water | Lab File ID: z10497.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/20/2010 17:02

Sample wt/vol: 1000(mL) | Date Analyzed: 05/21/2010 10:29

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	89.8		10	3.6
86-74-8	Carbazole	93.5		10	3.1
84-74-2	Di-n-butyl phthalate	93.9		10	2.8
206-44-0	Fluoranthene	94.4		10	2.6
129-00-0	Pyrene	85.3		10	4.3
85-68-7	Butyl benzyl phthalate	90.2		10	2.8
91-94-1	3,3'-Dichlorobenzidine	95.7		20	7.0
56-55-3	Benzo[a]anthracene	91.4		1.0	0.27
218-01-9	Chrysene	93.0		10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	89.5		10	2.4
117-84-0	Di-n-octyl phthalate	92.5		10	1.9
205-99-2	Benzo[b]fluoranthene	86.0		1.0	0.21
207-08-9	Benzo[k]fluoranthene	93.1		1.0	0.30
50-32-8	Benzo[a]pyrene	84.1		1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	89.1		1.0	0.12
53-70-3	Dibenz(a,h)anthracene	89.0		1.0	0.16
191-24-2	Benzo[g,h,i]perylene	88.7		10	2.7

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	96	50-119	
321-60-8	2-Fluorobiphenyl	83	61-112	
367-12-4	2-Fluorophenol (Surr)	38	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	86	61-120	
4165-62-2	Phenol-d5 (Surr)	24	9-48	
1718-51-0	Terphenyl-d14 (Surr)	87	41-124	

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10497.d
Report Date: 21-May-2010 11:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10497.d
Lab Smp Id: LCS 460-37941/2-A
Inj Date : 21-MAY-2010 10:29
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : LCS 460-37941/2-A
Misc Info : LCS 460-37941/2-A
Comment :
Method : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/8270Cdel_08.m
Meth Date : 21-May-2010 11:00 croccom Quant Type: ISTD
Cal Date : 21-MAY-2010 09:28 Cal File: z10495.d
Als bottle: 4 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	106 1,4-Dioxane	88	1.808	1.790	(0.403)	178059	14.2784	28
	19 N-Nitrosodimethylamine	74	2.037	2.025	(0.454)	254719	14.4864	29(R)
	71 Pyridine	79	2.078	2.060	(0.463)	247299	8.02649	16
$	16 2-Fluorophenol (SUR)	112	3.202	3.202	(0.713)	509552	18.9697	38
	110 Benzaldehyde	77	4.049	4.049	(0.902)	934911	90.5188	180(R)
$	17 Phenol-d5 (SUR)	99	4.107	4.125	(0.915)	360279	11.8405	24
	1 Phenol	94	4.125	4.137	(0.919)	404208	12.3935	25
	73 Aniline	93	4.154	4.160	(0.925)	576083	14.0500	28
	20 bis(2-Chloroethyl)ether	93	4.213	4.225	(0.938)	1117520	41.9753	84
	2 2-Chlorophenol	128	4.278	4.284	(0.953)	997984	37.6032	75
	21 1,3-Dichlorobenzene	146	4.437	4.437	(0.988)	1132498	34.3596	69
*	79 1,4-Dichlorobenzene-d4	152	4.490	4.490	(1.000)	786880	40.0000	
	22 1,4-Dichlorobenzene	146	4.507	4.507	(1.004)	1143721	34.9014	70
	74 Benzyl Alcohol	108	4.619	4.631	(1.029)	401544	23.7053	47
	23 1,2-Dichlorobenzene	146	4.660	4.660	(1.038)	1112127	36.0743	72

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10497.d
Report Date: 21-May-2010 11:57

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/L)
	3 2-Methylphenol	108	4.737	4.743	(1.055)	711006	31.6019	63
	24 bis (2-chloroisopropyl) ether	45	4.760	4.760	(1.060)	2156519	42.7951	86
	4 4-Methylphenol	108	4.890	4.901	(1.089)	600871	26.1378	52
	121 3 & 4 Methylphenol	108	4.890	4.901	(1.089)	600871	26.1378	52
	104 Acetophenone	105	4.890	4.901	(1.089)	1488845	45.5942	91
	25 N-Nitroso-di-n-propylamine	70	4.896	4.907	(1.090)	765571	44.1200	88
	26 Hexachloroethane	117	5.001	5.007	(1.114)	370846	30.5324	61
$	76 Nitrobenzene-d5 (SUR)	82	5.048	5.048	(0.875)	1203672	42.8719	86
	107 N,N-Dimethylaniline	120	5.072	5.078	(1.130)	836519	22.1060	44
	27 Nitrobenzene	77	5.066	5.072	(0.878)	1424563	37.2889	74
	28 Isophorone	82	5.307	5.313	(0.919)	1988162	43.3396	87
	5 2-Nitrophenol	139	5.384	5.390	(0.933)	591674	41.9801	84
	6 2,4-Dimethylphenol	122	5.431	5.431	(0.941)	834776	40.0004	80
	29 bis(2-Chloroethoxy)methane	93	5.519	5.525	(0.956)	1190277	43.6925	87
	7 2,4-Dichlorophenol	162	5.631	5.631	(0.976)	817330	43.2174	86
	30 1,2,4-Trichlorobenzene	180	5.713	5.719	(0.990)	788676	36.2208	72
*	80 Naphthalene-d8	136	5.772	5.772	(1.000)	2789278	40.0000	
	31 Naphthalene	128	5.796	5.795	(1.004)	2899489	39.9880	80
	32 4-Chloroaniline	127	5.843	5.848	(1.012)	587982	22.3511	45
	33 Hexachlorobutadiene	225	5.925	5.925	(1.026)	349524	29.8383	60
	111 Caprolactam	113	6.195	6.225	(1.073)	24814	4.62657	9.2(a)
	8 4-Chloro-3-methylphenol	107	6.331	6.337	(1.097)	759216	41.4794	83
	34 2-Methylnaphthalene	142	6.484	6.490	(1.123)	1837629	41.5645	83
	120 1-Methylnaphthalene	142	6.584	6.590	(1.141)	18418	0.42343	0.85(a)
	35 Hexachlorocyclopentadiene	237	6.654	6.654	(0.884)	340605	29.8049	60
	9 2,4,6-Trichlorophenol	196	6.766	6.772	(0.899)	493370	45.3371	91
	10 2,4,5-Trichlorophenol	196	6.801	6.813	(0.904)	503913	45.6694	91
$	77 2-Fluorobiphenyl (SUR)	172	6.854	6.854	(0.911)	1845100	41.3778	83
	102 Diphenyl	154	6.954	6.954	(0.924)	2214898	44.0319	88
	36 2-Chloronaphthalene	162	6.972	6.978	(0.927)	1578914	41.4062	83
	103 Diphenyl Ether	170	7.054	7.060	(0.937)	1111401	42.3113	85
	37 2-Nitroaniline	65	7.072	7.072	(0.940)	619030	44.8116	90
	38 Dimethylphthalate	163	7.254	7.254	(0.964)	1686759	46.2079	92
	40 2,6-Dinitrotoluene	165	7.313	7.313	(0.972)	379618	46.2123	92
	39 Acenaphthylene	152	7.384	7.389	(0.981)	2602907	43.6052	87
	41 3-Nitroaniline	138	7.478	7.484	(0.994)	278301	31.6504	63
*	82 Acenaphthene-d10	164	7.525	7.531	(1.000)	1230620	40.0000	
	42 Acenaphthene	154	7.560	7.560	(1.005)	1502044	44.0422	88
	11 2,4-Dinitrophenol	184	7.578	7.584	(1.007)	59203	17.8450	36(R)
	12 4-Nitrophenol	65	7.637	7.642	(1.015)	66042	12.6860	25(a)
	44 2,4-Dinitrotoluene	165	7.707	7.713	(1.024)	443746	46.4278	93
	43 Dibenzofuran	168	7.731	7.731	(1.027)	2093276	44.0131	88
	45 Diethylphthalate	149	7.948	7.954	(1.056)	1592750	46.8212	94
	46 4-Chlorophenyl-phenylether	204	8.066	8.066	(1.072)	683069	44.3922	89
	47 Fluorene	166	8.066	8.072	(1.072)	1566578	45.1056	90
	48 4-Nitroaniline	138	8.084	8.089	(1.074)	304470	44.4280	89
	13 4,6-Dinitro-2-methylphenol	198	8.113	8.119	(0.902)	177766	41.2356	82

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10497.d
Report Date: 21-May-2010 11:57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	49 N-Nitrosodiphenylamine	169	8.184	8.184	(0.910)	1078597	48.0257	96
	75 1,2-Diphenylhydrazine	77	8.219	8.225	(0.914)	1935813	42.9697	86
$	18 2,4,6-Tribromophenol (SUR)	330	8.307	8.307	(1.104)	178777	48.2331	96
	50 4-Bromophenyl-phenylether	248	8.548	8.548	(0.950)	349234	43.4561	87
	51 Hexachlorobenzene	284	8.619	8.625	(0.958)	339578	42.9912	86
	112 Atrazine	200	8.707	8.707	(0.968)	283563	44.0904	88
	14 Pentachlorophenol	266	8.807	8.807	(0.979)	178600	42.2334	84
*	83 Phenanthrene-d10	188	8.995	8.995	(1.000)	1365992	40.0000	
	52 Phenanthrene	178	9.019	9.019	(1.003)	1769919	44.6107	89
	53 Anthracene	178	9.066	9.072	(1.008)	1779063	44.9141	90
	54 Carbazole	167	9.219	9.225	(1.025)	1455911	46.7413	93
	55 Di-n-butylphthalate	149	9.560	9.560	(1.063)	1919166	46.9693	94
	56 Fluoranthene	202	10.189	10.195	(1.133)	1335541	47.1824	94
	58 Benzidine	184	10.313	10.319	(1.146)	69834	34.9220	70(R)
	57 Pyrene	202	10.425	10.425	(0.883)	1286247	42.6676	85
$	78 Terphenyl-d14	244	10.578	10.578	(0.896)	796913	43.6092	87
	59 Butylbenzylphthalate	149	11.107	11.113	(0.941)	567932	45.1081	90
	60 3,3'-Dichlorobenzidine	252	11.748	11.754	(0.996)	223901	47.8515	96
	61 Benzo(a)anthracene	228	11.789	11.789	(0.999)	799975	45.7215	91
*	81 Chrysene-d12	240	11.801	11.801	(1.000)	638392	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.819	11.819	(1.001)	730778	44.7482	89
	62 Chrysene	228	11.836	11.836	(1.003)	764453	46.4889	93
	64 Di-n-octylphthalate	149	12.689	12.695	(0.922)	962280	46.2587	92
	65 Benzo(b)fluoranthene	252	13.224	13.224	(0.961)	553697	42.9960	86
	66 Benzo(k)fluoranthene	252	13.266	13.266	(0.964)	643918	46.5426	93
	67 Benzo(a)pyrene	252	13.677	13.677	(0.994)	450650	42.0548	84
*	84 Perylene-d12	264	13.760	13.760	(1.000)	432132	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	15.342	15.342	(1.115)	374734	44.5574	89
	69 Dibenz(a,h)anthracene	278	15.377	15.377	(1.118)	387657	44.5126	89
	70 Benzo(g,h,i)perylene	276	15.789	15.789	(1.147)	398550	44.3703	89

QC Flag Legend

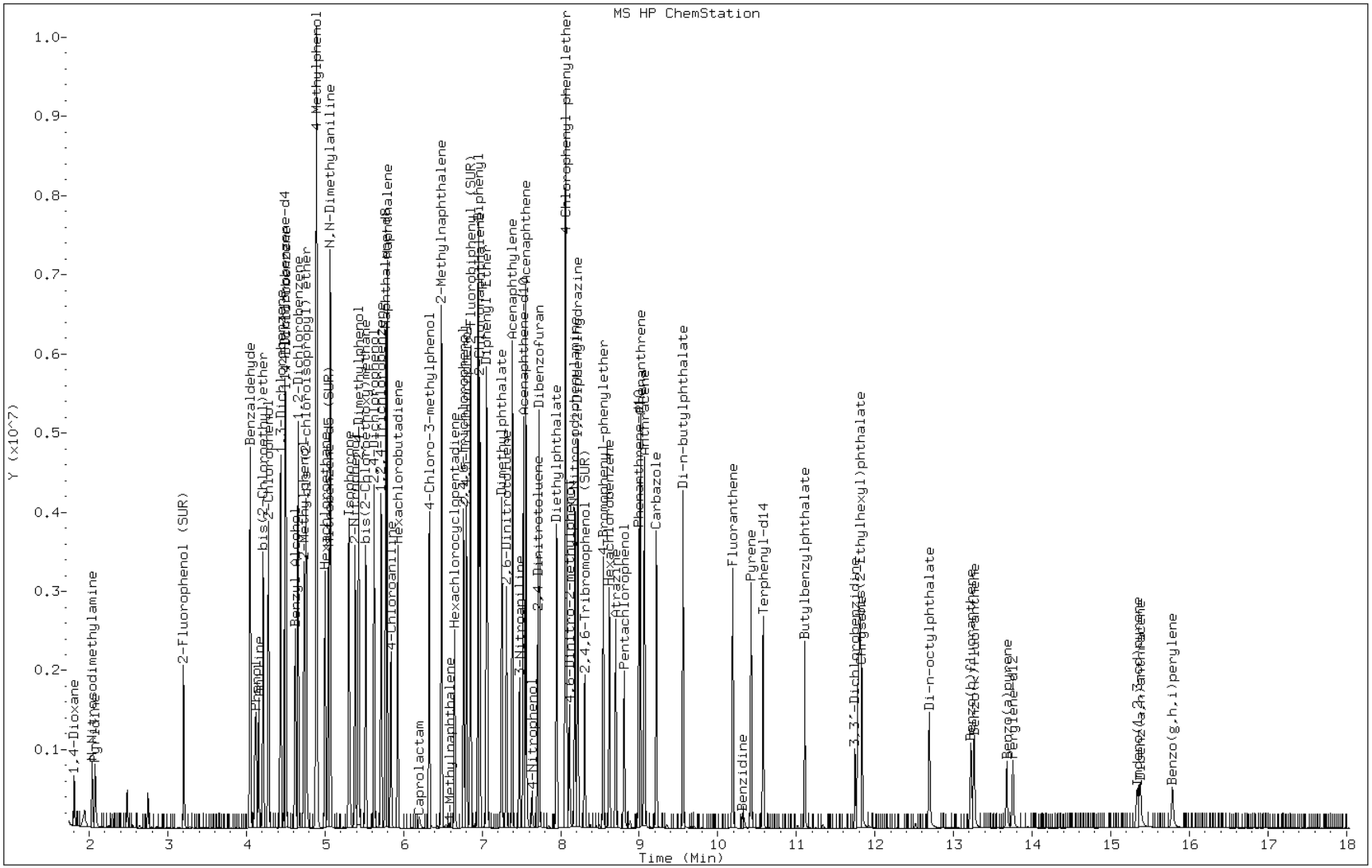
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: z10497.d

Date: 21-MAY-2010 10:29

Client ID: Instrument: BNAMS11.i

Sample Info: LCS 460-37941/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-02 | Lab Sample ID: 460-13279-2 MS

Matrix: Water | Lab File ID: z10499.d

Analysis Method: 8270C | Date Collected: 05/18/2010 09:30

Extract. Method: 3510C | Date Extracted: 05/20/2010 17:02

Sample wt/vol: 970(mL) | Date Analyzed: 05/21/2010 11:22

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	177		10	1.4
111-44-4	Bis(2-chloroethyl)ether	86.3		1.0	0.42
108-60-1	2,2'-oxybis[1-chloropropane]	89.3		10	3.3
98-86-2	Acetophenone	95.0		10	4.4
621-64-7	N-Nitrosodi-n-propylamine	92.1		1.0	0.33
67-72-1	Hexachloroethane	71.1		1.0	0.52
98-95-3	Nitrobenzene	80.9		1.0	0.42
78-59-1	Isophorone	89.1		10	3.7
111-91-1	Bis(2-chloroethoxy)methane	91.6		10	3.6
91-20-3	Naphthalene	199		10	3.8
106-47-8	4-Chloroaniline	51.3		10	2.2
87-68-3	Hexachlorobutadiene	69.3		2.1	0.97
105-60-2	Caprolactam	10.2		10	0.52
91-57-6	2-Methylnaphthalene	91.6		10	3.2
77-47-4	Hexachlorocyclopentadiene	62.4		10	4.7
92-52-4	1,1'-Biphenyl	94.4		10	5.6
91-58-7	2-Chloronaphthalene	89.1		10	3.9
88-74-4	2-Nitroaniline	92.9		21	5.9
131-11-3	Dimethyl phthalate	94.9		10	3.4
606-20-2	2,6-Dinitrotoluene	96.7		2.1	0.61
208-96-8	Acenaphthylene	88.9		10	4.2
99-09-2	3-Nitroaniline	56.4		21	4.5
83-32-9	Acenaphthene	98.9		10	3.9
132-64-9	Dibenzofuran	91.5		10	3.7
121-14-2	2,4-Dinitrotoluene	95.6		2.1	0.44
84-66-2	Diethyl phthalate	94.0		10	3.9
86-73-7	Fluorene	93.7		10	3.4
7005-72-3	4-Chlorophenyl phenyl ether	93.4		10	4.0
100-01-6	4-Nitroaniline	81.8		21	4.1
86-30-6	N-Nitrosodiphenylamine	101		10	4.0
101-55-3	4-Bromophenyl phenyl ether	90.7		10	4.0
118-74-1	Hexachlorobenzene	94.3		1.0	0.28
1912-24-9	Atrazine	74.9		10	4.9
85-01-8	Phenanthrene	92.8		10	3.7

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-02 | Lab Sample ID: 460-13279-2 MS

Matrix: Water | Lab File ID: z10499.d

Analysis Method: 8270C | Date Collected: 05/18/2010 09:30

Extract. Method: 3510C | Date Extracted: 05/20/2010 17:02

Sample wt/vol: 970(mL) | Date Analyzed: 05/21/2010 11:22

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	94.7		10	3.7
86-74-8	Carbazole	95.7		10	3.2
84-74-2	Di-n-butyl phthalate	95.4		10	2.9
206-44-0	Fluoranthene	100		10	2.7
129-00-0	Pyrene	89.8		10	4.4
85-68-7	Butyl benzyl phthalate	90.4		10	2.9
91-94-1	3,3'-Dichlorobenzidine	85.3		21	7.2
56-55-3	Benzo[a]anthracene	94.7		1.0	0.28
218-01-9	Chrysene	96.2		10	3.9
117-81-7	Bis(2-ethylhexyl) phthalate	90.9		10	2.5
117-84-0	Di-n-octyl phthalate	90.2		10	2.0
205-99-2	Benzo[b]fluoranthene	86.8		1.0	0.22
207-08-9	Benzo[k]fluoranthene	93.1		1.0	0.31
50-32-8	Benzo[a]pyrene	87.0		1.0	0.19
193-39-5	Indeno[1,2,3-cd]pyrene	96.9		1.0	0.12
53-70-3	Dibenz(a,h)anthracene	95.7		1.0	0.16
191-24-2	Benzo[g,h,i]perylene	94.3		10	2.8

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	100	50-119	
321-60-8	2-Fluorobiphenyl	87	61-112	
367-12-4	2-Fluorophenol (Surr)	37	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	86	61-120	
4165-62-2	Phenol-d5 (Surr)	22	9-48	
1718-51-0	Terphenyl-d14 (Surr)	87	41-124	

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10499.d
Report Date: 22-May-2010 01:33

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10499.d
Lab Smp Id: 460-13279-E-2-A MS Client Smp ID: GW-017338-051810-AC
Inj Date : 21-MAY-2010 11:22
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-13279-E-2-A MS
Misc Info : 460-13279-E-2-A MS
Comment   :
Method   : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/8270Cdel_08.m
Meth Date : 21-May-2010 11:00 croccom Quant Type: ISTD
Cal Date : 21-MAY-2010 09:28 Cal File: z10495.d
Als bottle: 6 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allh20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	970.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
	106 1,4-Dioxane	88	1.813	1.790	(0.404)	177359	14.6013	30
	19 N-Nitrosodimethylamine	74	2.037	2.025	(0.454)	255013	14.8895	31(R)
	71 Pyridine	79	2.078	2.060	(0.463)	257438	8.57819	18
$	16 2-Fluorophenol (SUR)	112	3.202	3.202	(0.713)	489535	18.7101	38
	110 Benzaldehyde	77	4.049	4.049	(0.902)	864789	85.9605	180
$	17 Phenol-d5 (SUR)	99	4.107	4.125	(0.915)	330876	11.1639	23
	1 Phenol	94	4.125	4.137	(0.919)	371885	11.7063	24
	73 Aniline	93	4.154	4.160	(0.925)	625206	15.6543	32
	20 bis(2-Chloroethyl)ether	93	4.213	4.225	(0.938)	1085715	41.8673	86
	2 2-Chlorophenol	128	4.284	4.284	(0.954)	977879	37.8274	78
	21 1,3-Dichlorobenzene	146	4.437	4.437	(0.988)	1176643	36.6502	76
*	79 1,4-Dichlorobenzene-d4	152	4.490	4.490	(1.000)	766458	40.0000	
	22 1,4-Dichlorobenzene	146	4.507	4.507	(1.004)	1198323	37.5420	77
	74 Benzyl Alcohol	108	4.625	4.631	(1.030)	398388	24.1456	50
	23 1,2-Dichlorobenzene	146	4.660	4.660	(1.038)	1143114	38.0674	78

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10499.d
Report Date: 22-May-2010 01:33

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/L)
	3 2-Methylphenol	108	4.737	4.743	(1.055)	684226	31.2219	64
	24 bis (2-chloroisopropyl) ether	45	4.760	4.760	(1.060)	2124848	43.2901	89
	122 o-Toluidine	107	4.896	4.901	(1.090)	723498	15.0662	31
	4 4-Methylphenol	108	4.896	4.901	(1.090)	573232	25.5999	53
	121 3 & 4 Methylphenol	108	4.896	4.901	(1.090)	573232	25.5999	53
	104 Acetophenone	105	4.896	4.901	(1.090)	1464755	46.0517	95
	25 N-Nitroso-di-n-propylamine	70	4.896	4.907	(1.090)	754656	44.6498	92
	26 Hexachloroethane	117	5.001	5.007	(1.114)	408005	34.4868	71
$	76 Nitrobenzene-d5 (SUR)	82	5.048	5.048	(0.875)	1162729	43.2171	89
	107 N,N-Dimethylaniline	120	5.072	5.078	(1.130)	926965	25.1489	52
	27 Nitrobenzene	77	5.072	5.072	(0.879)	1436903	39.2498	81
	28 Isophorone	82	5.307	5.313	(0.919)	1899537	43.2109	89
	5 2-Nitrophenol	139	5.384	5.390	(0.933)	601292	44.5204	92
	6 2,4-Dimethylphenol	122	5.431	5.431	(0.941)	839151	41.9611	86
	29 bis(2-Chloroethoxy)methane	93	5.525	5.525	(0.957)	1160109	44.4396	92
	7 2,4-Dichlorophenol	162	5.631	5.631	(0.976)	804224	44.3763	91
	30 1,2,4-Trichlorobenzene	180	5.719	5.719	(0.991)	829626	39.7607	82
*	80 Naphthalene-d8	136	5.772	5.772	(1.000)	2672879	40.0000	
	31 Naphthalene	128	5.801	5.795	(1.005)	6693551	96.3334	200(R)
	32 4-Chloroaniline	127	5.843	5.848	(1.012)	627369	24.8869	51
	33 Hexachlorobutadiene	225	5.925	5.925	(1.026)	377084	33.5929	69
	111 Caprolactam	113	6.207	6.225	(1.075)	25414	4.94479	10(a)
	8 4-Chloro-3-methylphenol	107	6.331	6.337	(1.097)	715144	40.7731	84
	34 2-Methylnaphthalene	142	6.490	6.490	(1.124)	1881364	44.4069	92
	120 1-Methylnaphthalene	142	6.584	6.590	(1.141)	66265	1.58979	3.3(aH)
	35 Hexachlorocyclopentadiene	237	6.654	6.654	(0.884)	326892	30.2702	62
	9 2,4,6-Trichlorophenol	196	6.766	6.772	(0.899)	480679	46.7422	96
	10 2,4,5-Trichlorophenol	196	6.801	6.813	(0.904)	479002	45.9389	95
$	77 2-Fluorobiphenyl (SUR)	172	6.854	6.854	(0.911)	1841950	43.7119	90
	102 Diphenyl	154	6.954	6.954	(0.924)	2176240	45.7819	94
	36 2-Chloronaphthalene	162	6.972	6.978	(0.927)	1556729	43.2009	89
	103 Diphenyl Ether	170	7.054	7.060	(0.937)	1095656	44.1402	91
	37 2-Nitroaniline	65	7.072	7.072	(0.940)	588284	45.0650	93
	38 Dimethylphthalate	163	7.254	7.254	(0.964)	1586887	46.0027	95
	114 Coumarin	146	7.342	7.284	(1.272)	7918	0.70695	1.4(a)
	40 2,6-Dinitrotoluene	165	7.313	7.313	(0.972)	364112	46.9050	97
	39 Acenaphthylene	152	7.384	7.389	(0.981)	2432948	43.1306	89
	41 3-Nitroaniline	138	7.478	7.484	(0.994)	227179	27.3405	56(R)
*	82 Acenaphthene-d10	164	7.525	7.531	(1.000)	1162921	40.0000	
	42 Acenaphthene	154	7.560	7.560	(1.005)	1546213	47.9766	99
	11 2,4-Dinitrophenol	184	7.578	7.584	(1.007)	165018	52.6355	110
	12 4-Nitrophenol	65	7.637	7.642	(1.015)	64277	13.0658	27(a)
	44 2,4-Dinitrotoluene	165	7.707	7.713	(1.024)	418805	46.3692	96
	43 Dibenzofuran	168	7.731	7.731	(1.027)	1995150	44.3920	92
	45 Diethylphthalate	149	7.948	7.954	(1.056)	1466100	45.6070	94
	46 4-Chlorophenyl-phenylether	204	8.066	8.066	(1.072)	658679	45.2991	93
	47 Fluorene	166	8.066	8.072	(1.072)	1492194	45.4650	94

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10499.d
Report Date: 22-May-2010 01:33

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/L)
	48 4-Nitroaniline	138	8.084	8.089	(1.074)	257040	39.6905	82
	13 4,6-Dinitro-2-methylphenol	198	8.113	8.119	(0.902)	206083	51.4381	110
	49 N-Nitrosodiphenylamine	169	8.178	8.184	(0.909)	1023608	49.0419	100
	75 1,2-Diphenylhydrazine	77	8.219	8.225	(0.914)	1854274	44.2886	91
$	18 2,4,6-Tribromophenol (SUR)	330	8.307	8.307	(1.104)	175565	50.1240	100
	50 4-Bromophenyl-phenylether	248	8.548	8.548	(0.950)	328449	43.9766	91
	51 Hexachlorobenzene	284	8.619	8.625	(0.958)	335758	45.7389	94
	112 Atrazine	200	8.707	8.707	(0.968)	217065	36.3164	75
	14 Pentachlorophenol	266	8.807	8.807	(0.979)	209086	53.2009	110
*	83 Phenanthrene-d10	188	8.995	8.995	(1.000)	1269490	40.0000	
	52 Phenanthrene	178	9.019	9.019	(1.003)	1658787	44.9878	93
	53 Anthracene	178	9.066	9.072	(1.008)	1690936	45.9343	95
	54 Carbazole	167	9.219	9.225	(1.025)	1343015	46.3944	96
	55 Di-n-butylphthalate	149	9.560	9.560	(1.063)	1756635	46.2596	95
	56 Fluoranthene	202	10.189	10.195	(1.133)	1278256	48.5914	100
	58 Benzidine	184	10.319	10.319	(1.147)	12421	6.68356	14(a)
	57 Pyrene	202	10.425	10.425	(0.883)	1250859	43.5594	90
$	78 Terphenyl-d14	244	10.578	10.578	(0.896)	755419	43.3965	89
	59 Butylbenzylphthalate	149	11.107	11.113	(0.941)	525664	43.8294	90
	60 3,3'-Dichlorobenzidine	252	11.754	11.754	(0.996)	184495	41.3926	85
	61 Benzo(a)anthracene	228	11.789	11.789	(0.999)	765779	45.9459	95
*	81 Chrysene-d12	240	11.801	11.801	(1.000)	608119	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.813	11.819	(1.001)	685456	44.0624	91
	62 Chrysene	228	11.836	11.836	(1.003)	731187	46.6794	96
	64 Di-n-octylphthalate	149	12.689	12.695	(0.922)	928854	43.7473	90
	65 Benzo(b)fluoranthene	252	13.224	13.224	(0.961)	553426	42.1044	87
	66 Benzo(k)fluoranthene	252	13.266	13.266	(0.964)	637723	45.1611	93
	67 Benzo(a)pyrene	252	13.677	13.677	(0.994)	461596	42.2036	87
*	84 Perylene-d12	264	13.760	13.760	(1.000)	441067	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	15.342	15.342	(1.115)	403607	47.0183	97
	69 Dibenz(a,h)anthracene	278	15.377	15.377	(1.118)	412660	46.4236	96
	70 Benzo(g,h,i)perylene	276	15.789	15.789	(1.147)	419301	45.7349	94

QC Flag Legend

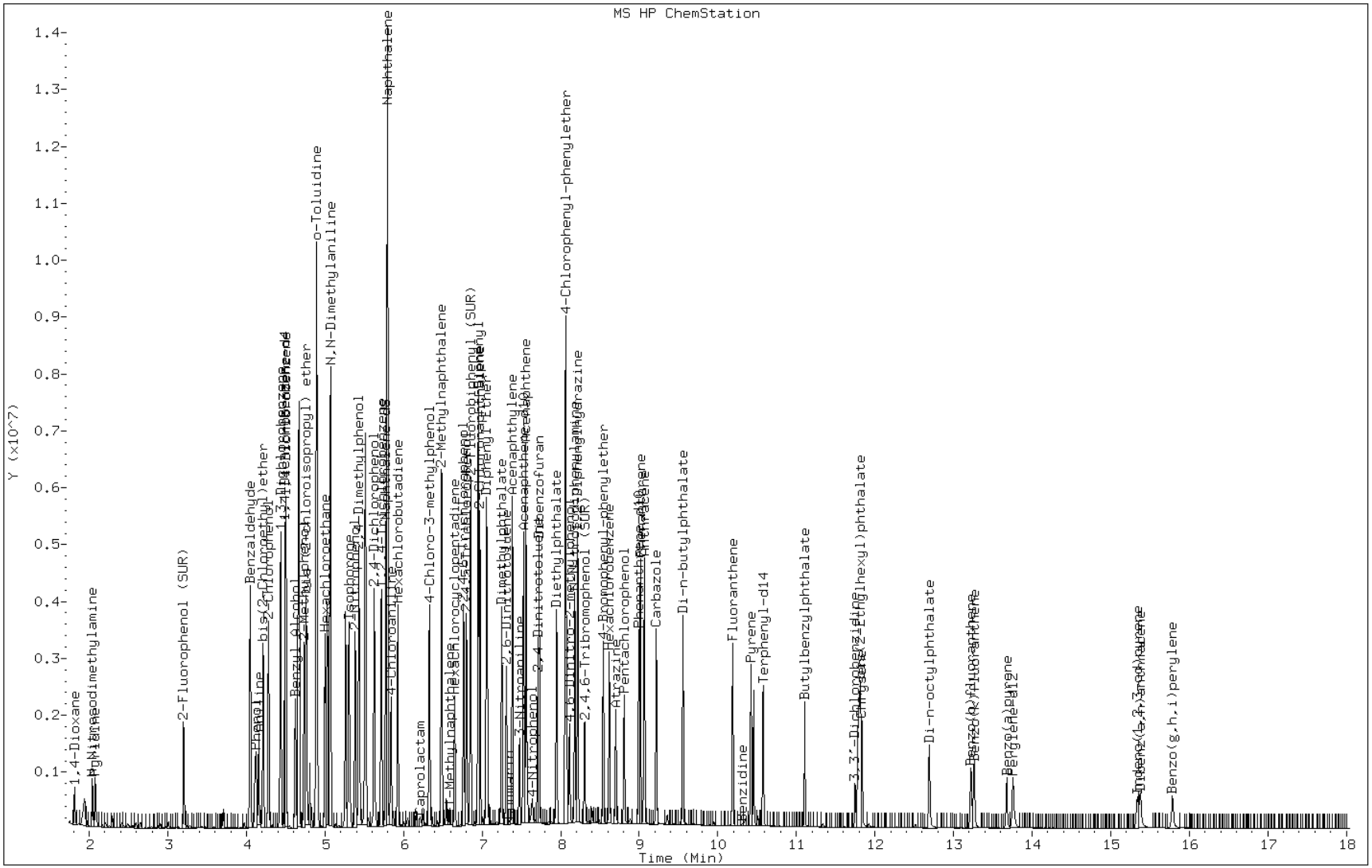
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: z10499.d

Date: 21-MAY-2010 11:22

Client ID: GW-017338-051810-AC Instrument: BNAMS11.i

Sample Info: 460-13279-E-2-A MS Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-02 | Lab Sample ID: 460-13279-2 MSD

Matrix: Water | Lab File ID: z10500.d

Analysis Method: 8270C | Date Collected: 05/18/2010 09:30

Extract. Method: 3510C | Date Extracted: 05/20/2010 17:02

Sample wt/vol: 990(mL) | Date Analyzed: 05/21/2010 11:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	146		10	1.4
111-44-4	Bis(2-chloroethyl)ether	75.5		1.0	0.41
108-60-1	2,2'-oxybis[1-chloropropane]	79.6		10	3.2
98-86-2	Acetophenone	83.8		10	4.3
621-64-7	N-Nitrosodi-n-propylamine	82.2		1.0	0.32
67-72-1	Hexachloroethane	64.6		1.0	0.51
98-95-3	Nitrobenzene	70.5		1.0	0.41
78-59-1	Isophorone	78.6		10	3.6
111-91-1	Bis(2-chloroethoxy)methane	79.7		10	3.5
91-20-3	Naphthalene	180		10	3.7
106-47-8	4-Chloroaniline	43.6		10	2.1
87-68-3	Hexachlorobutadiene	61.4		2.0	0.95
105-60-2	Caprolactam	8.74	J	10	0.51
91-57-6	2-Methylnaphthalene	80.3		10	3.1
77-47-4	Hexachlorocyclopentadiene	52.4		10	4.6
92-52-4	1,1'-Biphenyl	82.8		10	5.5
91-58-7	2-Chloronaphthalene	76.9		10	3.8
88-74-4	2-Nitroaniline	79.7		20	5.8
131-11-3	Dimethyl phthalate	82.4		10	3.3
606-20-2	2,6-Dinitrotoluene	83.4		2.0	0.60
208-96-8	Acenaphthylene	74.9		10	4.1
99-09-2	3-Nitroaniline	47.1		20	4.4
83-32-9	Acenaphthene	84.5		10	3.8
132-64-9	Dibenzofuran	79.5		10	3.6
121-14-2	2,4-Dinitrotoluene	84.1		2.0	0.43
84-66-2	Diethyl phthalate	82.4		10	3.9
86-73-7	Fluorene	82.5		10	3.3
7005-72-3	4-Chlorophenyl phenyl ether	80.5		10	4.0
100-01-6	4-Nitroaniline	71.9		20	4.0
86-30-6	N-Nitrosodiphenylamine	89.7		10	3.9
101-55-3	4-Bromophenyl phenyl ether	80.6		10	4.0
118-74-1	Hexachlorobenzene	82.5		1.0	0.27
1912-24-9	Atrazine	66.7		10	4.8
85-01-8	Phenanthrene	82.0		10	3.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-02 | Lab Sample ID: 460-13279-2 MSD

Matrix: Water | Lab File ID: z10500.d

Analysis Method: 8270C | Date Collected: 05/18/2010 09:30

Extract. Method: 3510C | Date Extracted: 05/20/2010 17:02

Sample wt/vol: 990(mL) | Date Analyzed: 05/21/2010 11:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38150 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	83.1		10	3.6
86-74-8	Carbazole	83.5		10	3.1
84-74-2	Di-n-butyl phthalate	83.6		10	2.8
206-44-0	Fluoranthene	85.4		10	2.7
129-00-0	Pyrene	80.6		10	4.3
85-68-7	Butyl benzyl phthalate	79.7		10	2.8
91-94-1	3,3'-Dichlorobenzidine	76.9		20	7.0
56-55-3	Benzo[a]anthracene	85.2		1.0	0.27
218-01-9	Chrysene	87.2		10	3.8
117-81-7	Bis(2-ethylhexyl) phthalate	83.5		10	2.4
117-84-0	Di-n-octyl phthalate	79.8		10	1.9
205-99-2	Benzo[b]fluoranthene	77.4		1.0	0.21
207-08-9	Benzo[k]fluoranthene	84.6		1.0	0.30
50-32-8	Benzo[a]pyrene	77.6		1.0	0.18
193-39-5	Indeno[1,2,3-cd]pyrene	81.9		1.0	0.12
53-70-3	Dibenz(a,h)anthracene	85.4		1.0	0.16
191-24-2	Benzo[g,h,i]perylene	84.2		10	2.7

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol (Surr)	89	50-119	
321-60-8	2-Fluorobiphenyl	78	61-112	
367-12-4	2-Fluorophenol (Surr)	32	14-68	
4165-60-0	Nitrobenzene-d5 (Surr)	77	61-120	
4165-62-2	Phenol-d5 (Surr)	19	9-48	
1718-51-0	Terphenyl-d14 (Surr)	82	41-124	

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10500.d
Report Date: 22-May-2010 01:35

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10500.d
Lab Smp Id: 460-13279-D-2-F MSD Client Smp ID: GW-017338-051810-AC
Inj Date : 21-MAY-2010 11:47
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-13279-D-2-F MSD
Misc Info : 460-13279-D-2-F MSD
Comment   :
Method   : /chem/BNAMS11.i/8270/05-19-10del/21may10.b/8270Cdel_08.m
Meth Date : 21-May-2010 11:00 croccom Quant Type: ISTD
Cal Date : 21-MAY-2010 09:28 Cal File: z10495.d
Als bottle: 7 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allh20.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
	106 1,4-Dioxane	88	1.819	1.790	(0.405)	143423	12.4690	25
	19 N-Nitrosodimethylamine	74	2.043	2.025	(0.455)	198658	12.2490	25(R)
	71 Pyridine	79	2.084	2.060	(0.464)	202863	7.13839	14
$	16 2-Fluorophenol (SUR)	112	3.207	3.202	(0.714)	393406	15.8784	32
	110 Benzaldehyde	77	4.049	4.049	(0.902)	688660	72.2883	150
$	17 Phenol-d5 (SUR)	99	4.107	4.125	(0.915)	264042	9.40801	19
	1 Phenol	94	4.119	4.137	(0.917)	292183	9.71268	20
	73 Aniline	93	4.154	4.160	(0.925)	500196	13.2259	27
	20 bis(2-Chloroethyl)ether	93	4.213	4.225	(0.938)	917615	37.3675	75
	2 2-Chlorophenol	128	4.278	4.284	(0.953)	803822	32.8364	66
	21 1,3-Dichlorobenzene	146	4.437	4.437	(0.988)	1039475	34.1916	69
*	79 1,4-Dichlorobenzene-d4	152	4.490	4.490	(1.000)	725795	40.0000	
	22 1,4-Dichlorobenzene	146	4.507	4.507	(1.004)	1042155	34.4786	70
	74 Benzyl Alcohol	108	4.619	4.631	(1.029)	312105	19.9759	40(R)
	23 1,2-Dichlorobenzene	146	4.660	4.660	(1.038)	995944	35.0246	71

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10500.d
Report Date: 22-May-2010 01:35

			QUANT SIG					CONCENTRATIONS	
								ON-COLUMN	FINAL
	Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/L)
	==========		====	==	======	======	========	=======	=======
	3	2-Methylphenol	108	4.737	4.743	(1.055)	557640	26.8713	54
	24	bis (2-chloroisopropyl) ether	45	4.760	4.760	(1.060)	1831798	39.4106	80
	122	o-Toluidine	107	4.890	4.901	(1.089)	590553	12.9867	26
	4	4-Methylphenol	108	4.890	4.901	(1.089)	470131	22.1718	45
	121	3 & 4 Methylphenol	108	4.890	4.901	(1.089)	470131	22.1718	45
	104	Acetophenone	105	4.890	4.901	(1.089)	1249769	41.4939	84
	25	N-Nitroso-di-n-propylamine	70	4.896	4.907	(1.090)	650962	40.6725	82
	26	Hexachloroethane	117	5.001	5.007	(1.114)	358203	31.9735	64
$	76	Nitrobenzene-d5 (SUR)	82	5.049	5.048	(0.875)	1001120	38.6582	78
	107	N,N-Dimethylaniline	120	5.072	5.078	(1.130)	798972	22.8908	46
	27	Nitrobenzene	77	5.066	5.072	(0.878)	1229239	34.8839	70
	28	Isophorone	82	5.307	5.313	(0.919)	1646515	38.9126	79
	5	2-Nitrophenol	139	5.384	5.390	(0.933)	515733	39.6714	80
	6	2,4-Dimethylphenol	122	5.431	5.431	(0.941)	696584	36.1875	73
	29	bis(2-Chloroethoxy)methane	93	5.519	5.525	(0.956)	991519	39.4595	80
	7	2,4-Dichlorophenol	162	5.631	5.631	(0.976)	684437	39.2361	79
	30	1,2,4-Trichlorobenzene	180	5.719	5.719	(0.991)	708925	35.2981	71
*	80	Naphthalene-d8	136	5.772	5.772	(1.000)	2572769	40.0000	
	31	Naphthalene	128	5.796	5.795	(1.004)	5974987	89.3380	180(R)
	32	4-Chloroaniline	127	5.843	5.848	(1.012)	523840	21.5886	44
	33	Hexachlorobutadiene	225	5.925	5.925	(1.026)	328272	30.3824	61
	111	Caprolactam	113	6.201	6.225	(1.074)	21411	4.32803	8.7(a)
	8	4-Chloro-3-methylphenol	107	6.331	6.337	(1.097)	599424	35.5052	72
	34	2-Methylnaphthalene	142	6.484	6.490	(1.123)	1621672	39.7667	80
	120	1-Methylnaphthalene	142	6.584	6.590	(1.141)	56766	1.41489	2.8(a)
	35	Hexachlorocyclopentadiene	237	6.648	6.654	(0.884)	275937	25.9597	52
	9	2,4,6-Trichlorophenol	196	6.766	6.772	(0.899)	417081	41.2054	83
	10	2,4,5-Trichlorophenol	196	6.801	6.813	(0.904)	420437	40.9659	83
$	77	2-Fluorobiphenyl (SUR)	172	6.854	6.854	(0.911)	1622055	39.1080	79
	102	Diphenyl	154	6.954	6.954	(0.924)	1917336	40.9793	83
	36	2-Chloronaphthalene	162	6.972	6.978	(0.927)	1350189	38.0674	77
	103	Diphenyl Ether	170	7.054	7.060	(0.937)	955368	39.1029	79
	37	2-Nitroaniline	65	7.072	7.072	(0.940)	506652	39.4313	80
	38	Dimethylphthalate	163	7.254	7.254	(0.964)	1385300	40.8000	82
	114	Coumarin	146	7.342	7.284	(1.272)	7686	0.71293	1.4(a)
	40	2,6-Dinitrotoluene	165	7.307	7.313	(0.971)	315577	41.3018	83
	39	Acenaphthylene	152	7.384	7.389	(0.981)	2057953	37.0653	75
	41	3-Nitroaniline	138	7.472	7.484	(0.993)	190807	23.3299	47(R)
*	82	Acenaphthene-d10	164	7.525	7.531	(1.000)	1144646	40.0000	
	42	Acenaphthene	154	7.560	7.560	(1.005)	1327281	41.8410	84
	11	2,4-Dinitrophenol	184	7.578	7.584	(1.007)	145116	47.0264	95
	12	4-Nitrophenol	65	7.637	7.642	(1.015)	54080	11.1685	22(a)
	44	2,4-Dinitrotoluene	165	7.707	7.713	(1.024)	370114	41.6325	84
	43	Dibenzofuran	168	7.731	7.731	(1.027)	1740790	39.3509	79
	45	Diethylphthalate	149	7.948	7.954	(1.056)	1290094	40.7726	82
	46	4-Chlorophenyl-phenylether	204	8.060	8.066	(1.071)	570204	39.8405	80
	47	Fluorene	166	8.066	8.072	(1.072)	1319920	40.8582	82

Data File: /chem/BNAMS11.i/8270/05-19-10del/21may10.b/z10500.d
Report Date: 22-May-2010 01:35

		QUANT SIG					CONCENTRATIONS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
	48 4-Nitroaniline	138	8.078	8.089	(1.073)	226890	35.5943	72
	13 4,6-Dinitro-2-methylphenol	198	8.113	8.119	(0.902)	180826	46.7600	94
	49 N-Nitrosodiphenylamine	169	8.178	8.184	(0.909)	894289	44.3897	90
	75 1,2-Diphenylhydrazine	77	8.219	8.225	(0.914)	1607452	39.7766	80
$	18 2,4,6-Tribromophenol (SUR)	330	8.307	8.307	(1.104)	153532	44.5334	90
	50 4-Bromophenyl-phenylether	248	8.548	8.548	(0.950)	287481	39.8780	80
	51 Hexachlorobenzene	284	8.619	8.625	(0.958)	289363	40.8388	82
	112 Atrazine	200	8.701	8.707	(0.967)	190497	33.0197	67
	14 Pentachlorophenol	266	8.807	8.807	(0.979)	182822	48.1940	97
*	83 Phenanthrene-d10	188	8.995	8.995	(1.000)	1225345	40.0000	
	52 Phenanthrene	178	9.019	9.019	(1.003)	1444733	40.5941	82
	53 Anthracene	178	9.066	9.072	(1.008)	1462441	41.1585	83
	54 Carbazole	167	9.219	9.225	(1.025)	1154727	41.3271	83
	55 Di-n-butylphthalate	149	9.560	9.560	(1.063)	1516635	41.3783	84
	56 Fluoranthene	202	10.189	10.195	(1.133)	1072877	42.2534	85
	58 Benzidine	184	10.313	10.319	(1.146)	8613	4.80149	9.7(a)
	57 Pyrene	202	10.419	10.425	(0.883)	1045765	39.8807	80
$	78 Terphenyl-d14	244	10.578	10.578	(0.896)	648270	40.7829	82
	59 Butylbenzylphthalate	149	11.107	11.113	(0.941)	431870	39.4335	80
	60 3,3'-Dichlorobenzidine	252	11.748	11.754	(0.996)	154944	38.0687	77
	61 Benzo(a)anthracene	228	11.789	11.789	(0.999)	641834	42.1717	85
*	81 Chrysene-d12	240	11.801	11.801	(1.000)	555307	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.813	11.819	(1.001)	587315	41.3443	84
	62 Chrysene	228	11.830	11.836	(1.002)	617079	43.1413	87
	64 Di-n-octylphthalate	149	12.689	12.695	(0.923)	773795	39.4763	80
	65 Benzo(b)fluoranthene	252	13.224	13.224	(0.962)	465075	38.3264	77
	66 Benzo(k)fluoranthene	252	13.260	13.266	(0.964)	546099	41.8899	85
	67 Benzo(a)pyrene	252	13.677	13.677	(0.994)	387887	38.4149	78
*	84 Perylene-d12	264	13.754	13.760	(1.000)	407191	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	15.342	15.342	(1.115)	321412	40.5580	82(M)
	69 Dibenz(a,h)anthracene	278	15.377	15.377	(1.118)	346867	42.2684	85
	70 Benzo(g,h,i)perylene	276	15.789	15.789	(1.148)	352567	41.6553	84

QC Flag Legend

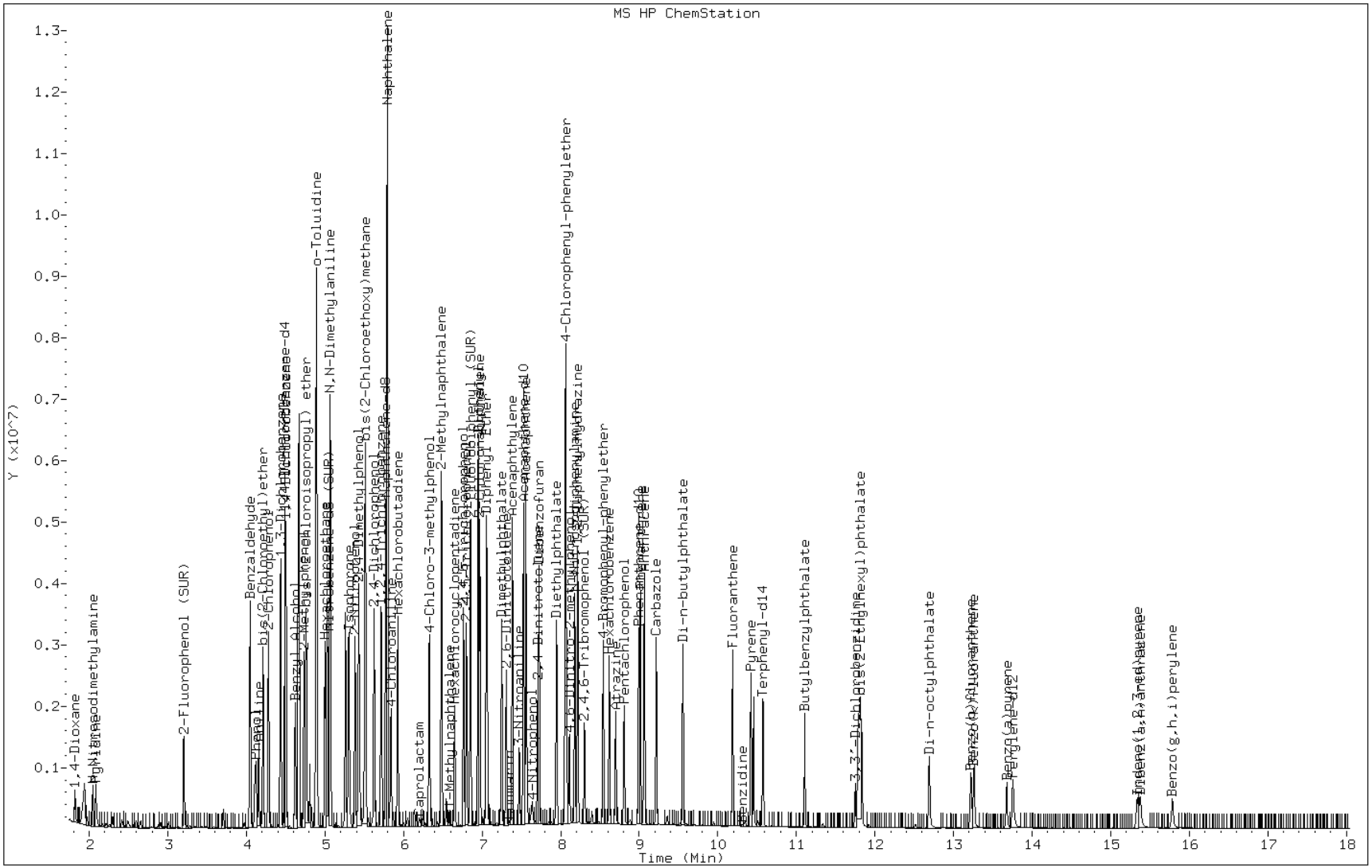
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: z10500.d

Date: 21-MAY-2010 11:47

Client ID: GW-017338-051810-AC Instrument: BNAMS11.i

Sample Info: 460-13279-D-2-F MSD Operator: BNAMS 4



Manual Integration Report

Data File: z10500.d
Inj. Date and Time: 21-MAY-2010 11:47
Instrument ID: BNAMS11.i
Client ID: GW-017338-051810-AC
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 05/24/2010

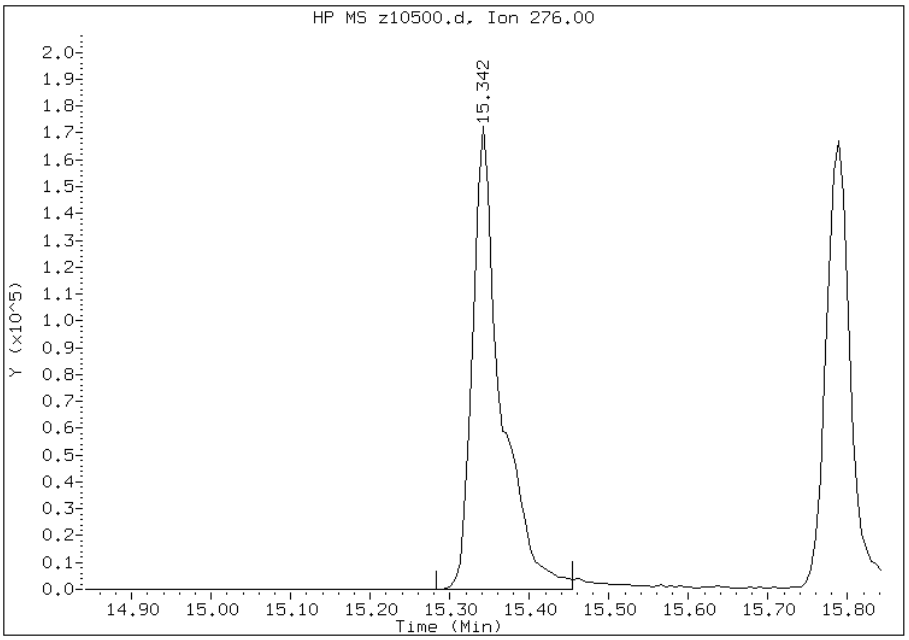
Processing Integration Results

RT: 15.34

Response: 424209

Amount: 54

Conc: 108



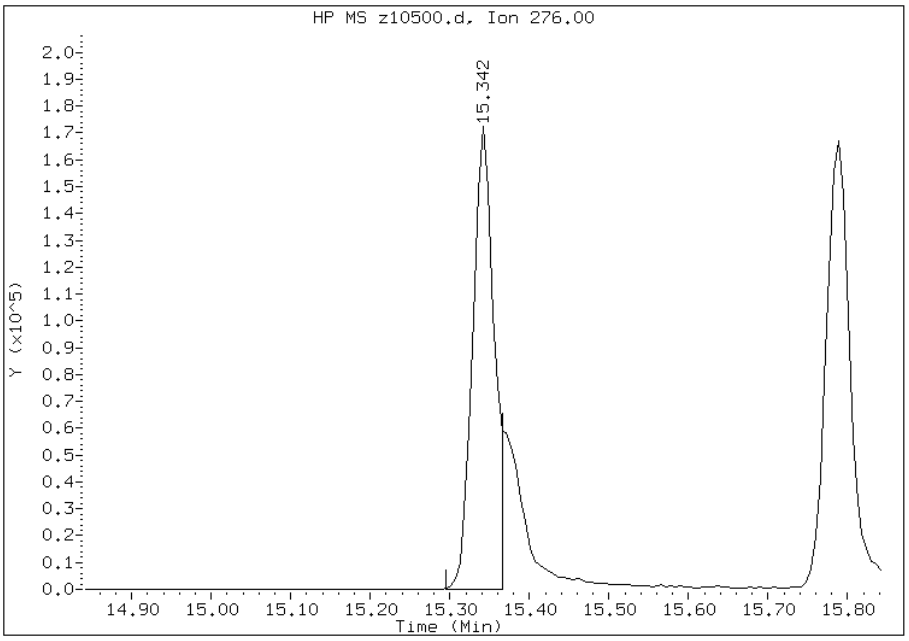
Manual Integration Results

RT: 15.34

Response: 321412

Amount: 41

Conc: 82



Manually Integrated By: wahied
Manual Integration Reason:

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 05/19/2010 10:19

Analysis Batch Number: 38067 End Date: 05/19/2010 18:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-38067/1		05/19/2010 10:19	1	z10412.d	Rtx-5MS 0.25(mm)
ICIS 460-38067/2		05/19/2010 10:37	1	z10413.d	Rtx-5MS 0.25(mm)
IC 460-38067/3		05/19/2010 11:10	1	z10414.d	Rtx-5MS 0.25(mm)
IC 460-38067/4		05/19/2010 11:35	1	z10415.d	Rtx-5MS 0.25(mm)
IC 460-38067/5		05/19/2010 11:59	1	z10416.d	Rtx-5MS 0.25(mm)
IC 460-38067/6		05/19/2010 12:49	1	z10418.d	Rtx-5MS 0.25(mm)
ZZZZZ		05/19/2010 16:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/19/2010 17:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/19/2010 17:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/19/2010 18:05	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 05/21/2010 09:10

Analysis Batch Number: 38150 End Date: 05/21/2010 13:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-38150/1		05/21/2010 09:10	1	z10494.d	Rtx-5MS 0.25(mm)
CCVIS 460-38150/2		05/21/2010 09:28	1	z10495.d	Rtx-5MS 0.25(mm)
MB 460-37941/1-A		05/21/2010 10:05	1	z10496.d	Rtx-5MS 0.25(mm)
LCS 460-37941/2-A		05/21/2010 10:29	1	z10497.d	Rtx-5MS 0.25(mm)
460-13279-2	GW-017338-051810-ACH-02	05/21/2010 10:58	1	z10498.d	Rtx-5MS 0.25(mm)
460-13279-2 MS	GW-017338-051810-ACH-02 MS	05/21/2010 11:22	1	z10499.d	Rtx-5MS 0.25(mm)
460-13279-2 MSD	GW-017338-051810-ACH-02 MSD	05/21/2010 11:47	1	z10500.d	Rtx-5MS 0.25(mm)
460-13279-1	EB-017338-051810-ACH-01	05/21/2010 12:12	1	z10501.d	Rtx-5MS 0.25(mm)
460-13279-3	GW-017338-051810-ACH-03	05/21/2010 12:37	1	z10502.d	Rtx-5MS 0.25(mm)
460-13279-4	GW-017338-051810-ACH-04	05/21/2010 13:01	1	z10503.d	Rtx-5MS 0.25(mm)
460-13279-5	GW-017338-051810-ACH-05	05/21/2010 13:26	1	z10504.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Instrument ID: BNAMS11 Start Date: 05/21/2010 13:51

Analysis Batch Number: 38152 End Date: 05/21/2010 13:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-38152/1		05/21/2010 13:51	1	z10505.d	Rtx-5MS 0.25(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/05-19-10del/19may10.b

Date Generated: 05/20/2010

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
												38067
05/19/10 1019	z10412.d	1	DFTPP-459998			0	0	1	2.0	all	42872	G
05/19/10 1037	z10413.d	2	ICIS-424486			1000	2	1	1.0	all	4456	G
05/19/10 1110	z10414.d	3	IC-424483			1000	2	1	1.0	all	4456	G
05/19/10 1135	z10415.d	4	IC-424488			1000	2	1	1.0	all	4456	G
05/19/10 1159	z10416.d	5	IC-424485			1000	2	1	1.0	all	4456	G
05/19/10 1249	z10418.d	7	IC-424489			1000	2	1	1.0	all	4456	G
05/19/10 1651	z10427.d	16	MB 460-37670/1-A	19may10		1000	2	1	1.0	allh20		G
05/19/10 1716	z10428.d	17	LCS 460-37670/2-A	19may10		1000	2	1	1.0	allh20		G
05/19/10 1741	z10429.d	18	LCSD 460-37670/3-A	19may10		1000	2	1	1.0	all		G
05/19/10 1805	z10430.d	19	460-13208-D-12-A	460-37670	05/18/10	880	2	1	1.0	all		G
05/19/10 1830	z10431.d	20	CCV-424486	19may10		1000	2	1	1.0	all		G

Signed: _____ Read and Understood by: _____

Date: 5/19/10 Date: 05-24-10

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

38150

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/05-19-10del/21may10.b

Date Generated: 05/22/2010

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
05/21/10 0910	z10494.d	1	DFTPP-459998			0	0	1	2.0	all	4472	G
05/21/10 0928	z10495.d	2	CCVIS-424486			1000	2	1	1.0	all	4456	G
05/21/10 1005	z10496.d	3	MB 460-37941/1-A	460-37941		1000	2	1	1.0	all		G
05/21/10 1029	z10497.d	4	LCS 460-37941/2-A	460-37941		1000	2	1	1.0	all		G
05/21/10 1058	z10498.d	5	460-13279-E-2-B	460-37941	05/20/10	990	2	1	1.0	allh20		G
05/21/10 1122	z10499.d	6	460-13279-E-2-A MS	460-37941	05/20/10	970	2	1	1.0	allh20		G
05/21/10 1147	z10500.d	7	460-13279-D-2-F MSD	460-37941	05/20/10	990	2	1	1.0	allh20		G
05/21/10 1212	z10501.d	8	460-13279-E-1-A	460-37941	05/20/10	970	2	1	1.0	allh20		G
05/21/10 1237	z10502.d	9	460-13279-E-3-A	460-37941	05/20/10	960	2	1	1.0	allh20		G
05/21/10 1301	z10503.d	10	460-13279-E-4-A	460-37941	05/20/10	960	2	1	1.0	allh20		G
05/21/10 1326	z10504.d	11	460-13279-F-5-A	460-37941	05/20/10	940	2	1	1.0	allh20		G
05/21/10 1351	z10505.d	12	CCV-424486	21may10br		1000	2	1	1.0	all		G

Signed: W Read and Understood by:

Date: 5/21/10 Date: 5-24-10

Organic Prep Worksheet

Batch Number: 460-37941
Method: 3510C
Analyst: Francisco, Alice M

Date Open: May 20 2010 5:02PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	pH of the sample after first adjustment	pH of the sample after the second adjust	OP625/82SP_00016	OP625/82SU_00012
MB~460-37941/1		3510C, 8270C		1000 mL	2 mL	<2	>12		1 mL
LCS~460-37941/2		3510C, 8270C		1000 mL	2 mL	<2	>12	1 mL	1 mL
460-13279-E-2~MS	GW-017338-051810-ACH-02	3510C, 8270C	T	970 mL	2 mL	<2	>12	1 mL	1 mL
460-13279-D-2~MSD	GW-017338-051810-ACH-02	3510C, 8270C	T	990 mL	2 mL	<2	>12	1 mL	1 mL
460-13279-E-1	EB-017338-051810-ACH-01	3510C, 8270C	T	970 mL	2 mL	<2	>12		1 mL
460-13279-E-2	GW-017338-051810-ACH-02	3510C, 8270C	T	990 mL	2 mL	<2	>12		1 mL
460-13279-E-3	GW-017338-051810-ACH-03	3510C, 8270C	T	960 mL	2 mL	<2	>12		1 mL
460-13279-E-4	GW-017338-051810-ACH-04	3510C, 8270C	T	960 mL	2 mL	<2	>12		1 mL
460-13279-F-5	GW-017338-051810-ACH-05	3510C, 8270C	T	940 mL	2 mL	<2	>12		1 mL

Person's name who did the prep:	AF
Prep Solvent Name:	MeCL2
Prep Solvent Lot #:	J15E03
Prep Solvent Volume Used:	3x60mL mL
Person's name who witnessed reagent drop:	KH
Acid used for pH adjustment:	H2S04
Acid used for pH adjust Lot #:	G35029
Base used for pH adjustment:	NaOH
Base used for pH adjust Lot #:	OP075
Person's name who did the concentration:	AF
Concentration Start Time:	6pm
Concentration End Time:	7pm
Na2SO4 Lot Number:	H52600

Organic Prep Worksheet

Batch Number: 460-37941
Method: 3510C
Analyst: Francisco, Alice M

Date Open: May 20 2010 5:02PM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~460-37941/1		3510C, 8270C		
LCS~460-37941/2		3510C, 8270C		
460-13279-E-2~MS	GW-017338-051810-ACH-02	3510C, 8270C	T	
460-13279-D-2~MSD	GW-017338-051810-ACH-02	3510C, 8270C	T	
460-13279-E-1	EB-017338-051810-ACH-01	3510C, 8270C	T	
460-13279-E-2	GW-017338-051810-ACH-02	3510C, 8270C	T	
460-13279-E-3	GW-017338-051810-ACH-03	3510C, 8270C	T	
460-13279-E-4	GW-017338-051810-ACH-04	3510C, 8270C	T	
460-13279-F-5	GW-017338-051810-ACH-05	3510C, 8270C	T	

Batch Comment: 8270 BNA Water

Method 8270C SIM

Semivolatile Organic Compounds (GC/MS SIM) by Method 8270C (SIM)

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab File ID: h88378.d Lab Sample ID: MB 460-37941/1-A

Matrix: Water Date Extracted: 05/20/2010 17:02

Instrument ID: BNAMS9 Date Analyzed: 05/21/2010 10:17

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EB-017338-051810-ACH-01	460-13279-1	h88379.d	05/21/2010 10:42
GW-017338-051810-ACH-02	460-13279-2	h88380.d	05/21/2010 11:08
GW-017338-051810-ACH-03	460-13279-3	h88381.d	05/21/2010 11:34
GW-017338-051810-ACH-04	460-13279-4	h88382.d	05/21/2010 11:59
GW-017338-051810-ACH-05	460-13279-5	h88383.d	05/21/2010 12:24

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab File ID: h88316.d DFTPP Injection Date: 05/19/2010

Instrument ID: BNAMS9 DFTPP Injection Time: 00:15

Analysis Batch No.: 37804

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	49.2	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	43.5	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	55.6	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	5.9	
275	10.0 - 30.0 % of mass 198	22.9	
365	Greater than 1.0 % of mass 198	1.1	
441	Present but less than mass 443	10.0	
442	Greater than 40.0 % of mass 198	68.2	
443	17.0 - 23.0 % of mass 442	13.7	(20.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-37804/2	h88317.d	05/19/2010	00:34
	IC 460-37804/3	h88318.d	05/19/2010	01:05
	IC 460-37804/4	h88319.d	05/19/2010	01:30
	IC 460-37804/5	h88320.d	05/19/2010	01:56
	IC 460-37804/6	h88321.d	05/19/2010	02:22
	IC 460-37804/7	h88322.d	05/19/2010	02:48

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab File ID: h88376.d DFTPP Injection Date: 05/21/2010

Instrument ID: BNAMS9 DFTPP Injection Time: 09:31

Analysis Batch No.: 38176

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	48.2	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	40.9	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	58.0	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.0	
275	10.0 - 30.0 % of mass 198	23.5	
365	Greater than 1.0 % of mass 198	3.0	
441	Present but less than mass 443	10.9	
442	Greater than 40.0 % of mass 198	72.5	
443	17.0 - 23.0 % of mass 442	14.0	(19.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-38176/2	h88377.d	05/21/2010	09:51
	MB 460-37941/1-A	h88378.d	05/21/2010	10:17
EB-017338-051810-ACH-01	460-13279-1	h88379.d	05/21/2010	10:42
GW-017338-051810-ACH-02	460-13279-2	h88380.d	05/21/2010	11:08
GW-017338-051810-ACH-03	460-13279-3	h88381.d	05/21/2010	11:34
GW-017338-051810-ACH-04	460-13279-4	h88382.d	05/21/2010	11:59
GW-017338-051810-ACH-05	460-13279-5	h88383.d	05/21/2010	12:24

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Sample No.: CCVIS 460-38176/2 Date Analyzed: 05/21/2010 09:51

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): h88377.d Heated Purge: (Y/N) N

Calibration ID: 6244

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		40309	3.52	134177	4.81	54315	6.56
UPPER LIMIT		80618	4.02	268354	5.31	108630	7.06
LOWER LIMIT		20155	3.02	67089	4.31	27158	6.06
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-37941/1-A		42764	3.52	135000	4.81	54312	6.56
460-13279-1	EB-017338-051810-ACH-01	33989	3.52	108832	4.81	44799	6.56
460-13279-2	GW-017338-051810-ACH-02	37241	3.52	115019	4.81	46297	6.56
460-13279-3	GW-017338-051810-ACH-03	35579	3.52	112468	4.81	44841	6.56
460-13279-4	GW-017338-051810-ACH-04	37542	3.52	116675	4.81	45883	6.56
460-13279-5	GW-017338-051810-ACH-05	40238	3.52	126300	4.81	50784	6.56

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Sample No.: CCVIS 460-38176/2 Date Analyzed: 05/21/2010 09:51

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): h88377.d Heated Purge: (Y/N) N

Calibration ID: 6244

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		53596	8.00	19985	10.60	12965	12.28
UPPER LIMIT		107192	8.50	39970	11.10	25930	12.78
LOWER LIMIT		26798	7.50	9993	10.10	6483	11.78
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-37941/1-A		57761	8.00	25397	10.60	17327	12.28
460-13279-1	EB-017338-051810-ACH-01	48135	8.00	17157	10.60	10904	12.28
460-13279-2	GW-017338-051810-ACH-02	52043	8.00	26163	10.60	17917	12.28
460-13279-3	GW-017338-051810-ACH-03	46455	8.00	21189	10.60	15415	12.28
460-13279-4	GW-017338-051810-ACH-04	46934	8.00	20937	10.60	14394	12.28
460-13279-5	GW-017338-051810-ACH-05	57524	8.00	26063	10.60	16639	12.28

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: EB-017338-051810-ACH-01 Lab Sample ID: 460-13279-1

Matrix: Water Lab File ID: h88379.d

Analysis Method: 8270C Date Collected: 05/18/2010 08:40

Extract. Method: 3510C Date Extracted: 05/20/2010 17:02

Sample wt/vol: 970(mL) Date Analyzed: 05/21/2010 10:42

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 38176 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.052	U	0.052	0.021
50-32-8	Benzo[a]pyrene	0.052	U	0.052	0.031
205-99-2	Benzo[b]fluoranthene	0.052	U	0.052	0.041
118-74-1	Hexachlorobenzene	0.021	U	0.021	0.010

Data File: /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/h88379.d
Report Date: 21-May-2010 12:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/h88379.d
Lab Smp Id: 460-13279-E-1-A
Inj Date : 21-MAY-2010 10:42
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-13279-E-1-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/simpah.m
Meth Date : 21-May-2010 11:16 czhao Quant Type: ISTD
Cal Date : 19-MAY-2010 02:22 Cal File: h88321.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	970.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)	
* 79 1,4-Dichlorobenzene-d4	152	3.517	3.516	(1.000)	33989	1.00000		
* 80 Naphthalene-d8	136	4.808	4.808	(1.000)	108832	1.00000		
* 82 Acenaphthene-d10	164	6.559	6.559	(1.000)	44799	1.00000		
* 83 Phenanthrene-d10	188	8.001	8.001	(1.000)	48135	1.00000		
* 81 Chrysene-d12	240	10.597	10.597	(1.000)	17157	1.00000		(M)
* 84 Perylene-d12	264	12.278	12.278	(1.000)	10904	1.00000		

QC Flag Legend

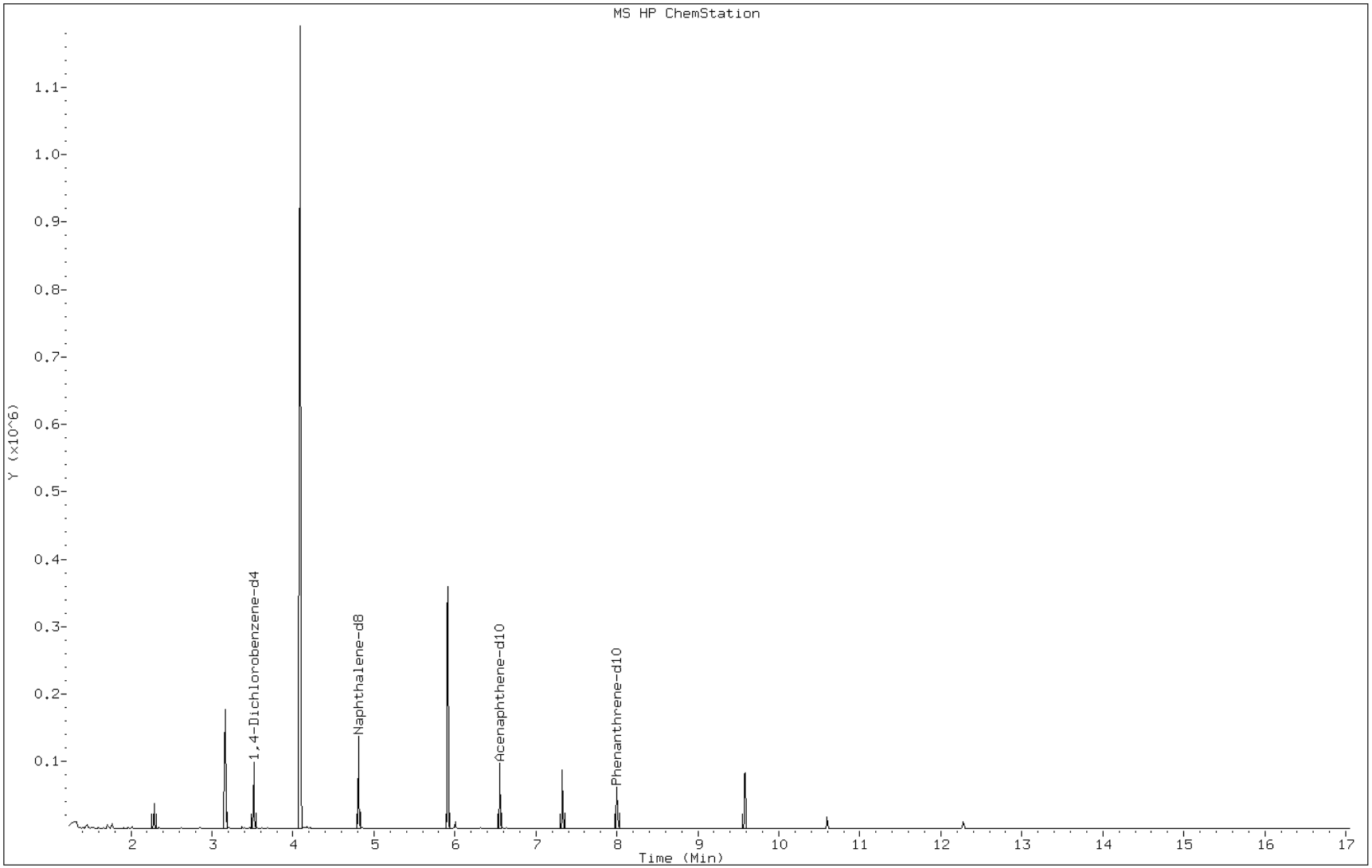
M - Compound response manually integrated.

Data File: h88379.d

Date: 21-MAY-2010 10:42

Client ID: Instrument: BNAMS9.i

Sample Info: 460-13279-E-1-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-02 Lab Sample ID: 460-13279-2

Matrix: GW Lab File ID: h88380.d

Analysis Method: 8270C Date Collected: 05/18/2010 09:30

Extract. Method: 3510C Date Extracted: 05/20/2010 17:02

Sample wt/vol: 990(mL) Date Analyzed: 05/21/2010 11:08

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 38176 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.051	U	0.051	0.020
50-32-8	Benzo[a]pyrene	0.051	U	0.051	0.030
205-99-2	Benzo[b]fluoranthene	0.051	U	0.051	0.040
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/h88380.d
Report Date: 21-May-2010 12:47

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/h88380.d
Lab Smp Id: 460-13279-E-2-B
Inj Date : 21-MAY-2010 11:08
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-13279-E-2-B
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/simpah.m
Meth Date : 21-May-2010 11:16 czhao Quant Type: ISTD
Cal Date : 19-MAY-2010 02:22 Cal File: h88321.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	990.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
* 79 1,4-Dichlorobenzene-d4	152	3.516	3.516	(1.000)	37241	1.00000	(a)
* 80 Naphthalene-d8	136	4.808	4.808	(1.000)	115019	1.00000	(a)
31 Naphthalene	128	4.837	4.827	(1.006)	6503561	47.3975	96(A)
39 Acenaphthylene	152	6.422	6.412	(0.979)	1177	0.01198	0.024(a)
* 82 Acenaphthene-d10	164	6.558	6.559	(1.000)	46297	1.00000	(a)
42 Acenaphthene	154	6.588	6.588	(1.004)	11206	0.20014	0.40
47 Fluorene	166	7.094	7.094	(1.082)	7673	0.12901	0.26
14 Pentachlorophenol	266	7.835	7.845	(0.979)	174	0.04616	0.093(aM)
* 83 Phenanthrene-d10	188	8.001	8.001	(1.000)	52043	1.00000	(a)
52 Phenanthrene	178	8.020	8.030	(1.002)	1486	0.02082	0.042(a)
53 Anthracene	178	8.078	8.078	(1.010)	2176	0.03529	0.071
56 Fluoranthene	202	9.181	9.182	(1.148)	6384	0.13286	0.27
57 Pyrene	202	9.391	9.391	(0.886)	1667	0.02752	0.056
* 81 Chrysene-d12	240	10.597	10.597	(1.000)	26163	1.00000	(a)
* 84 Perylene-d12	264	12.278	12.278	(1.000)	17917	1.00000	(a)

Data File: /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/h88380.d
Report Date: 21-May-2010 12:47

QC Flag Legend

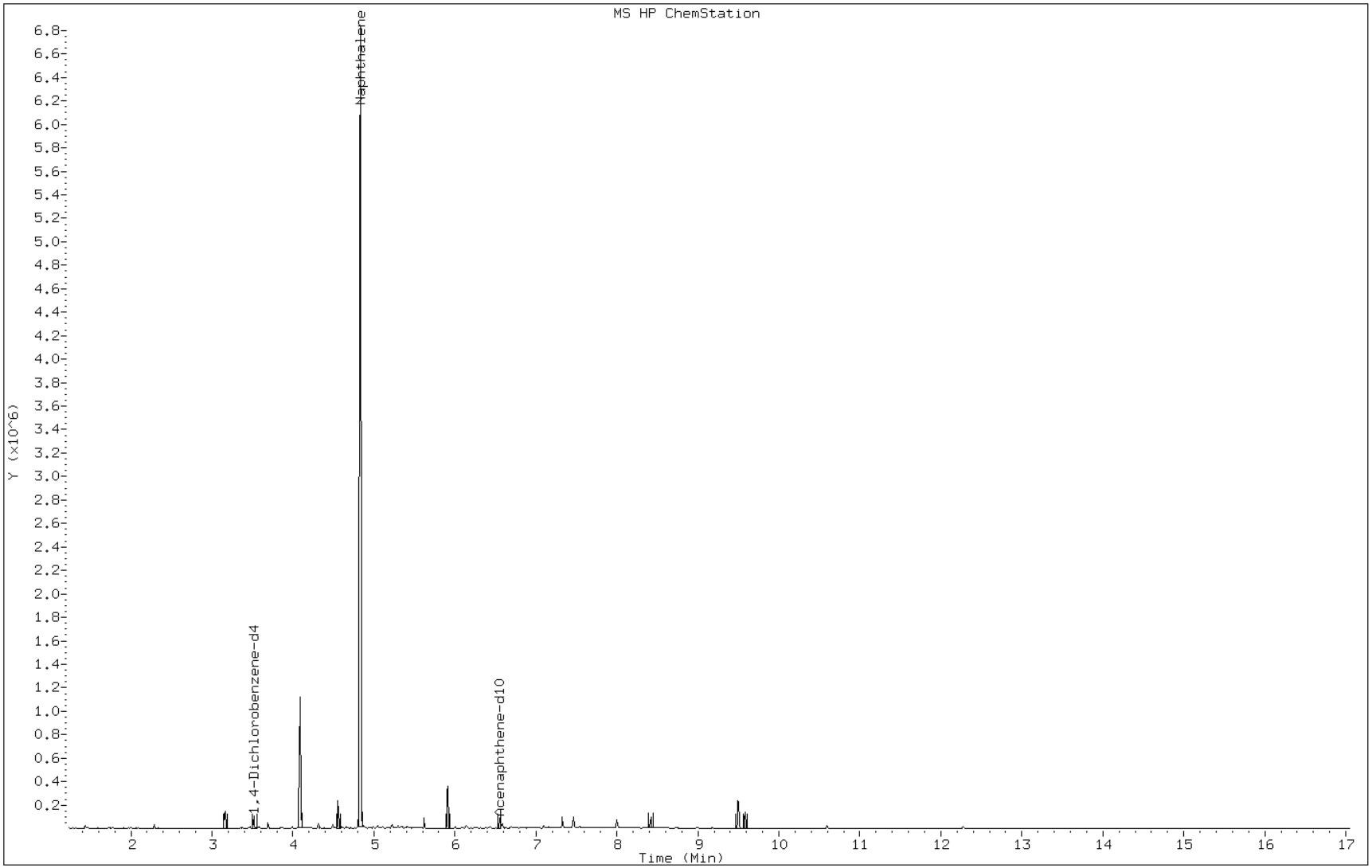
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
M - Compound response manually integrated.

Data File: h88380.d

Date: 21-MAY-2010 11:08

Client ID: Instrument: BNAMS9.i

Sample Info: 460-13279-E-2-B Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-03 Lab Sample ID: 460-13279-3

Matrix: GW Lab File ID: h88381.d

Analysis Method: 8270C Date Collected: 05/18/2010 11:00

Extract. Method: 3510C Date Extracted: 05/20/2010 17:02

Sample wt/vol: 960(mL) Date Analyzed: 05/21/2010 11:34

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 38176 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.052	U	0.052	0.021
50-32-8	Benzo[a]pyrene	0.052	U	0.052	0.031
205-99-2	Benzo[b]fluoranthene	0.052	U	0.052	0.042
118-74-1	Hexachlorobenzene	0.021	U	0.021	0.010

Data File: /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/h88381.d
Report Date: 21-May-2010 13:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/h88381.d
Lab Smp Id: 460-13279-E-3-A
Inj Date : 21-MAY-2010 11:34
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-13279-E-3-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/simpah.m
Meth Date : 21-May-2010 11:16 czhao Quant Type: ISTD
Cal Date : 19-MAY-2010 02:22 Cal File: h88321.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	960.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

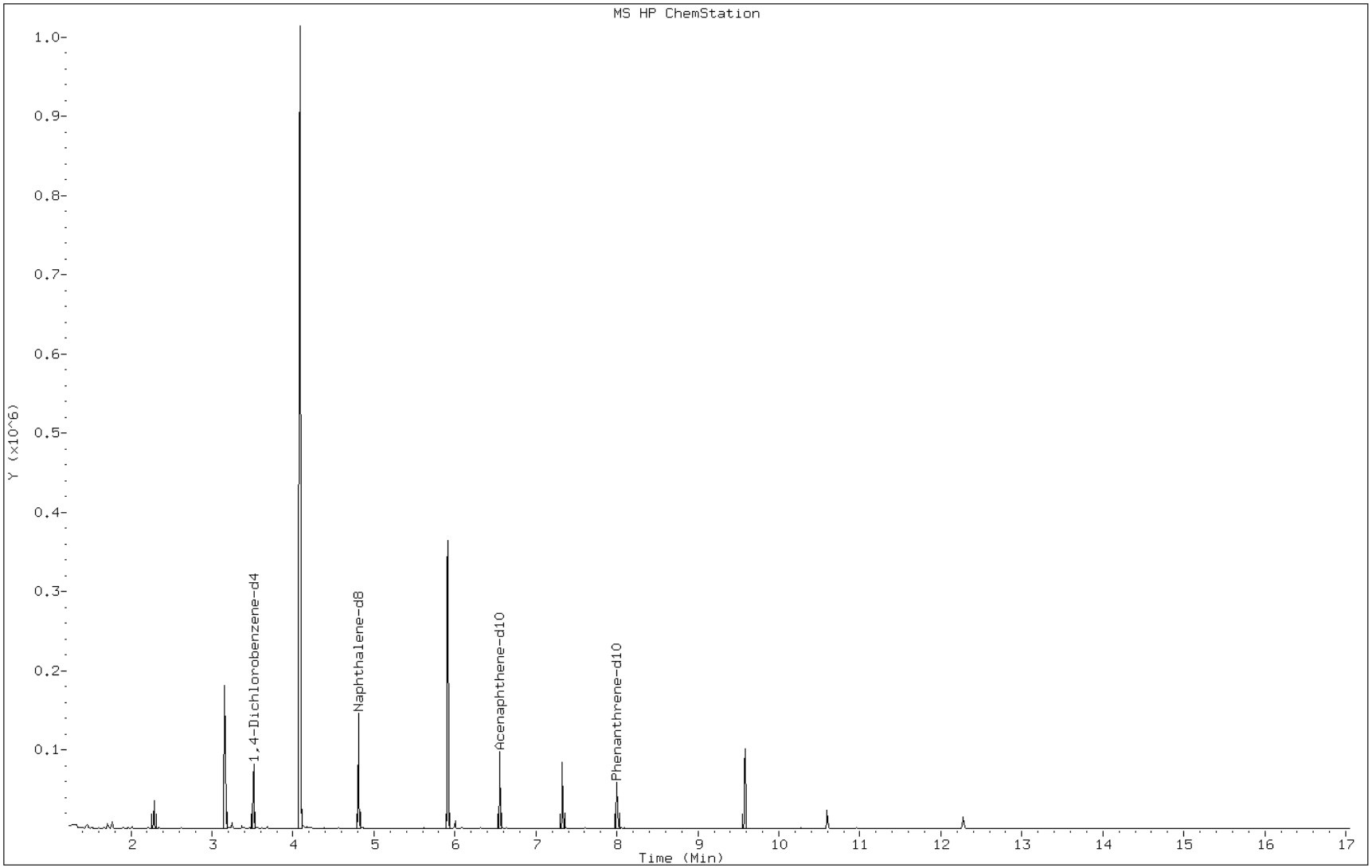
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
* 79 1,4-Dichlorobenzene-d4	152	3.516	3.516	(1.000)	35579	1.00000	
* 80 Naphthalene-d8	136	4.808	4.808	(1.000)	112468	1.00000	
* 82 Acenaphthene-d10	164	6.559	6.559	(1.000)	44841	1.00000	
* 83 Phenanthrene-d10	188	8.001	8.001	(1.000)	46455	1.00000	
* 81 Chrysene-d12	240	10.597	10.597	(1.000)	21189	1.00000	
* 84 Perylene-d12	264	12.278	12.278	(1.000)	15415	1.00000	

Data File: h88381.d

Date: 21-MAY-2010 11:34

Client ID: Instrument: BNAMS9.i

Sample Info: 460-13279-E-3-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-04 Lab Sample ID: 460-13279-4

Matrix: GW Lab File ID: h88382.d

Analysis Method: 8270C Date Collected: 05/18/2010 11:10

Extract. Method: 3510C Date Extracted: 05/20/2010 17:02

Sample wt/vol: 960(mL) Date Analyzed: 05/21/2010 11:59

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 38176 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.052	U	0.052	0.021
50-32-8	Benzo[a]pyrene	0.052	U	0.052	0.031
205-99-2	Benzo[b]fluoranthene	0.052	U	0.052	0.042
118-74-1	Hexachlorobenzene	0.021	U	0.021	0.010

Data File: /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/h88382.d
Report Date: 21-May-2010 13:29

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/h88382.d
Lab Smp Id: 460-13279-E-4-A
Inj Date : 21-MAY-2010 11:59
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-13279-E-4-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/simpah.m
Meth Date : 21-May-2010 11:16 czhao Quant Type: ISTD
Cal Date : 19-MAY-2010 02:22 Cal File: h88321.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	960.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)	
* 79 1,4-Dichlorobenzene-d4	152	3.516	3.516	(1.000)	37542	1.00000		
* 80 Naphthalene-d8	136	4.808	4.808	(1.000)	116675	1.00000		
* 82 Acenaphthene-d10	164	6.558	6.559	(1.000)	45883	1.00000		
* 83 Phenanthrene-d10	188	8.000	8.001	(1.000)	46934	1.00000		
* 81 Chrysene-d12	240	10.597	10.597	(1.000)	20937	1.00000		(M)
* 84 Perylene-d12	264	12.277	12.278	(1.000)	14394	1.00000		

QC Flag Legend

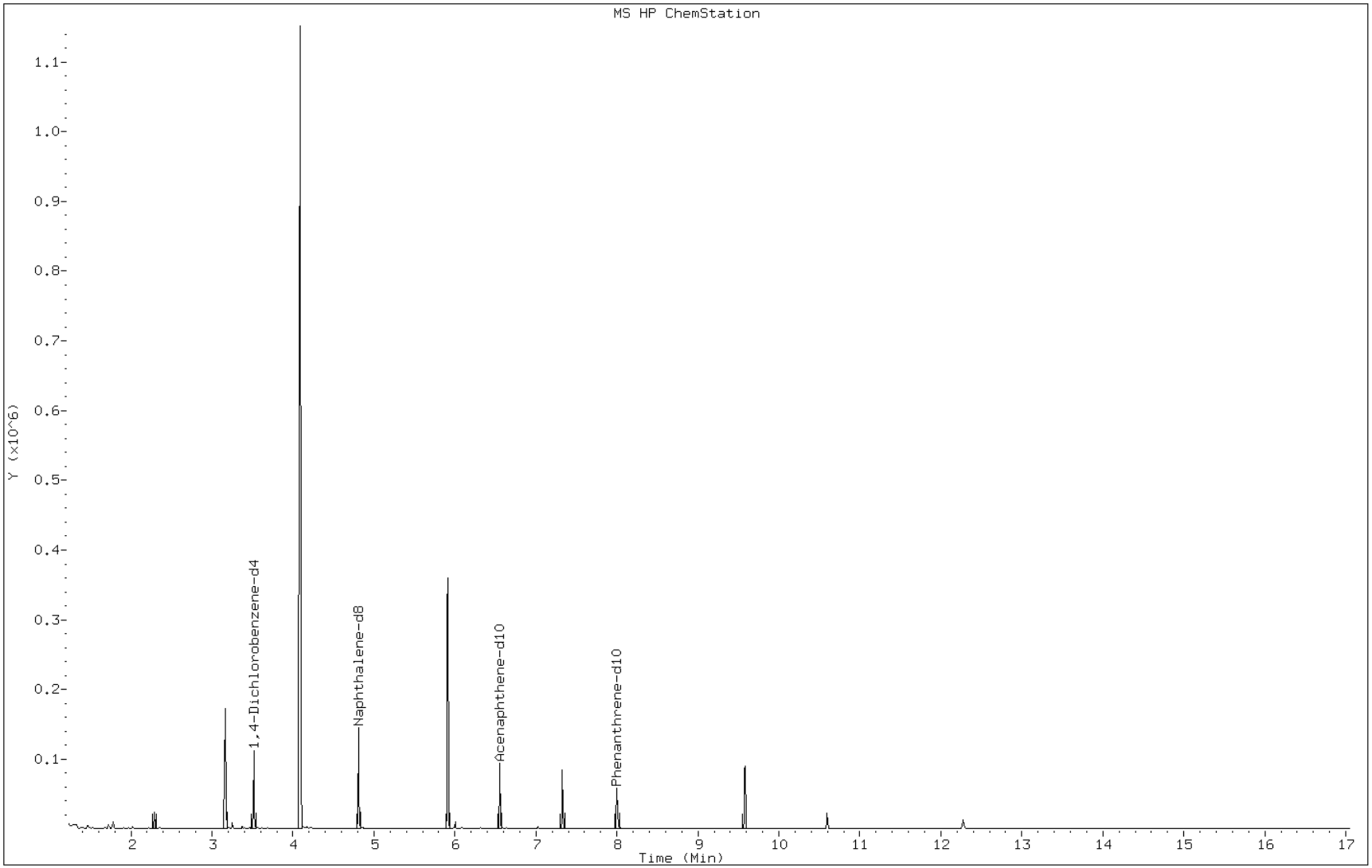
M - Compound response manually integrated.

Data File: h88382.d

Date: 21-MAY-2010 11:59

Client ID: Instrument: BNAMS9.i

Sample Info: 460-13279-E-4-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Client Sample ID: GW-017338-051810-ACH-05 Lab Sample ID: 460-13279-5

Matrix: GW Lab File ID: h88383.d

Analysis Method: 8270C Date Collected: 05/18/2010 12:00

Extract. Method: 3510C Date Extracted: 05/20/2010 17:02

Sample wt/vol: 940(mL) Date Analyzed: 05/21/2010 12:24

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 38176 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.053	U	0.053	0.021
50-32-8	Benzo[a]pyrene	0.053	U	0.053	0.032
205-99-2	Benzo[b]fluoranthene	0.053	U	0.053	0.043
118-74-1	Hexachlorobenzene	0.021	U	0.021	0.011

Data File: /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/h88383.d
Report Date: 21-May-2010 13:53

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/h88383.d
Lab Smp Id: 460-13279-F-5-A
Inj Date : 21-MAY-2010 12:24
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : 460-13279-F-5-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/simpah.m
Meth Date : 21-May-2010 11:16 czhao Quant Type: ISTD
Cal Date : 19-MAY-2010 02:22 Cal File: h88321.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	940.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)	
* 79 1,4-Dichlorobenzene-d4	152	3.517	3.516	(1.000)	40238	1.00000		(a)
* 80 Naphthalene-d8	136	4.808	4.808	(1.000)	126300	1.00000		(a)
31 Naphthalene	128	4.827	4.827	(1.004)	20324	0.13489	0.29	
* 82 Acenaphthene-d10	164	6.559	6.559	(1.000)	50784	1.00000		(a)
42 Acenaphthene	154	6.588	6.588	(1.004)	1778	0.02895	0.062	
* 83 Phenanthrene-d10	188	8.001	8.001	(1.000)	57524	1.00000		(a)
56 Fluoranthene	202	9.182	9.182	(1.148)	2722	0.05125	0.11	
57 Pyrene	202	9.391	9.391	(0.886)	1757	0.02912	0.062	
* 81 Chrysene-d12	240	10.597	10.597	(1.000)	26063	1.00000		(a)
* 84 Perylene-d12	264	12.278	12.278	(1.000)	16639	1.00000		(a)

QC Flag Legend

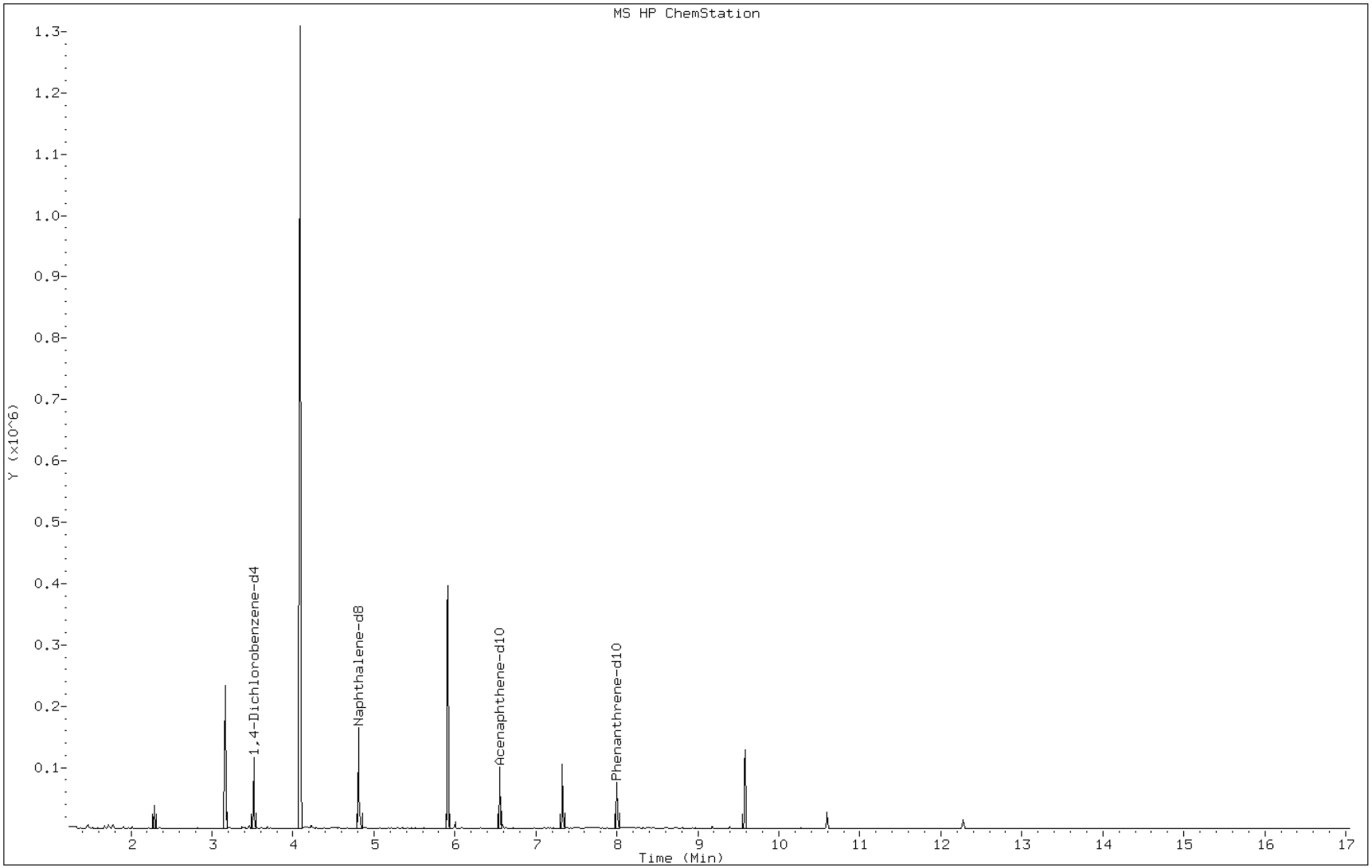
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: h88383.d

Date: 21-MAY-2010 12:24

Client ID: Instrument: BNAMS9.i

Sample Info: 460-13279-F-5-A Operator: BNAMS 4



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 37804

SDG No.:

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2010 00:34 Calibration End Date: 05/19/2010 02:48 Calibration ID: 6244

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-37804/3	h88318.d
Level 2	IC 460-37804/4	h88319.d
Level 3	ICIS 460-37804/2	h88317.d
Level 4	IC 460-37804/5	h88320.d
Level 5	IC 460-37804/6	h88321.d
Level 6	IC 460-37804/7	h88322.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodimethylamine	0.4571 0.5628	0.4332	0.4619	0.4536	0.4252	Ave		0.4656				10.7		15.0			
Naphthalene	1.1029 1.2259	1.2554	1.2084	1.1775	1.1877	Ave		1.1930				4.4		15.0			
Acenaphthylene	1.9242 2.1799	2.2282	2.1969	2.1060	2.0941	Ave		2.1215				5.2		15.0			
Acenaphthene	1.1304 1.2313	1.2780	1.2354	1.1789	1.2025	Ave		1.2094				4.2		30.0			
Fluorene	1.2303 1.2966	1.3358	1.2638	1.2646	1.3165	Ave		1.2846				3.0		15.0			
Hexachlorobenzene	0.3765 0.3134	0.3400	0.3382	0.3364	0.2928	Ave		0.3329				8.5		15.0			
Pentachlorophenol	0.0486 0.0785	0.0398	0.0547	0.0511	0.0823	QuaF		13.752	-2.777						0.9935		0.9900
Phenanthrene	1.3523 1.3516	1.4237	1.3854	1.3870	1.3270	Ave		1.3712				2.5		15.0			
Anthracene	1.0994 1.2111	1.2041	1.2332	1.2274	1.1333	Ave		1.1847				4.6		15.0			
Fluoranthene	0.8109 0.9336	0.9033	0.8768	0.8785	1.1365	Ave		0.9233				12.1		30.0			
Pyrene	2.4551 2.2057	2.5429	2.5980	2.3950	1.6942	Ave		2.3151				14.4		15.0			
Benzo[a]anthracene	1.3305 1.2429	1.3375	1.3040	1.2127	1.1892	Ave		1.2695				5.0		15.0			
Chrysene	1.3133 1.3640	1.4426	1.3957	1.3954	1.3159	Ave		1.3711				3.7		15.0			
Benzo[b]fluoranthene	1.3703 1.9547	1.7318	1.5813	1.5628	1.5052	Ave		1.6177				12.5		15.0			
Benzo[k]fluoranthene	1.4848 2.0619	1.6694	1.5645	1.7888	1.6547	Ave		1.7040				11.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 37804

SDG No.:

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2010 00:34 Calibration End Date: 05/19/2010 02:48 Calibration ID: 6244

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzo[a]pyrene	1.2890 1.4664	1.2606	1.2884	1.2673	1.2903	Ave		1.3103				5.9		30.0			
Indeno[1,2,3-cd]pyrene	0.9603 1.0791	0.9707	1.1829	0.9723	1.1937	Ave		1.0598				10.2		15.0			
Dibenz(a,h)anthracene	0.9418 1.1121	0.9648	1.0645	0.9653	1.1925	Ave		1.0401				9.6		15.0			
Benzo[g,h,i]perylene	1.2041 1.1968	1.2130	1.2921	1.0905	1.3034	Ave		1.2166				6.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 37804

SDG No.:

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2010 00:34 Calibration End Date: 05/19/2010 02:48 Calibration ID: 6244

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-37804/3	h88318.d
Level 2	IC 460-37804/4	h88319.d
Level 3	ICIS 460-37804/2	h88317.d
Level 4	IC 460-37804/5	h88320.d
Level 5	IC 460-37804/6	h88321.d
Level 6	IC 460-37804/7	h88322.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
N-Nitrosodimethylamine	DCB	Ave	1464 88308	4894	7441	14211	15371	0.100 5.00	0.250	0.500	1.00	2.00
Naphthalene	NPT	Ave	2928 243105	9113	12699	58285	72745	0.0250 2.00	0.0500	0.100	0.500	1.00
Acenaphthylene	ANT	Ave	2310 181121	7014	10042	44892	59609	0.0250 2.00	0.0500	0.100	0.500	1.00
Acenaphthene	ANT	Ave	1357 102305	4023	5647	25129	34230	0.0250 2.00	0.0500	0.100	0.500	1.00
Fluorene	ANT	Ave	1477 107736	4205	5777	26956	37473	0.0250 2.00	0.0500	0.100	0.500	1.00
Hexachlorobenzene	PHN	Ave	190 69141	562	1540	13892	22395	0.0100 5.00	0.0250	0.100	1.00	2.00
Pentachlorophenol	PHN	QuaF	245 17328	657	1246	2109	6295	0.100 5.00	0.250	0.500	1.00	2.00
Phenanthrene	PHN	Ave	1706 119269	4706	6309	28639	50750	0.0250 2.00	0.0500	0.100	0.500	1.00
Anthracene	PHN	Ave	1387 106870	3980	5616	25343	43344	0.0250 2.00	0.0500	0.100	0.500	1.00
Fluoranthene	PHN	Ave	1023 82384	2986	3993	18140	43465	0.0250 2.00	0.0500	0.100	0.500	1.00
Pyrene	CRY	Ave	1002 82435	2831	3909	17397	44954	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[a]anthracene	CRY	Ave	543 46453	1489	1962	8809	31554	0.0250 2.00	0.0500	0.100	0.500	1.00
Chrysene	CRY	Ave	536 50980	1606	2100	10136	34915	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[b]fluoranthene	PRY	Ave	371 36470	1165	1695	7088	30140	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[k]fluoranthene	PRY	Ave	402 38470	1123	1677	8113	33134	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[a]pyrene	PRY	Ave	349 27360	848	1381	5748	25836	0.0250 2.00	0.0500	0.100	0.500	1.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-13279-1 Analy Batch No.: 37804

SDG No.:

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2010 00:34 Calibration End Date: 05/19/2010 02:48 Calibration ID: 6244

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Indeno[1,2,3-cd]pyrene	PRY	Ave	260 20133	653	1268	4410	23903	0.0250 2.00	0.0500	0.100	0.500	1.00
Dibenz(a,h)anthracene	PRY	Ave	255 20749	649	1141	4378	23878	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[g,h,i]perylene	PRY	Ave	326 22330	816	1385	4946	26099	0.0250 2.00	0.0500	0.100	0.500	1.00

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

Data File: /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/h88317.d
Report Date: 19-May-2010 09:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/h88317.d
Lab Smp Id: ICIS-445844
Inj Date : 19-MAY-2010 00:34
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : ICIS-445844
Misc Info : bna-4465
Comment :
Method : /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/simpah.m
Meth Date : 19-May-2010 09:37 czhao Quant Type: ISTD
Cal Date : 19-MAY-2010 00:34 Cal File: h88317.d
Als bottle: 2 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.332	1.332	(0.377)	7441	0.50000	0.50
*	79 1,4-Dichlorobenzene-d4	152	3.536	3.536	(1.000)	32218	1.00000	
*	80 Naphthalene-d8	136	4.827	4.827	(1.000)	105088	1.00000	
	31 Naphthalene	128	4.846	4.846	(1.004)	12699	0.10000	0.10
	39 Acenaphthylene	152	6.432	6.432	(0.978)	10042	0.10000	0.10
*	82 Acenaphthene-d10	164	6.578	6.578	(1.000)	45710	1.00000	
	42 Acenaphthene	154	6.607	6.607	(1.004)	5647	0.10000	0.10
	47 Fluorene	166	7.114	7.114	(1.081)	5777	0.10000	0.10
	51 Hexachlorobenzene	284	7.660	7.660	(0.954)	1540	0.10000	0.10
	14 Pentachlorophenol	266	7.874	7.874	(0.981)	1246	0.50000	0.50
*	83 Phenanthrene-d10	188	8.030	8.030	(1.000)	45540	1.00000	
	52 Phenanthrene	178	8.049	8.049	(1.002)	6309	0.10000	0.10
	53 Anthracene	178	8.098	8.098	(1.008)	5616	0.10000	0.10
	56 Fluoranthene	202	9.206	9.206	(1.146)	3993	0.10000	0.10
	57 Pyrene	202	9.415	9.415	(1.000)	3909	0.10000	0.10

Data File: /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/h88317.d
Report Date: 19-May-2010 09:37

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
61 Benzo(a)anthracene	228	10.613	10.613	(1.000)	1962	0.10000	0.10
* 81 Chrysene-d12	240	10.621	10.621	(1.000)	15046	1.00000	(M)
62 Chrysene	228	10.653	10.653	(1.000)	2100	0.10000	0.10
65 Benzo(b)fluoranthene	252	11.843	11.843	(0.962)	1695	0.10000	0.10
66 Benzo(k)fluoranthene	252	11.884	11.884	(0.965)	1677	0.10000	0.10
67 Benzo(a)pyrene	252	12.237	12.237	(0.994)	1381	0.10000	0.10
* 84 Perylene-d12	264	12.310	12.310	(1.000)	10719	1.00000	
68 Indeno(1,2,3-cd)pyrene	276	13.637	13.637	(1.108)	1268	0.10000	0.10
69 Dibenz(a,h)anthracene	278	13.685	13.685	(1.112)	1141	0.10000	0.10
70 Benzo(g,h,i)perylene	276	13.958	13.958	(1.134)	1385	0.10000	0.10

QC Flag Legend

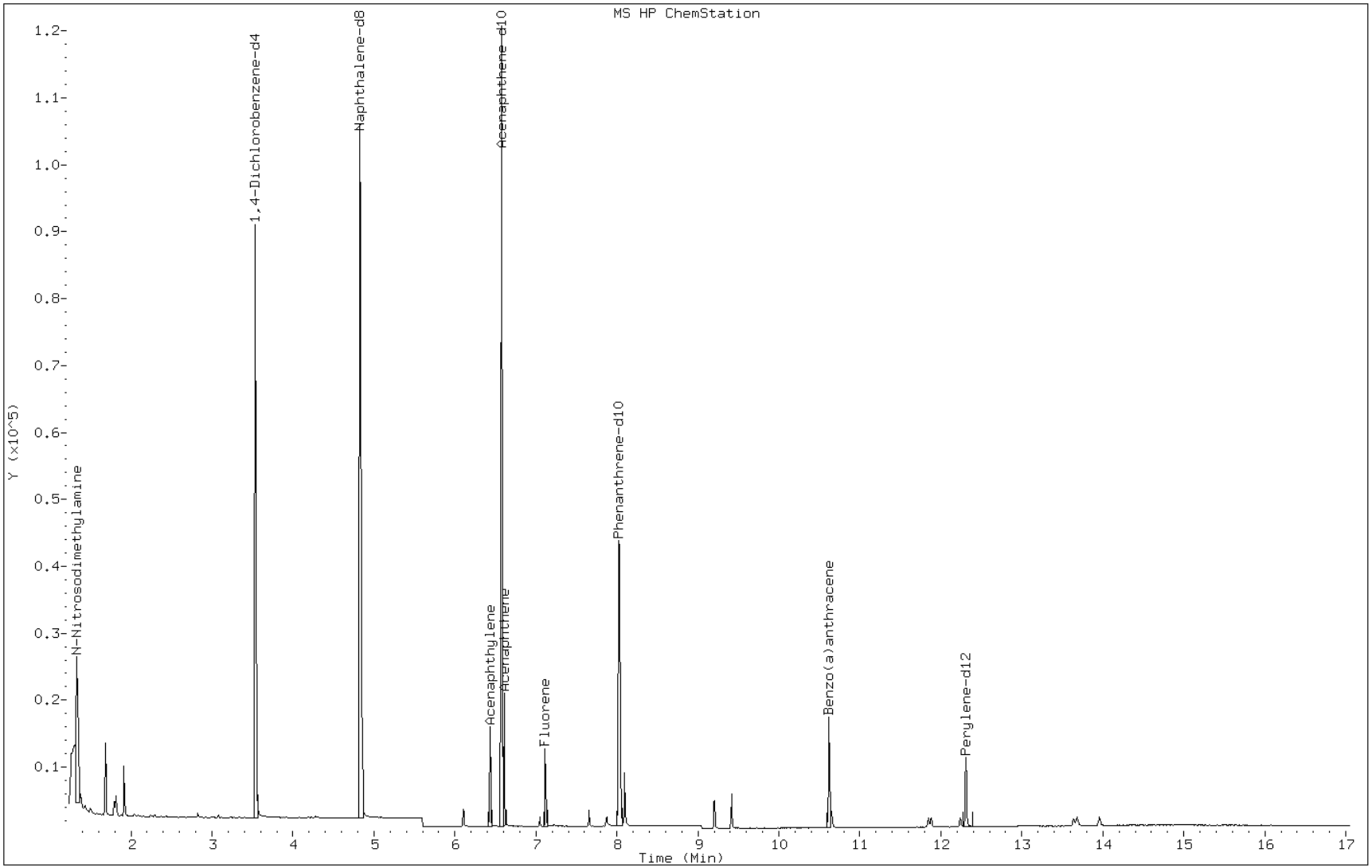
M - Compound response manually integrated.

Data File: h88317.d

Date: 19-MAY-2010 00:34

Client ID: Instrument: BNAMS9.i

Sample Info: ICIS-445844 Operator: BNAMS 4



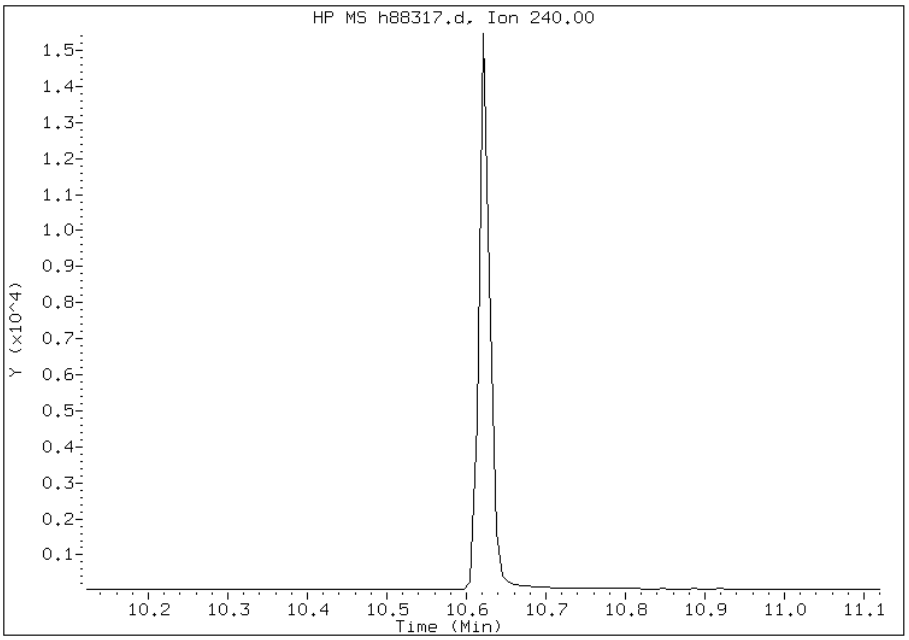
Manual Integration Report

Data File: h88317.d
Inj. Date and Time: 19-MAY-2010 00:34
Instrument ID: BNAMS9.i
Client ID:
Compound: 81 Chrysene-d12
CAS #: 1719-03-5
Report Date: 05/19/2010

Processing Integration Results

Not Detected

Expected RT: 10.62



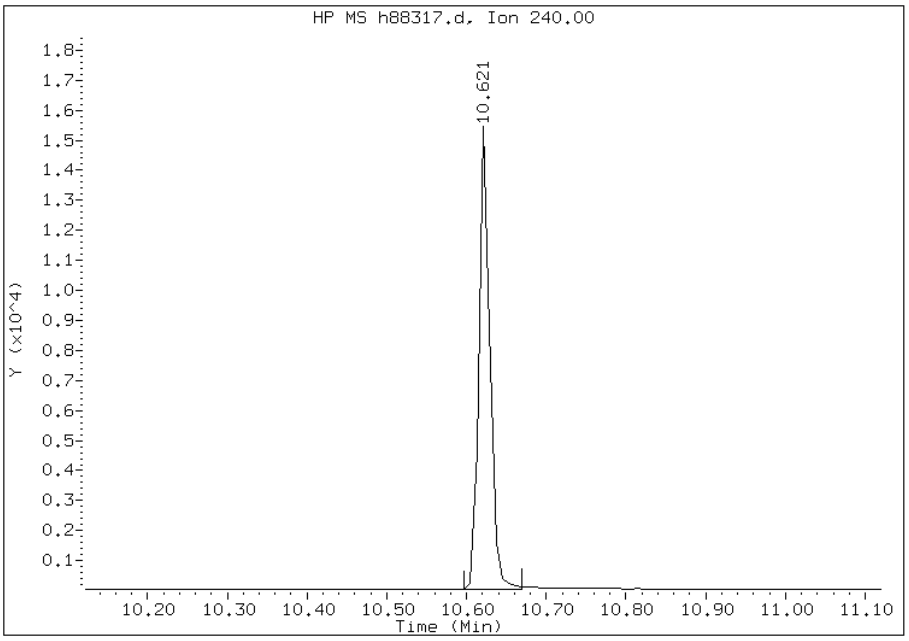
Manual Integration Results

RT: 10.62

Response: 15046

Amount: 1

Conc: 1



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/h88318.d
Report Date: 19-May-2010 09:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/h88318.d
Lab Smp Id: IC-445845
Inj Date : 19-MAY-2010 01:05
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : IC-445845
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/simpah.m
Meth Date : 19-May-2010 09:37 czhao Quant Type: ISTD
Cal Date : 19-MAY-2010 01:05 Cal File: h88318.d
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.342	1.342	(0.379)	1464	0.10000	0.099(a)
*	79 1,4-Dichlorobenzene-d4	152	3.536	3.536	(1.000)	32029	1.00000	
*	80 Naphthalene-d8	136	4.827	4.827	(1.000)	106197	1.00000	
	31 Naphthalene	128	4.846	4.846	(1.004)	2928	0.02500	0.024(a)
	39 Acenaphthylene	152	6.432	6.432	(0.978)	2310	0.02500	0.023(a)
*	82 Acenaphthene-d10	164	6.578	6.578	(1.000)	48019	1.00000	
	42 Acenaphthene	154	6.607	6.607	(1.004)	1357	0.02500	0.024(a)
	47 Fluorene	166	7.124	7.124	(1.083)	1477	0.02500	0.025
	51 Hexachlorobenzene	284	7.659	7.659	(0.954)	190	0.01000	0.010
	14 Pentachlorophenol	266	7.874	7.874	(0.981)	245	0.10000	0.094(a)
*	83 Phenanthrene-d10	188	8.030	8.030	(1.000)	50463	1.00000	
	52 Phenanthrene	178	8.049	8.049	(1.002)	1706	0.02500	0.025
	53 Anthracene	178	8.098	8.098	(1.008)	1387	0.02500	0.024(a)
	56 Fluoranthene	202	9.206	9.206	(1.146)	1023	0.02500	0.024(a)
	57 Pyrene	202	9.423	9.423	(1.000)	1002	0.02500	0.024(a)

Data File: /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/h88318.d
Report Date: 19-May-2010 09:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	61 Benzo(a)anthracene	228	10.613	10.613	(1.000)	543	0.02500	0.025
*	81 Chrysene-d12	240	10.621	10.621	(1.000)	16325	1.00000	(M)
	62 Chrysene	228	10.653	10.653	(1.000)	536	0.02500	0.024(a)
	65 Benzo(b)fluoranthene	252	11.851	11.851	(0.963)	371	0.02500	0.023(a)
	66 Benzo(k)fluoranthene	252	11.883	11.883	(0.965)	402	0.02500	0.024(a)
	67 Benzo(a)pyrene	252	12.245	12.245	(0.995)	349	0.02500	0.025
*	84 Perylene-d12	264	12.310	12.310	(1.000)	10830	1.00000	
	68 Indeno(1,2,3-cd)pyrene	276	13.645	13.645	(1.108)	260	0.02500	0.022(a)
	69 Dibenz(a,h)anthracene	278	13.693	13.693	(1.112)	255	0.02500	0.023(a)
	70 Benzo(g,h,i)perylene	276	13.966	13.966	(1.135)	326	0.02500	0.024(a)

QC Flag Legend

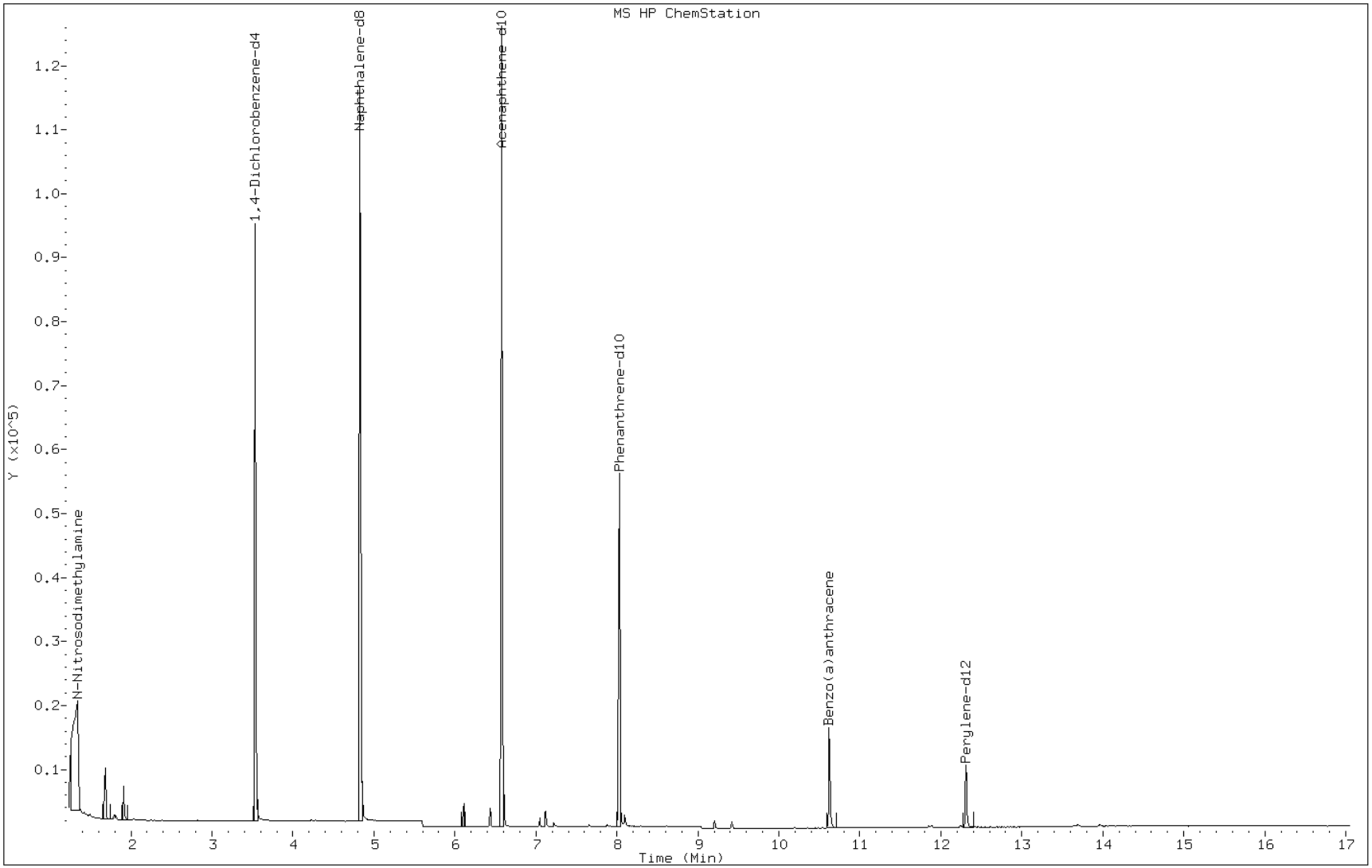
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: h88318.d

Date: 19-MAY-2010 01:05

Client ID: Instrument: BNAMS9.i

Sample Info: IC-445845 Operator: BNAMS 4



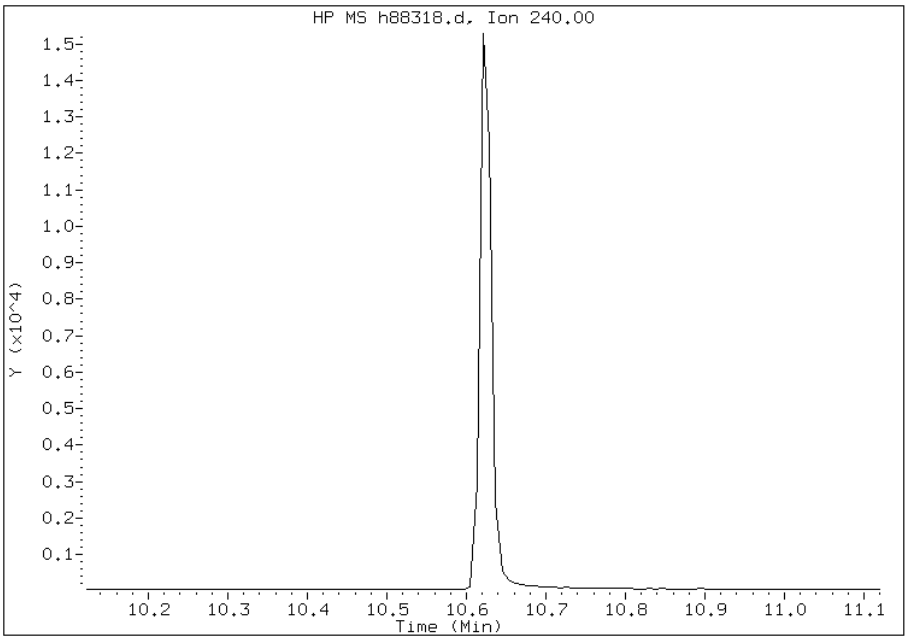
Manual Integration Report

Data File: h88318.d
Inj. Date and Time: 19-MAY-2010 01:05
Instrument ID: BNAMS9.i
Client ID:
Compound: 81 Chrysene-d12
CAS #: 1719-03-5
Report Date: 05/19/2010

Processing Integration Results

Not Detected

Expected RT: 10.62



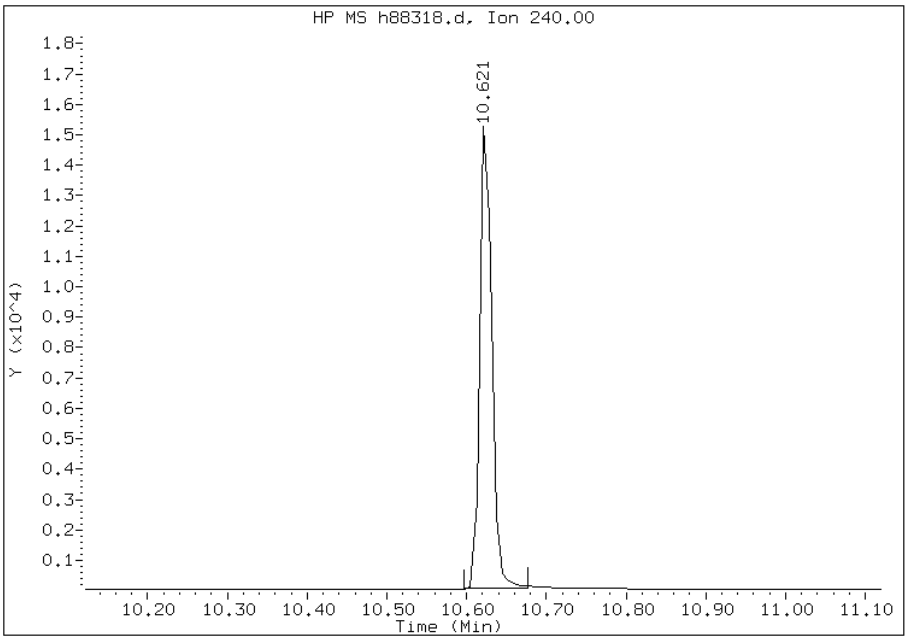
Manual Integration Results

RT: 10.62

Response: 16325

Amount: 1

Conc: 1



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/h88319.d
Report Date: 19-May-2010 10:58

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/h88319.d
Lab Smp Id: IC-445847
Inj Date : 19-MAY-2010 01:30
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : IC-445847
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/simpah.m
Meth Date : 19-May-2010 09:38 czhao Quant Type: ISTD
Cal Date : 19-MAY-2010 01:30 Cal File: h88319.d
Als bottle: 4 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.332	1.245	(0.377)	4894	0.25000	0.23
*	79 1,4-Dichlorobenzene-d4	152	3.536	3.536	(1.000)	45190	1.00000	
*	80 Naphthalene-d8	136	4.827	4.827	(1.000)	145178	1.00000	
	31 Naphthalene	128	4.847	4.847	(1.004)	9113	0.05000	0.053
	39 Acenaphthylene	152	6.432	6.432	(0.978)	7014	0.05000	0.052
*	82 Acenaphthene-d10	164	6.578	6.578	(1.000)	62957	1.00000	
	42 Acenaphthene	154	6.607	6.607	(1.004)	4023	0.05000	0.053
	47 Fluorene	166	7.114	7.114	(1.081)	4205	0.05000	0.052
	51 Hexachlorobenzene	284	7.660	7.660	(0.954)	562	0.02500	0.025
	14 Pentachlorophenol	266	7.874	7.864	(0.981)	657	0.25000	0.17(M)
*	83 Phenanthrene-d10	188	8.030	8.030	(1.000)	66110	1.00000	
	52 Phenanthrene	178	8.049	8.049	(1.002)	4706	0.05000	0.052
	53 Anthracene	178	8.098	8.098	(1.008)	3980	0.05000	0.051
	56 Fluoranthene	202	9.206	9.198	(1.146)	2986	0.05000	0.049
	57 Pyrene	202	9.415	9.415	(1.000)	2831	0.05000	0.055

Data File: /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/h88319.d
Report Date: 19-May-2010 10:58

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
61 Benzo(a)anthracene	228	10.613	10.613	(1.000)	1489	0.05000	0.053
* 81 Chrysene-d12	240	10.621	10.621	(1.000)	22266	1.00000	(M)
62 Chrysene	228	10.653	10.653	(1.000)	1606	0.05000	0.053
65 Benzo(b)fluoranthene	252	11.851	11.843	(0.963)	1165	0.05000	0.054
66 Benzo(k)fluoranthene	252	11.884	11.876	(0.965)	1123	0.05000	0.049
67 Benzo(a)pyrene	252	12.237	12.238	(0.994)	848	0.05000	0.048
* 84 Perylene-d12	264	12.310	12.310	(1.000)	13454	1.00000	
68 Indeno(1,2,3-cd)pyrene	276	13.645	13.637	(1.108)	653	0.05000	0.046
69 Dibenz(a,h)anthracene	278	13.685	13.677	(1.112)	649	0.05000	0.046
70 Benzo(g,h,i)perylene	276	13.958	13.958	(1.134)	816	0.05000	0.050

QC Flag Legend

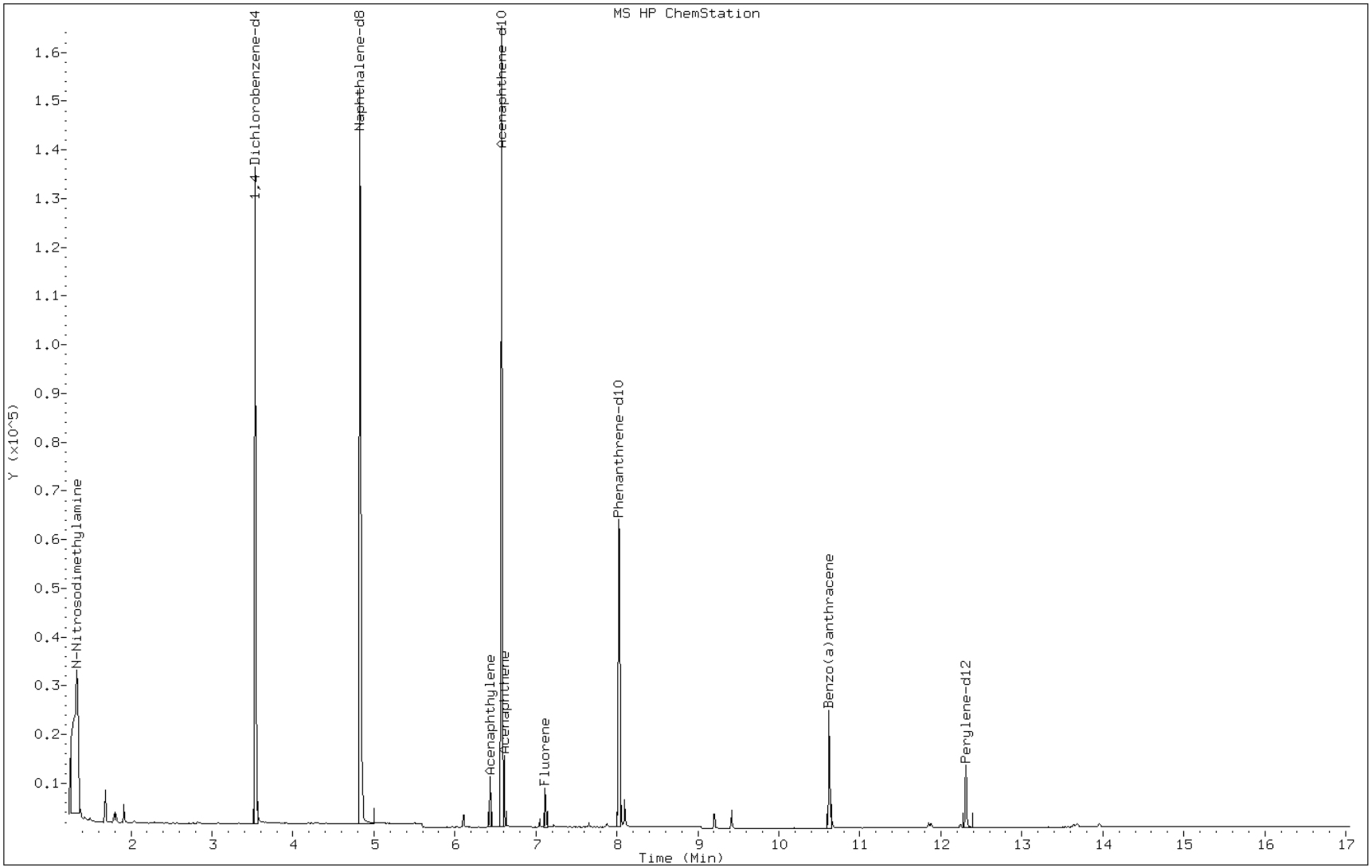
M - Compound response manually integrated.

Data File: h88319.d

Date: 19-MAY-2010 01:30

Client ID: Instrument: BNAMS9.i

Sample Info: IC-445847 Operator: BNAMS 4



Manual Integration Report

Data File: h88319.d
Inj. Date and Time: 19-MAY-2010 01:30
Instrument ID: BNAMS9.i
Client ID:
Compound: 14 Pentachlorophenol
CAS #: 87-86-5
Report Date: 05/19/2010

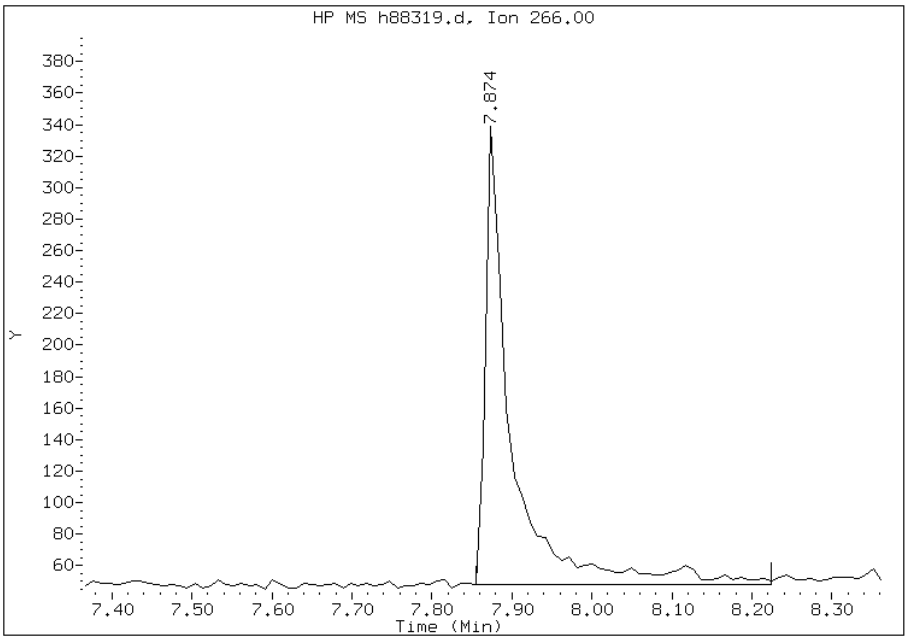
Processing Integration Results

RT: 7.87

Response: 675

Amount: 0

Conc: 0



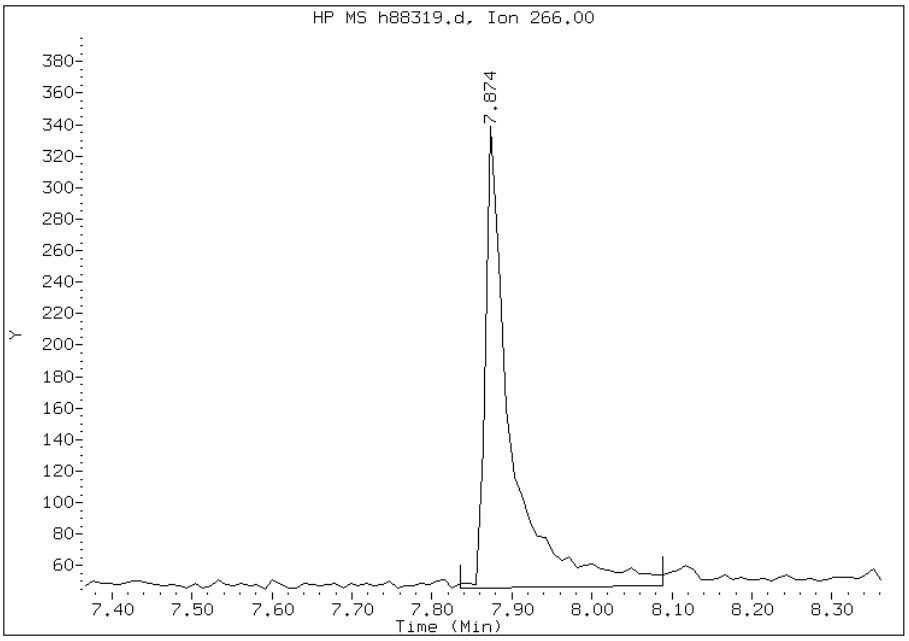
Manual Integration Results

RT: 7.87

Response: 657

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason:

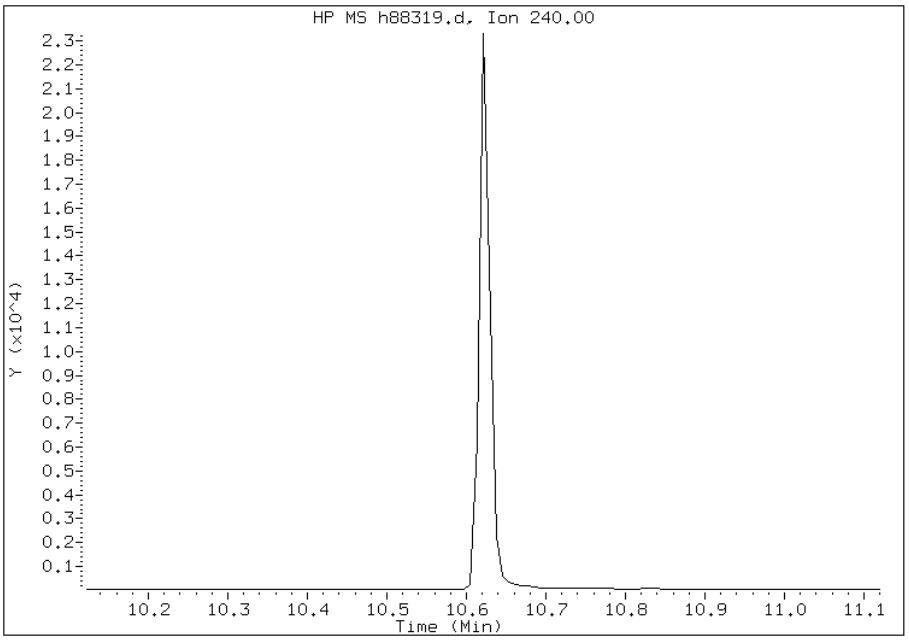
Manual Integration Report

Data File: h88319.d
Inj. Date and Time: 19-MAY-2010 01:30
Instrument ID: BNAMS9.i
Client ID:
Compound: 81 Chrysene-d12
CAS #: 1719-03-5
Report Date: 05/19/2010

Processing Integration Results

Not Detected

Expected RT: 10.62



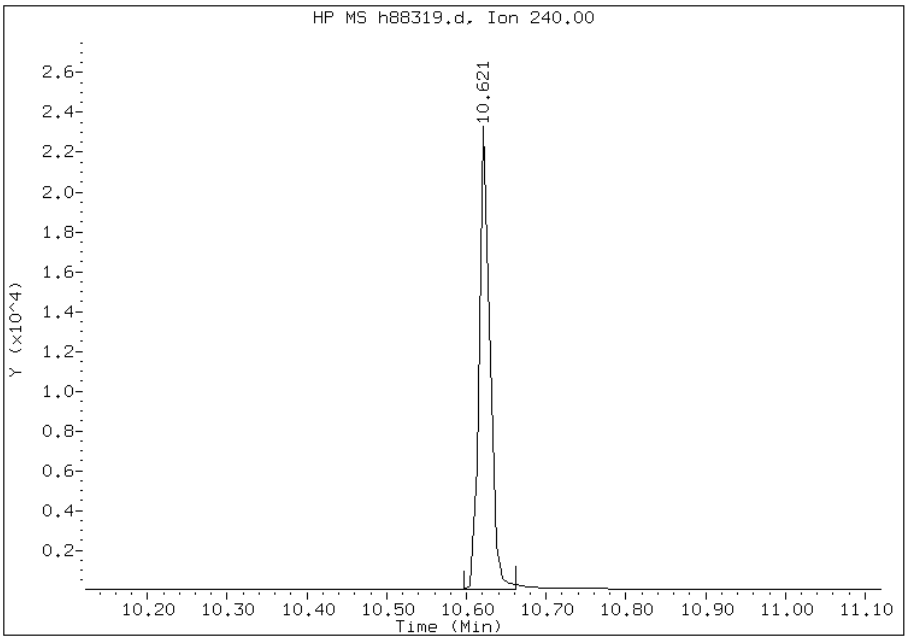
Manual Integration Results

RT: 10.62

Response: 22266

Amount: 1

Conc: 1



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/h88320.d
Report Date: 19-May-2010 09:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/h88320.d
Lab Smp Id: IC-445900
Inj Date : 19-MAY-2010 01:56
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : IC-445900
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/simpah.m
Meth Date : 19-May-2010 09:37 czhao Quant Type: ISTD
Cal Date : 19-MAY-2010 01:56 Cal File: h88320.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.323	1.323	(0.374)	14211	1.00000	1.0
*	79 1,4-Dichlorobenzene-d4	152	3.536	3.536	(1.000)	31329	1.00000	
*	80 Naphthalene-d8	136	4.827	4.827	(1.000)	98995	1.00000	
	31 Naphthalene	128	4.846	4.846	(1.004)	58285	0.50000	0.50
	39 Acenaphthylene	152	6.432	6.432	(0.978)	44892	0.50000	0.50
*	82 Acenaphthene-d10	164	6.578	6.578	(1.000)	42633	1.00000	
	42 Acenaphthene	154	6.607	6.607	(1.004)	25129	0.50000	0.49
	47 Fluorene	166	7.114	7.114	(1.081)	26956	0.50000	0.50
	51 Hexachlorobenzene	284	7.660	7.660	(0.954)	13892	1.00000	0.97
	14 Pentachlorophenol	266	7.874	7.874	(0.981)	2109	1.00000	1.0
*	83 Phenanthrene-d10	188	8.030	8.030	(1.000)	41296	1.00000	
	52 Phenanthrene	178	8.049	8.049	(1.002)	28639	0.50000	0.50
	53 Anthracene	178	8.098	8.098	(1.008)	25343	0.50000	0.52
	56 Fluoranthene	202	9.198	9.198	(1.145)	18140	0.50000	0.51
	57 Pyrene	202	9.415	9.415	(0.886)	17397	0.50000	0.48

Data File: /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/h88320.d
Report Date: 19-May-2010 09:37

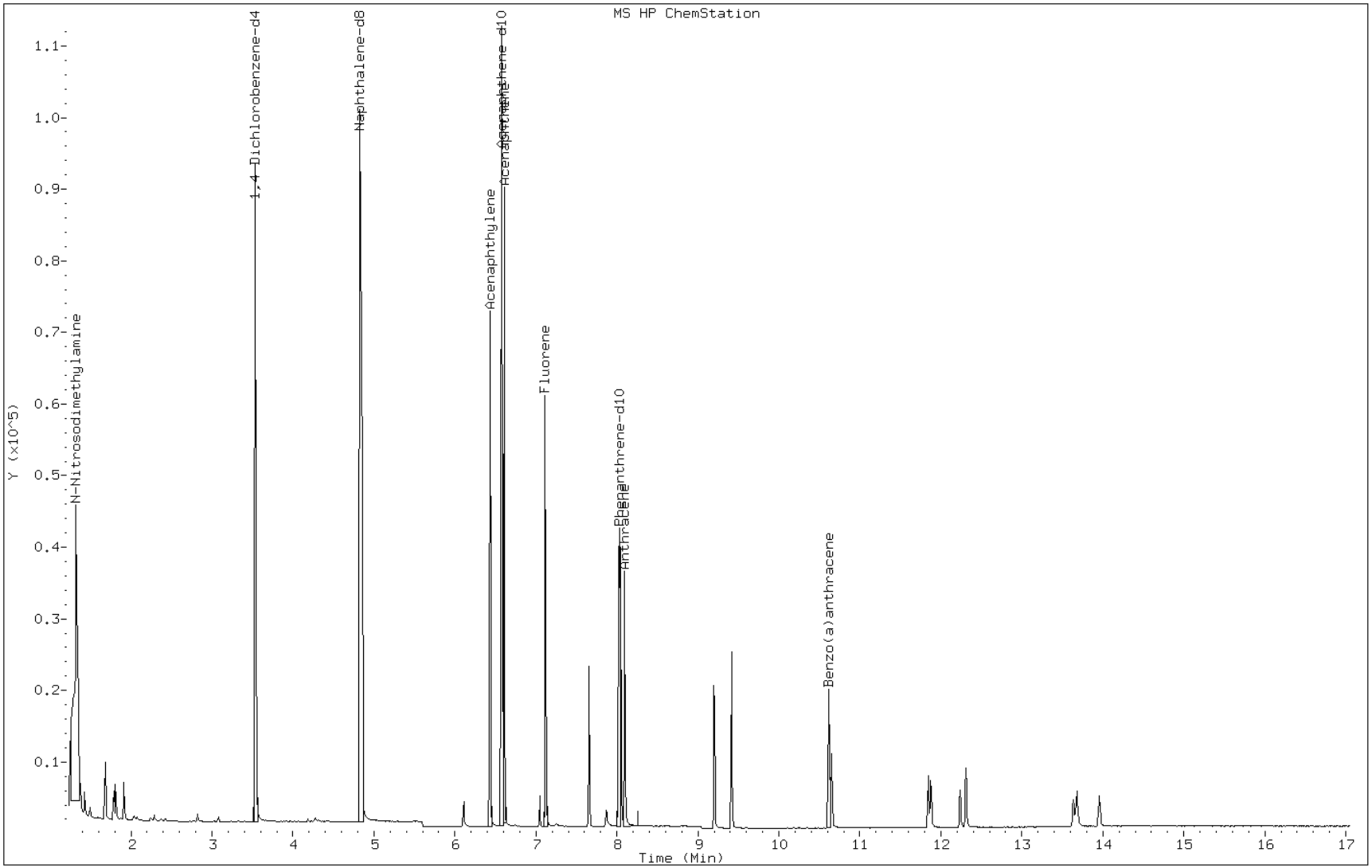
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	61 Benzo(a)anthracene	228	10.613	10.613	(0.999)	8809	0.50000	0.47
*	81 Chrysene-d12	240	10.621	10.621	(1.000)	14528	1.00000	
	62 Chrysene	228	10.653	10.653	(1.003)	10136	0.50000	0.50
	65 Benzo(b)fluoranthene	252	11.843	11.843	(0.962)	7088	0.50000	0.50
	66 Benzo(k)fluoranthene	252	11.876	11.876	(0.965)	8113	0.50000	0.55
	67 Benzo(a)pyrene	252	12.237	12.237	(0.994)	5748	0.50000	0.50
*	84 Perylene-d12	264	12.310	12.310	(1.000)	9071	1.00000	
	68 Indeno(1,2,3-cd)pyrene	276	13.637	13.637	(1.108)	4410	0.50000	0.48
	69 Dibenz(a,h)anthracene	278	13.677	13.677	(1.111)	4378	0.50000	0.49
	70 Benzo(g,h,i)perylene	276	13.958	13.958	(1.134)	4946	0.50000	0.45

Data File: h88320.d

Date: 19-MAY-2010 01:56

Client ID: Instrument: BNAMS9.i

Sample Info: IC-445900 Operator: BNAMS 4



Data File: /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/h88321.d
Report Date: 19-May-2010 10:58

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/h88321.d
Lab Smp Id: IC-445901
Inj Date : 19-MAY-2010 02:22
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : IC-445901
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/simpah.m
Meth Date : 19-May-2010 09:38 czhao Quant Type: ISTD
Cal Date : 19-MAY-2010 02:22 Cal File: h88321.d
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.245	1.332	(0.352)	15371	2.00000	1.8(M)
*	79 1,4-Dichlorobenzene-d4	152	3.536	3.536	(1.000)	18077	1.00000	
*	80 Naphthalene-d8	136	4.827	4.827	(1.000)	61251	1.00000	
	31 Naphthalene	128	4.847	4.847	(1.004)	72745	1.00000	1.00
	39 Acenaphthylene	152	6.432	6.432	(0.978)	59609	1.00000	0.99
*	82 Acenaphthene-d10	164	6.578	6.578	(1.000)	28465	1.00000	
	42 Acenaphthene	154	6.607	6.607	(1.004)	34230	1.00000	0.99
	47 Fluorene	166	7.114	7.114	(1.081)	37473	1.00000	1.0
	51 Hexachlorobenzene	284	7.660	7.660	(0.954)	22395	2.00000	1.8
	14 Pentachlorophenol	266	7.864	7.874	(0.979)	6295	2.00000	2.8(M)
*	83 Phenanthrene-d10	188	8.030	8.030	(1.000)	38245	1.00000	(M)
	52 Phenanthrene	178	8.049	8.049	(1.002)	50750	1.00000	0.97
	53 Anthracene	178	8.098	8.098	(1.008)	43344	1.00000	0.96
	56 Fluoranthene	202	9.198	9.206	(1.145)	43465	1.00000	1.2
	57 Pyrene	202	9.415	9.415	(0.886)	44954	1.00000	0.73

Data File: /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/h88321.d
Report Date: 19-May-2010 10:58

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	61 Benzo(a)anthracene	228	10.613	10.613	(0.999)	31554	1.00000	0.94
*	81 Chrysene-d12	240	10.621	10.621	(1.000)	26534	1.00000	
	62 Chrysene	228	10.653	10.653	(1.003)	34915	1.00000	0.96
	65 Benzo(b)fluoranthene	252	11.843	11.851	(0.962)	30140	1.00000	0.93
	66 Benzo(k)fluoranthene	252	11.876	11.884	(0.965)	33134	1.00000	0.97
	67 Benzo(a)pyrene	252	12.238	12.237	(0.994)	25836	1.00000	0.98
*	84 Perylene-d12	264	12.310	12.310	(1.000)	20024	1.00000	
	68 Indeno(1,2,3-cd)pyrene	276	13.637	13.645	(1.108)	23903	1.00000	1.1
	69 Dibenz(a,h)anthracene	278	13.677	13.685	(1.111)	23878	1.00000	1.1
	70 Benzo(g,h,i)perylene	276	13.958	13.958	(1.134)	26099	1.00000	1.1

QC Flag Legend

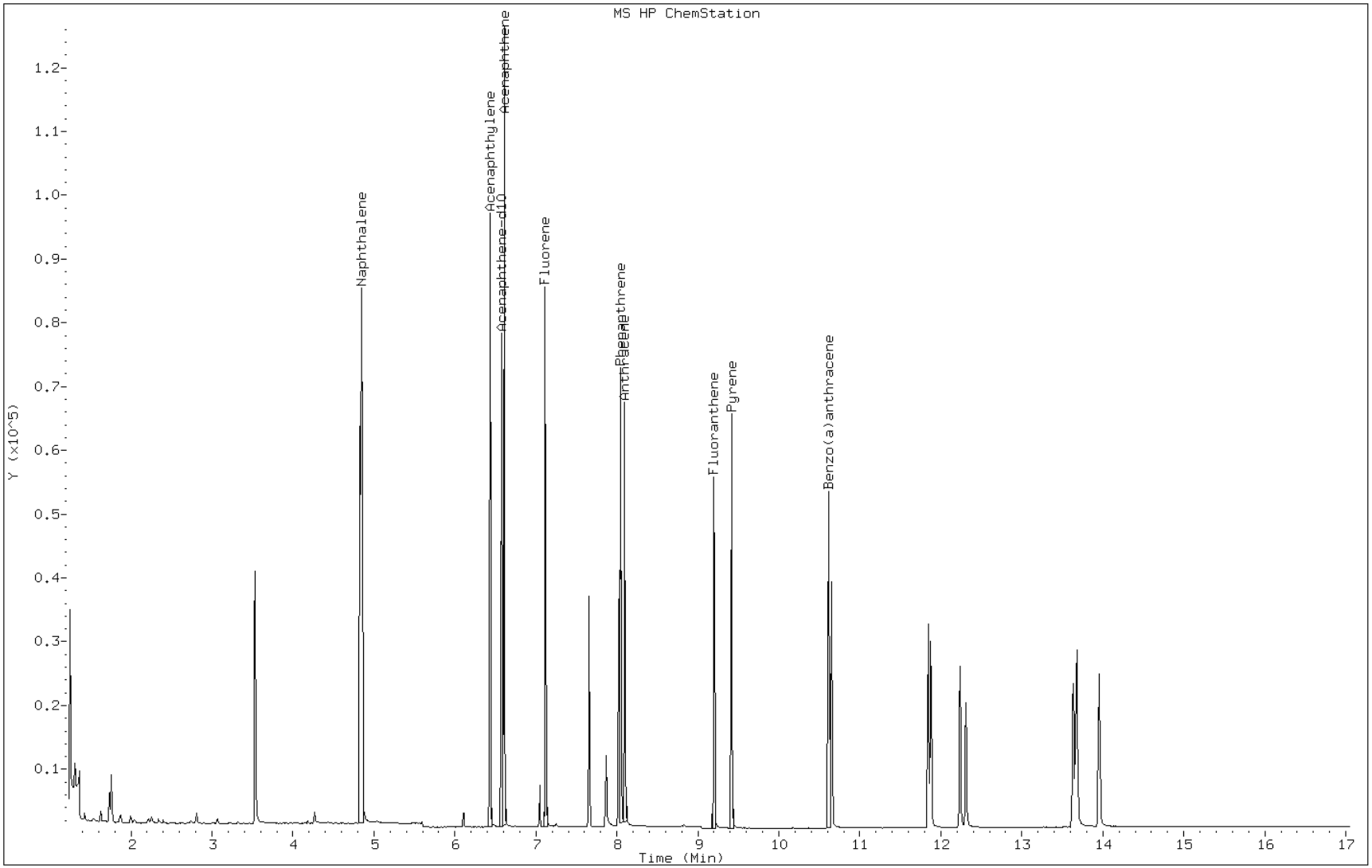
M - Compound response manually integrated.

Data File: h88321.d

Date: 19-MAY-2010 02:22

Client ID: Instrument: BNAMS9.i

Sample Info: IC-445901 Operator: BNAMS 4



Manual Integration Report

Data File: h88321.d
Inj. Date and Time: 19-MAY-2010 02:22
Instrument ID: BNAMS9.i
Client ID:
Compound: 14 Pentachlorophenol
CAS #: 87-86-5
Report Date: 05/19/2010

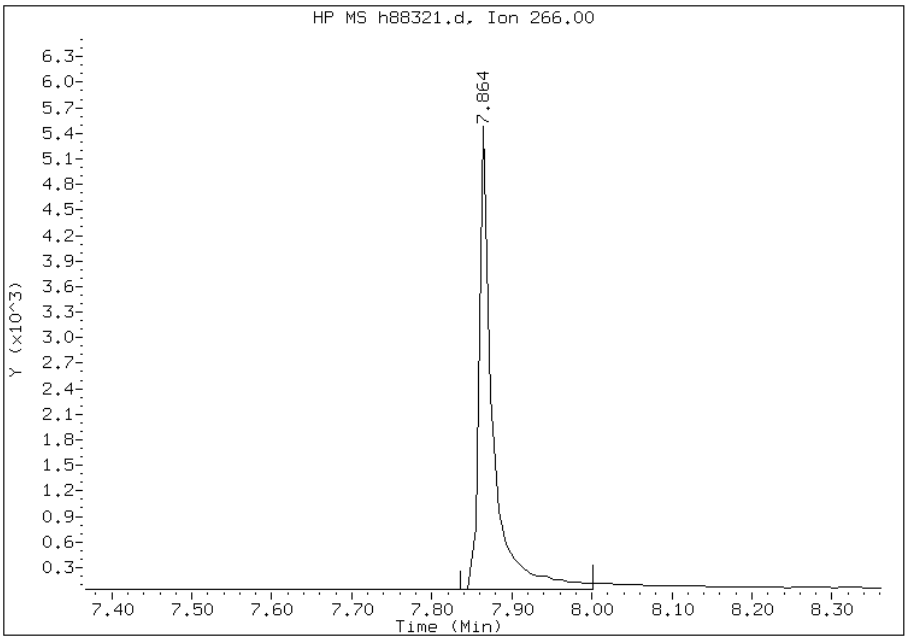
Processing Integration Results

RT: 7.86

Response: 6729

Amount: 3

Conc: 3



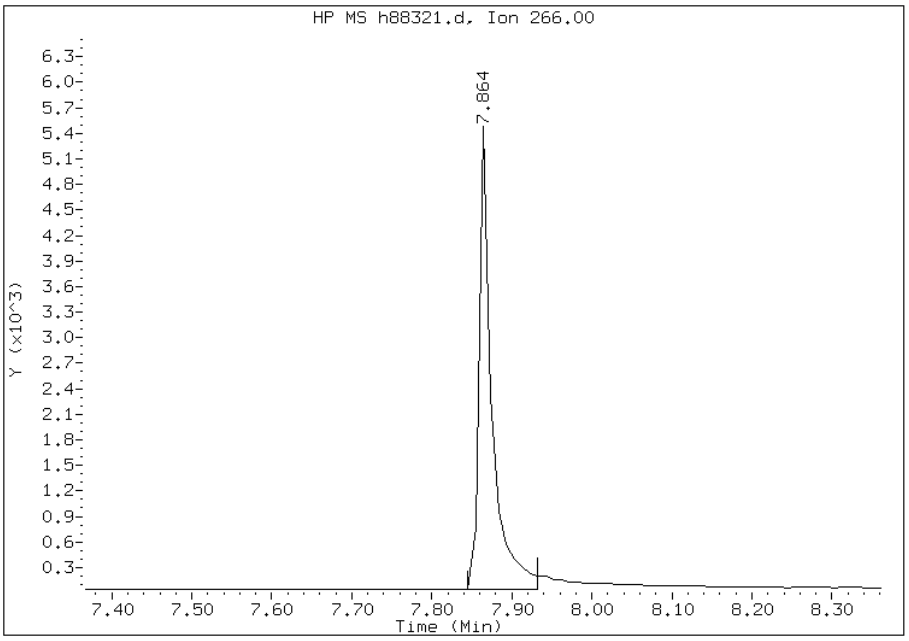
Manual Integration Results

RT: 7.86

Response: 6295

Amount: 3

Conc: 3



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: h88321.d
Inj. Date and Time: 19-MAY-2010 02:22
Instrument ID: BNAMS9.i
Client ID:
Compound: 83 Phenanthrene-d10
CAS #: 1517-22-2
Report Date: 05/19/2010

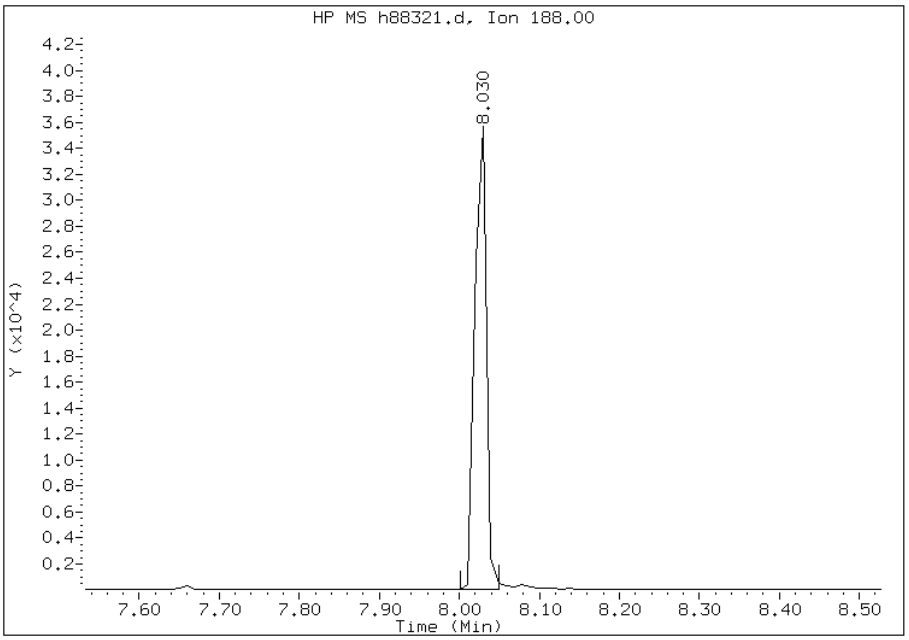
Processing Integration Results

RT: 8.03

Response: 37505

Amount: 1

Conc: 1



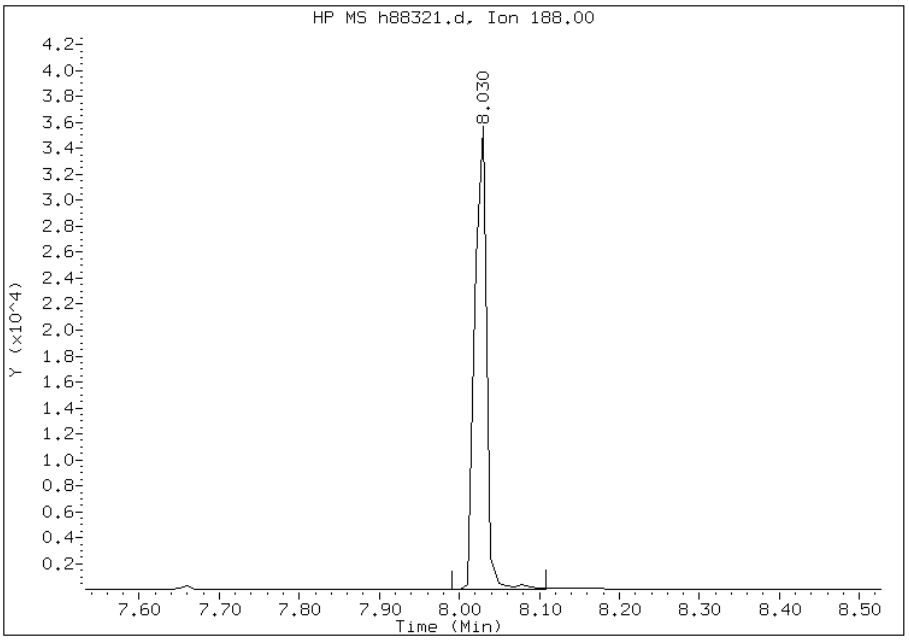
Manual Integration Results

RT: 8.03

Response: 38245

Amount: 1

Conc: 1



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: h88321.d
Inj. Date and Time: 19-MAY-2010 02:22
Instrument ID: BNAMS9.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 05/19/2010

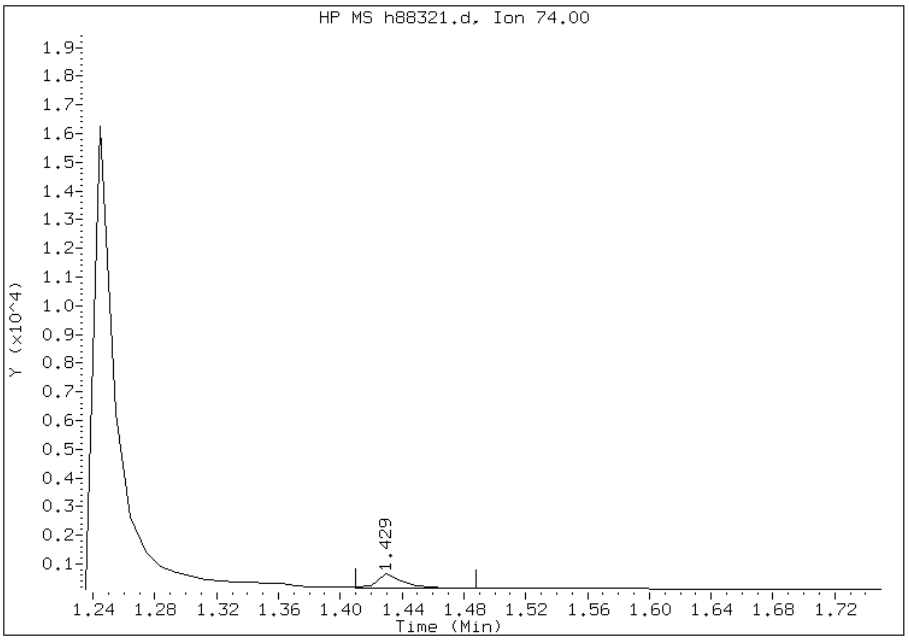
Processing Integration Results

RT: 1.43

Response: 581

Amount: 0

Conc: 0



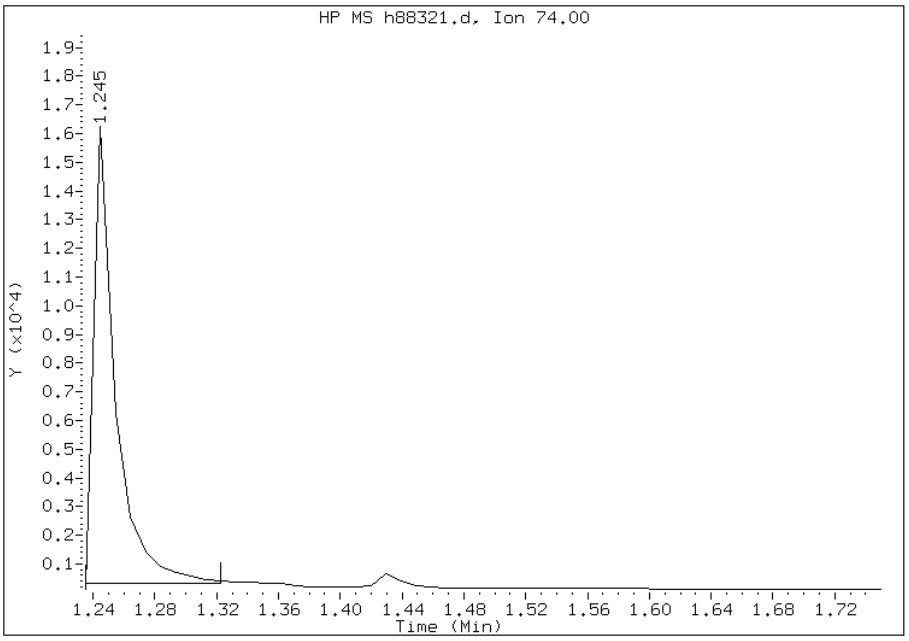
Manual Integration Results

RT: 1.24

Response: 15371

Amount: 2

Conc: 2



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/h88322.d
Report Date: 19-May-2010 10:55

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/h88322.d
Lab Smp Id: IC-445902
Inj Date : 19-MAY-2010 02:48
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : IC-445902
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/simpah.m
Meth Date : 19-May-2010 09:38 czhao Quant Type: ISTD
Cal Date : 19-MAY-2010 02:48 Cal File: h88322.d
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.303	1.245	(0.369)	88308	5.00000	6.0(AH)
*	79 1,4-Dichlorobenzene-d4	152	3.536	3.536	(1.000)	31383	1.00000	
*	80 Naphthalene-d8	136	4.837	4.827	(1.000)	99155	1.00000	
	31 Naphthalene	128	4.846	4.847	(1.002)	243105	2.00000	2.0(A)
	39 Acenaphthylene	152	6.432	6.432	(0.978)	181121	2.00000	2.0(A)
*	82 Acenaphthene-d10	164	6.578	6.578	(1.000)	41544	1.00000	
	42 Acenaphthene	154	6.607	6.607	(1.004)	102305	2.00000	2.0(A)
	47 Fluorene	166	7.114	7.114	(1.081)	107736	2.00000	2.0(A)
	51 Hexachlorobenzene	284	7.659	7.660	(0.954)	69141	5.00000	4.7
	14 Pentachlorophenol	266	7.864	7.864	(0.979)	17328	5.00000	6.5(AM)
*	83 Phenanthrene-d10	188	8.030	8.030	(1.000)	44121	1.00000	
	52 Phenanthrene	178	8.049	8.049	(1.002)	119269	2.00000	2.0
	53 Anthracene	178	8.098	8.098	(1.008)	106870	2.00000	2.0(A)
	56 Fluoranthene	202	9.198	9.198	(1.145)	82384	2.00000	2.0(A)
	57 Pyrene	202	9.415	9.415	(0.886)	82435	2.00000	1.9

Data File: /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/h88322.d
Report Date: 19-May-2010 10:55

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	61 Benzo(a)anthracene	228	10.613	10.613	(0.999)	46453	2.00000	2.0
*	81 Chrysene-d12	240	10.621	10.621	(1.000)	18687	1.00000	
	62 Chrysene	228	10.645	10.653	(1.002)	50980	2.00000	2.0
	65 Benzo(b)fluoranthene	252	11.843	11.843	(0.962)	36470	2.00000	2.4(A)
	66 Benzo(k)fluoranthene	252	11.875	11.876	(0.965)	38470	2.00000	2.4(A)
	67 Benzo(a)pyrene	252	12.237	12.238	(0.994)	27360	2.00000	2.2(A)
*	84 Perylene-d12	264	12.310	12.310	(1.000)	9329	1.00000	
	68 Indeno(1,2,3-cd)pyrene	276	13.637	13.637	(1.108)	20133	2.00000	2.0(A)
	69 Dibenz(a,h)anthracene	278	13.677	13.677	(1.111)	20749	2.00000	2.1(A)
	70 Benzo(g,h,i)perylene	276	13.950	13.958	(1.133)	22330	2.00000	2.0

QC Flag Legend

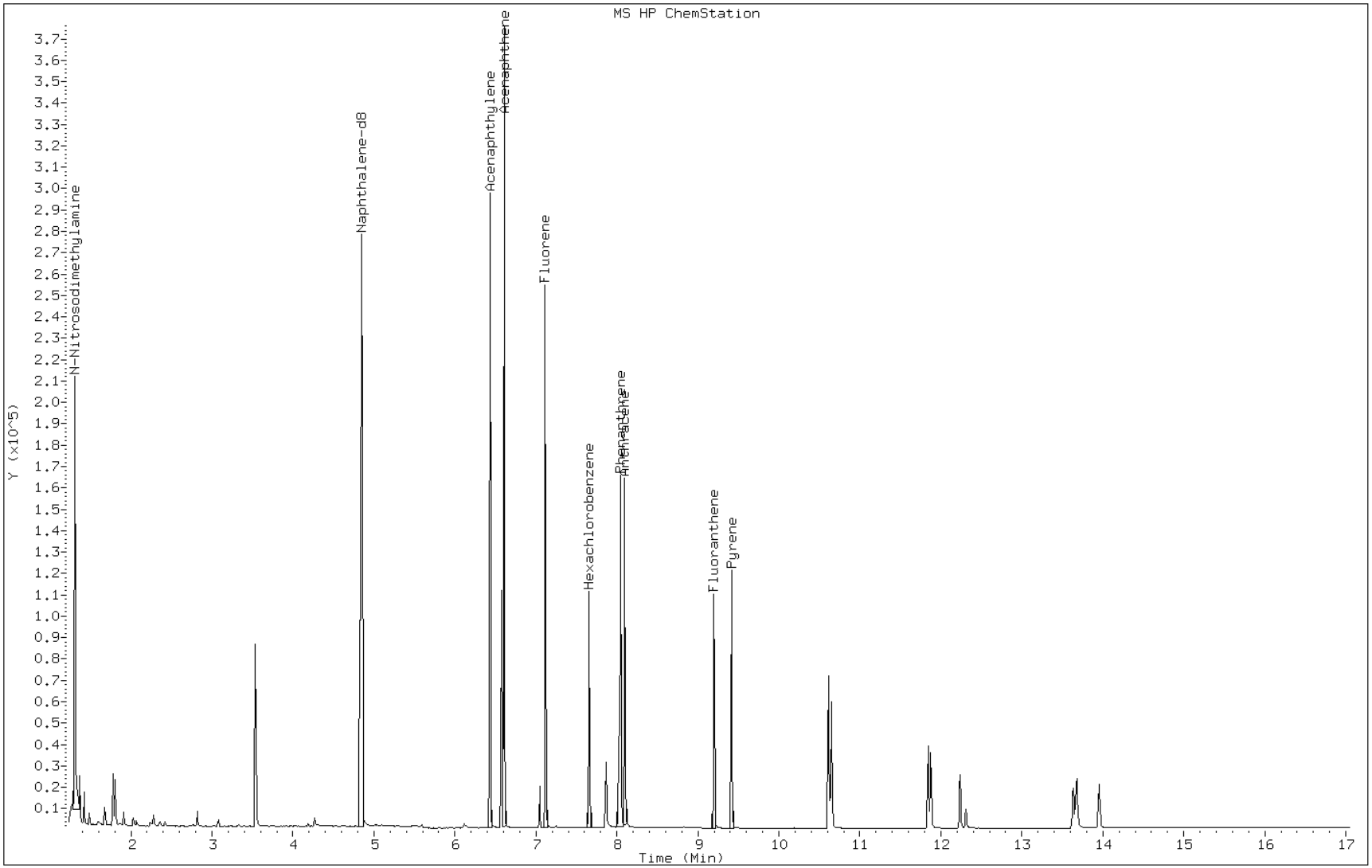
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: h88322.d

Date: 19-MAY-2010 02:48

Client ID: Instrument: BNAMS9.i

Sample Info: IC-445902 Operator: BNAMS 4



Manual Integration Report

Data File: h88322.d
Inj. Date and Time: 19-MAY-2010 02:48
Instrument ID: BNAMS9.i
Client ID:
Compound: 14 Pentachlorophenol
CAS #: 87-86-5
Report Date: 05/19/2010

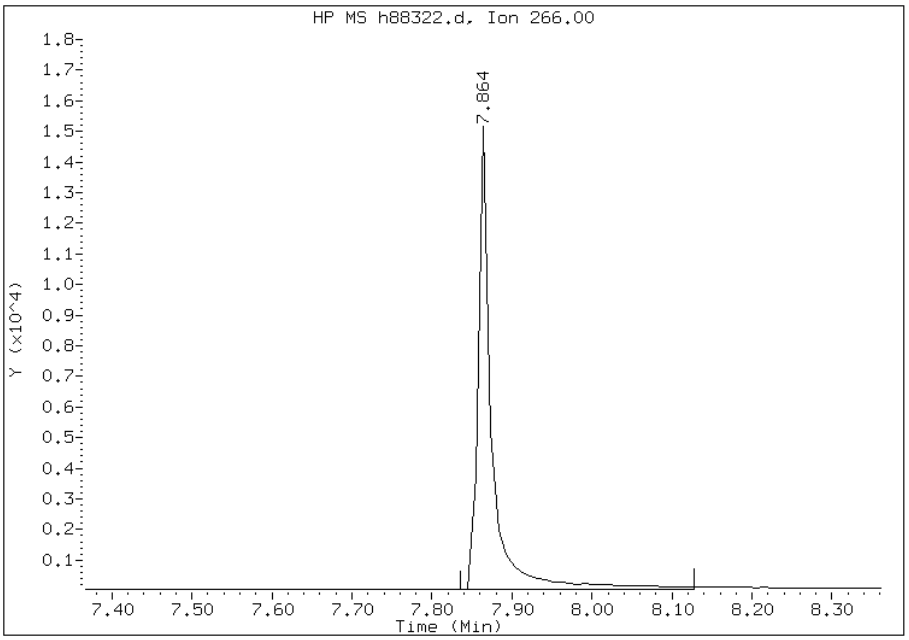
Processing Integration Results

RT: 7.86

Response: 18721

Amount: 7

Conc: 7



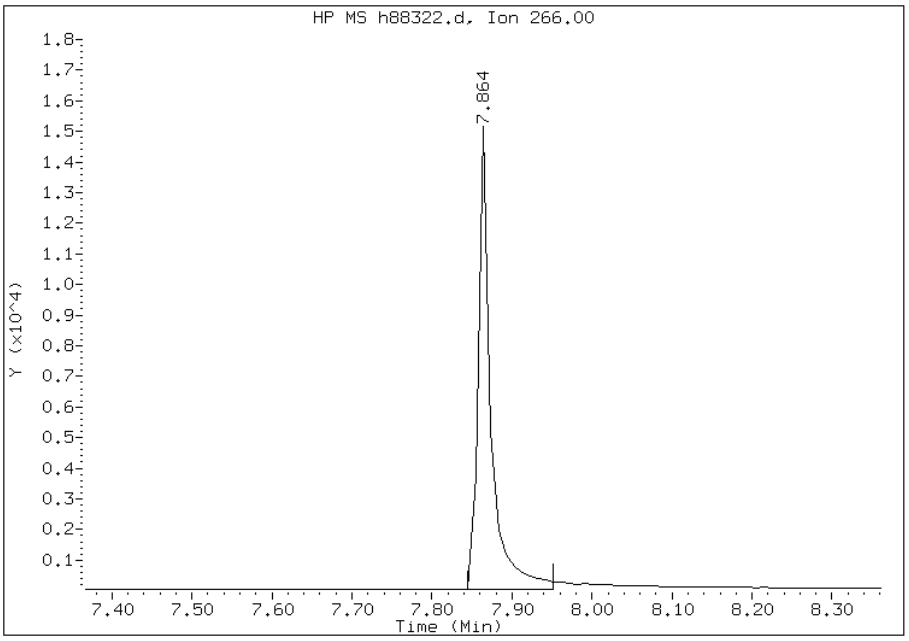
Manual Integration Results

RT: 7.86

Response: 17328

Amount: 7

Conc: 7



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab Sample ID: CCVIS 460-38176/2 Calibration Date: 05/21/2010 09:51

Instrument ID: BNAMS9 Calib Start Date: 05/19/2010 00:34

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 05/19/2010 02:48

Lab File ID: h88377.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.4656	0.4455		478	500	-4.3	20.0
Naphthalene	Ave	1.193	1.200		101	100	0.6	20.0
Acenaphthylene	Ave	2.122	2.054		96.8	100	-3.2	20.0
Acenaphthene	Ave	1.209	1.211		100	100	0.1	20.0
Fluorene	Ave	1.285	1.248		97.1	100	-2.9	20.0
Hexachlorobenzene	Ave	0.3329	0.3536		106	100	6.2	20.0
Pentachlorophenol	QuaF	0.0592	0.0590		403	500	-19.3	20.0
Phenanthrene	Ave	1.371	1.359		99.1	100	-0.9	20.0
Anthracene	Ave	1.185	1.098		92.7	100	-7.3	20.0
Fluoranthene	Ave	0.9233	0.8152		88.3	100	-11.7	20.0
Pyrene	Ave	2.315	2.118		91.5	100	-8.5	20.0
Benzo[a]anthracene	Ave	1.269	1.092		86.0	100	-14.0	20.0
Chrysene	Ave	1.371	1.379		101	100	0.5	20.0
Benzo[b]fluoranthene	Ave	1.618	1.542		95.3	100	-4.7	20.0
Benzo[k]fluoranthene	Ave	1.704	1.491		87.5	100	-12.5	20.0
Benzo[a]pyrene	Ave	1.310	1.125		85.8	100	-14.2	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.060	1.009		95.2	100	-4.8	20.0
Dibenz(a,h)anthracene	Ave	1.040	0.9827		94.5	100	-5.5	20.0
Benzo[g,h,i]perylene	Ave	1.217	1.220		100	100	0.3	20.0

Data File: /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/h88377.d
Report Date: 21-May-2010 11:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/h88377.d
Lab Smp Id: CCVIS-445844
Inj Date : 21-MAY-2010 09:51
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : CCVIS-445844
Misc Info : bna-4465
Comment :
Method : /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/simpah.m
Meth Date : 21-May-2010 11:16 czhao Quant Type: ISTD
Cal Date : 19-MAY-2010 02:22 Cal File: h88321.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	19 N-Nitrosodimethylamine	74	1.313	1.313	(0.373)	8979	0.50000	0.48
*	79 1,4-Dichlorobenzene-d4	152	3.516	3.516	(1.000)	40309	1.00000	
*	80 Naphthalene-d8	136	4.808	4.808	(1.000)	134177	1.00000	
	31 Naphthalene	128	4.827	4.827	(1.004)	16101	0.10000	0.10
	39 Acenaphthylene	152	6.412	6.412	(0.978)	11157	0.10000	0.097
*	82 Acenaphthene-d10	164	6.559	6.559	(1.000)	54315	1.00000	
	42 Acenaphthene	154	6.588	6.588	(1.004)	6576	0.10000	0.10
	47 Fluorene	166	7.094	7.094	(1.082)	6776	0.10000	0.097
	51 Hexachlorobenzene	284	7.640	7.640	(0.955)	1895	0.10000	0.11
	14 Pentachlorophenol	266	7.845	7.845	(0.980)	1581	0.50000	0.40
*	83 Phenanthrene-d10	188	8.001	8.001	(1.000)	53596	1.00000	
	52 Phenanthrene	178	8.030	8.030	(1.004)	7284	0.10000	0.099
	53 Anthracene	178	8.078	8.078	(1.010)	5886	0.10000	0.093
	56 Fluoranthene	202	9.182	9.182	(1.148)	4369	0.10000	0.088
	57 Pyrene	202	9.391	9.391	(0.886)	4232	0.10000	0.091

Data File: /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/h88377.d
Report Date: 21-May-2010 11:16

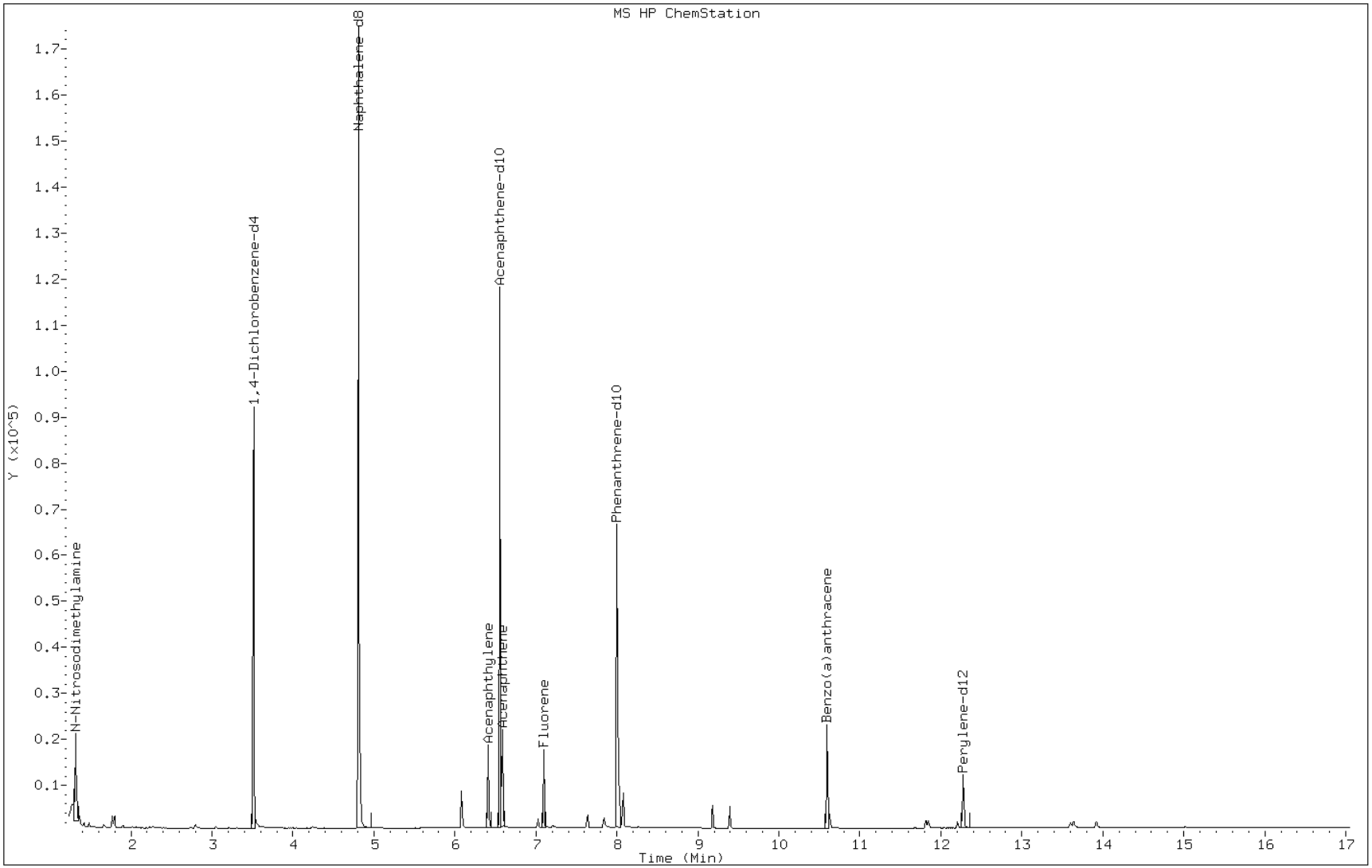
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	61 Benzo(a)anthracene	228	10.589	10.589	(0.999)	2183	0.10000	0.086
*	81 Chrysene-d12	240	10.597	10.597	(1.000)	19985	1.00000	
	62 Chrysene	228	10.621	10.621	(1.002)	2755	0.10000	0.10
	65 Benzo(b)fluoranthene	252	11.811	11.811	(0.962)	1999	0.10000	0.095
	66 Benzo(k)fluoranthene	252	11.843	11.843	(0.965)	1933	0.10000	0.087
	67 Benzo(a)pyrene	252	12.205	12.205	(0.994)	1458	0.10000	0.086
*	84 Perylene-d12	264	12.278	12.278	(1.000)	12965	1.00000	
	68 Indeno(1,2,3-cd)pyrene	276	13.604	13.604	(1.108)	1308	0.10000	0.095
	69 Dibenz(a,h)anthracene	278	13.645	13.645	(1.111)	1274	0.10000	0.094
	70 Benzo(g,h,i)perylene	276	13.918	13.918	(1.134)	1582	0.10000	0.10

Data File: h88377.d

Date: 21-MAY-2010 09:51

Client ID: Instrument: BNAMS9.i

Sample Info: CCVIS-445844 Operator: BNAMS 4



Data File: /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/h88316.d
Report Date: 19-May-2010 02:06

TestAmerica

Data file : /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/h88316.d
Lab Smp Id: DFTPP-459998
Inj Date : 19-MAY-2010 00:15
Operator : BNAMS3 Inst ID: BNAMS9.i
Smp Info : DFTPP-459998
Misc Info : bna-4472
Comment   :
Method   : /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/BNADFTPP.m
Meth Date : 12-Apr-2010 12:13 czhao Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.350	4.701	-0.351	198	33604			0.00- 100.00	100.00
4.350	4.701	-0.351	51	16541			30.00- 60.00	49.22
4.350	4.701	-0.351	68	0			0.00- 2.00	0.00
4.350	4.701	-0.351	69	14603			0.00- 0.00	43.46
4.350	4.701	-0.351	70	0			0.00- 2.00	0.00
4.350	4.701	-0.351	127	18682			40.00- 60.00	55.59
4.350	4.701	-0.351	197	0			0.00- 1.00	0.00
4.350	4.701	-0.351	199	1987			5.00- 9.00	5.91
4.350	4.701	-0.351	275	7685			10.00- 30.00	22.87
4.350	4.701	-0.351	365	376			1.00- 0.00	1.12
4.350	4.701	-0.351	441	3357			0.01- 100.00	72.71
4.350	4.701	-0.351	442	22916			40.00- 110.00	68.19
4.350	4.701	-0.351	443	4617			17.00- 23.00	20.15

Data File: h88316.d

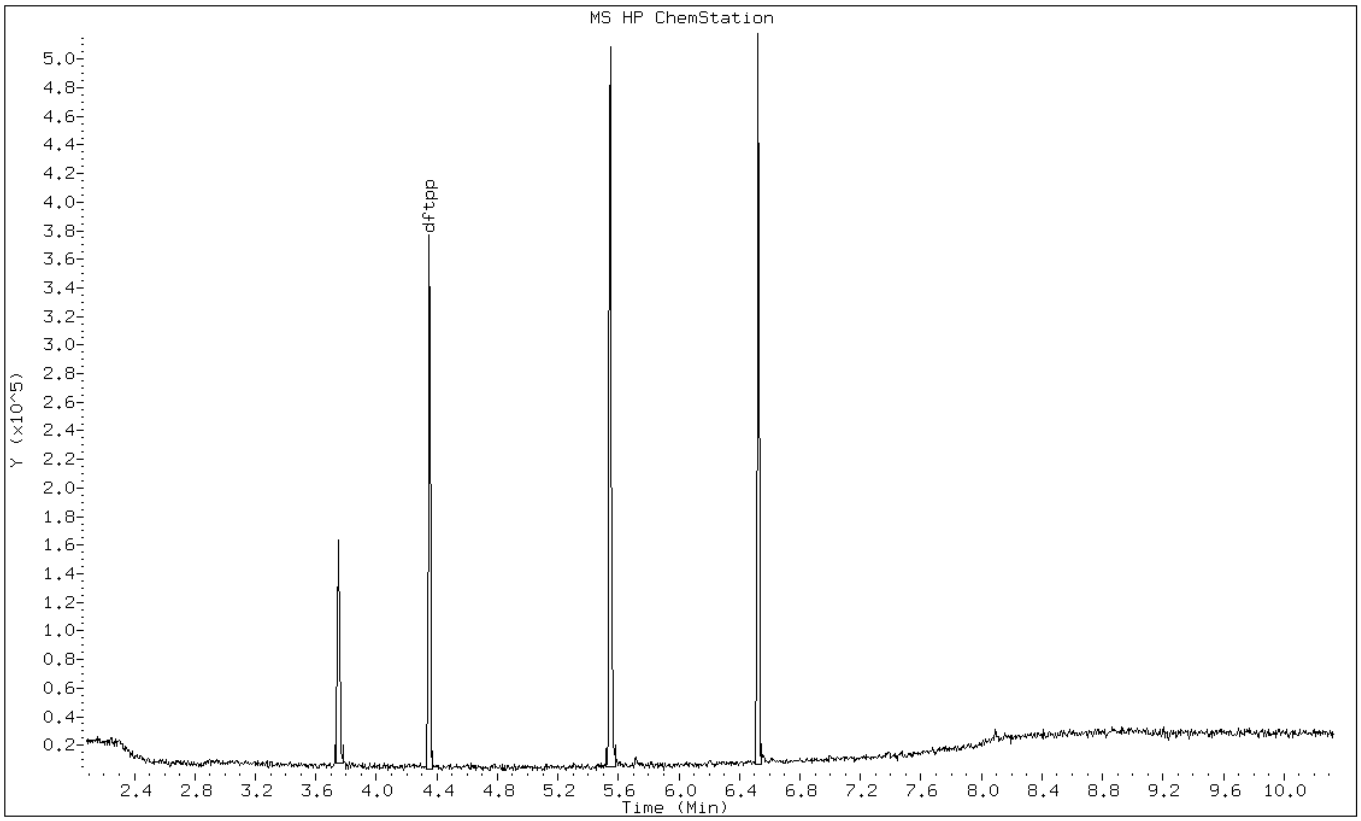
Date: 19-MAY-2010 00:15

Client ID:

Instrument: BNAMS9.i

Sample Info: DFTPP-459998

Operator: BNAMS3



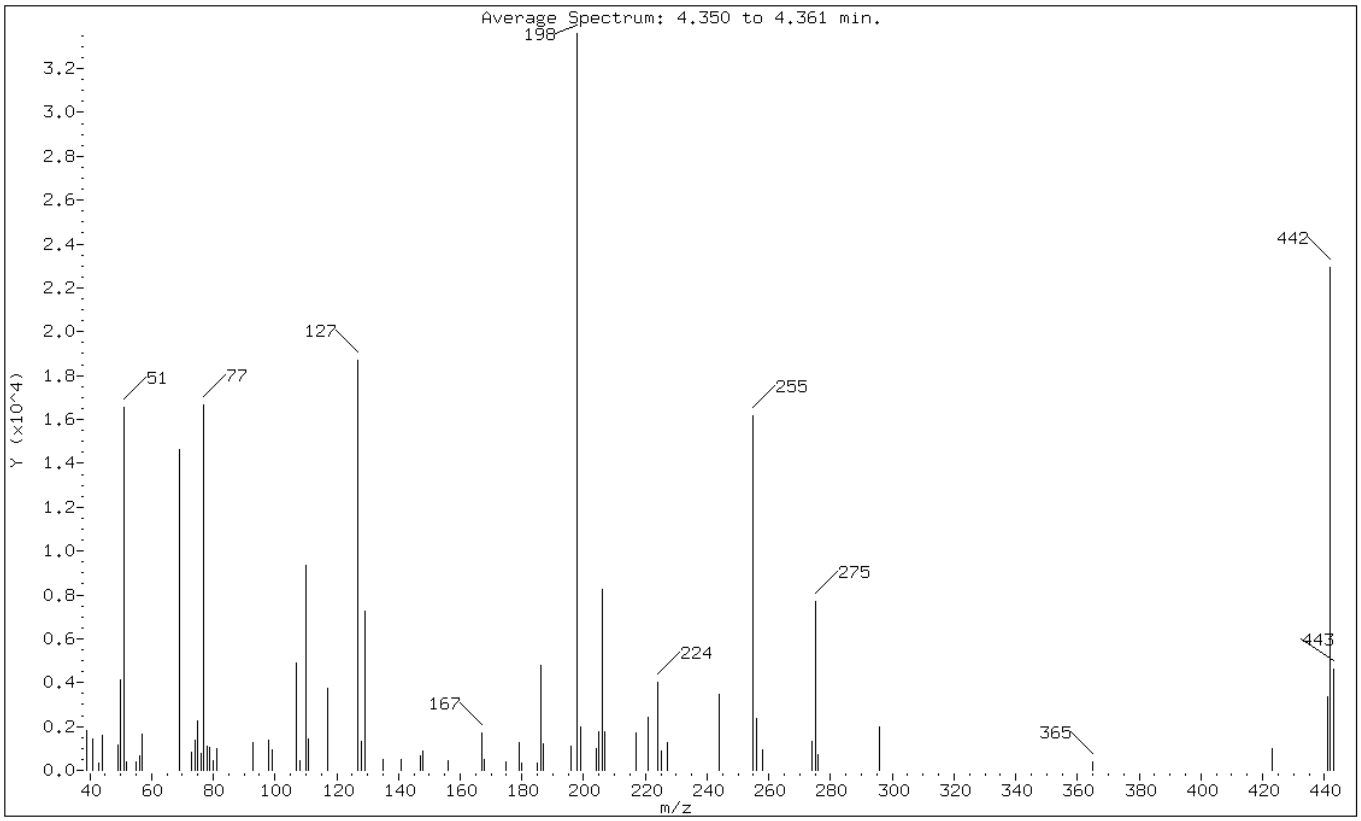
Data File: h88316.d

Date: 19-MAY-2010 00:15

Client ID: Instrument: BNAMS9.i

Sample Info: DFTPP-459998 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	49.22
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	43.46
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	55.59
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	5.91
275	10.00 - 30.00% of mass 198	22.87
365	Greater than 1.00% of mass 198	1.12
441	0.01 - 100.00% of mass 443	9.99 (72.71)
442	40.00 - 110.00% of mass 198	68.19
443	17.00 - 23.00% of mass 442	13.74 (20.15)

Data File: h88316.d

Date: 19-MAY-2010 00:15

Client ID: Instrument: BNAMS9.i

Sample Info: DFTPP-459998 Operator: BNAMS3

Data File: /chem/BNAMS9.i/SIMT/05-18-10/18may10.b/h88316.d
Spectrum: Average Spectrum: 4.350 to 4.361 min.
Location of Maximum: 198.00
Number of points: 70

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1807	79.00	1027	156.00	456	224.00	4038
41.00	1456	80.00	427	167.00	1721	225.00	868
43.00	348	81.00	985	168.00	491	227.00	1286
44.00	1585	93.00	1253	175.00	391	244.00	3449
49.00	1157	98.00	1368	179.00	1245	255.00	16192
50.00	4147	99.00	961	180.00	347	256.00	2362
51.00	16536	107.00	4911	185.00	356	258.00	942
52.00	370	108.00	450	186.00	4762	274.00	1294
55.00	378	110.00	9374	187.00	1189	275.00	7685
56.00	687	111.00	1408	196.00	1116	276.00	738
57.00	1646	117.00	3750	198.00	33600	296.00	2005
69.00	14603	127.00	18680	199.00	1987	365.00	376
73.00	806	128.00	1346	204.00	1009	423.00	983
74.00	1402	129.00	7240	205.00	1760	441.00	3357
75.00	2252	135.00	471	206.00	8268	442.00	22912
76.00	748	141.00	478	207.00	1741	443.00	4617
77.00	16656	147.00	680	217.00	1723		
78.00	1086	148.00	855	221.00	2430		

Data File: /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/h88376.d
Report Date: 21-May-2010 10:47

TestAmerica

Data file : /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/h88376.d
Lab Smp Id: DFTPP-459998
Inj Date : 21-MAY-2010 09:31
Operator : BNA2 Inst ID: BNAMS9.i
Smp Info : DFTPP-459998
Misc Info : bna-4472
Comment :
Method : /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/BNADFTPP.m
Meth Date : 12-Apr-2010 12:13 czhao Quant Type: ESTD
Cal Date : 11-JAN-2010 13:45 Cal File: h85796.d
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: hpd1

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.334	4.701	-0.367	198	55416			0.00- 100.00	100.00
4.334	4.701	-0.367	51	26691			30.00- 60.00	48.16
4.334	4.701	-0.367	68	0			0.00- 2.00	0.00
4.334	4.701	-0.367	69	22666			0.00- 0.00	40.90
4.334	4.701	-0.367	70	0			0.00- 2.00	0.00
4.334	4.701	-0.367	127	32168			40.00- 60.00	58.05
4.334	4.701	-0.367	197	0			0.00- 1.00	0.00
4.334	4.701	-0.367	199	3892			5.00- 9.00	7.02
4.334	4.701	-0.367	275	13044			10.00- 30.00	23.54
4.334	4.701	-0.367	365	1648			1.00- 0.00	2.97
4.334	4.701	-0.367	441	6036			0.01- 100.00	78.06
4.334	4.701	-0.367	442	40202			40.00- 110.00	72.55
4.334	4.701	-0.367	443	7733			17.00- 23.00	19.24

Data File: h88376.d

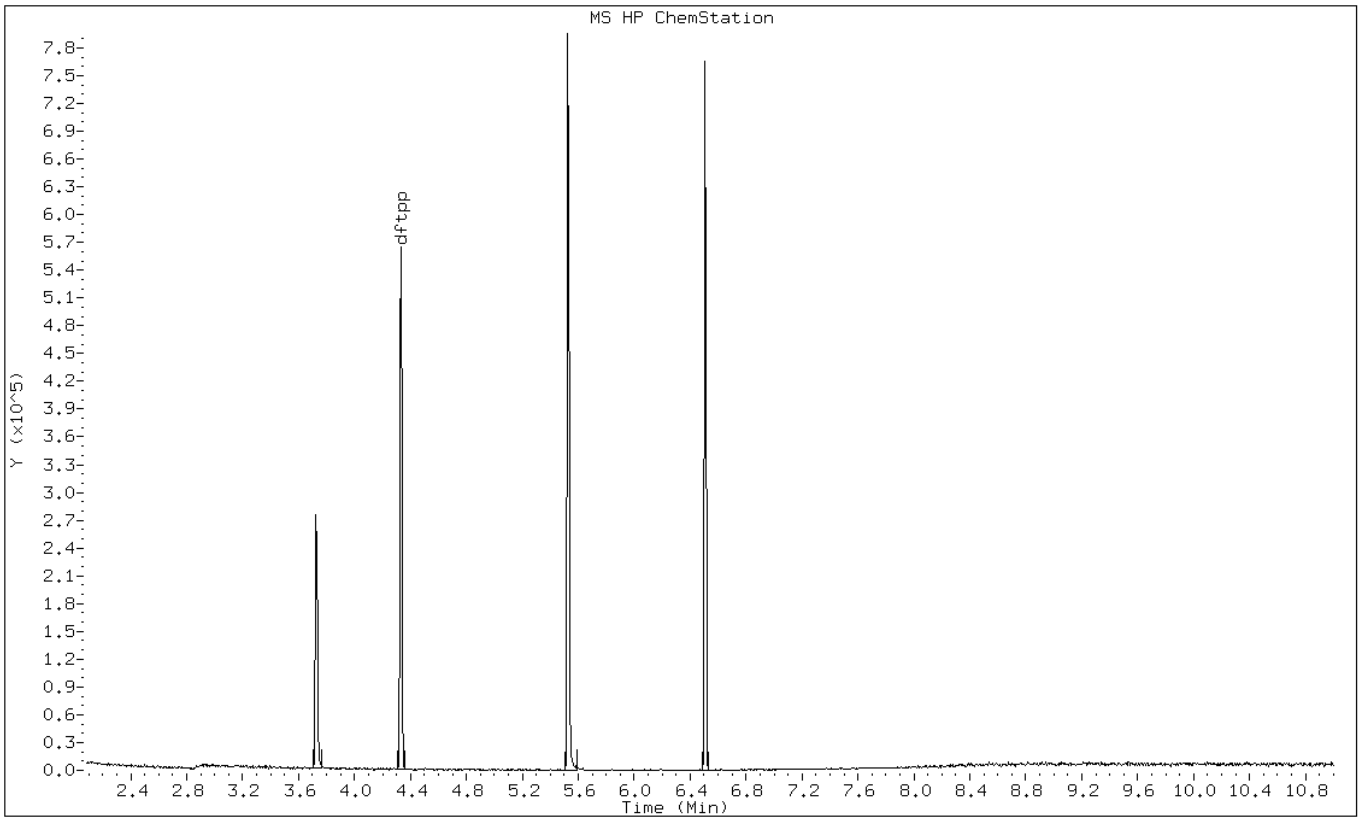
Date: 21-MAY-2010 09:31

Client ID:

Instrument: BNAMS9.i

Sample Info: DFTPP-459998

Operator: BNA2



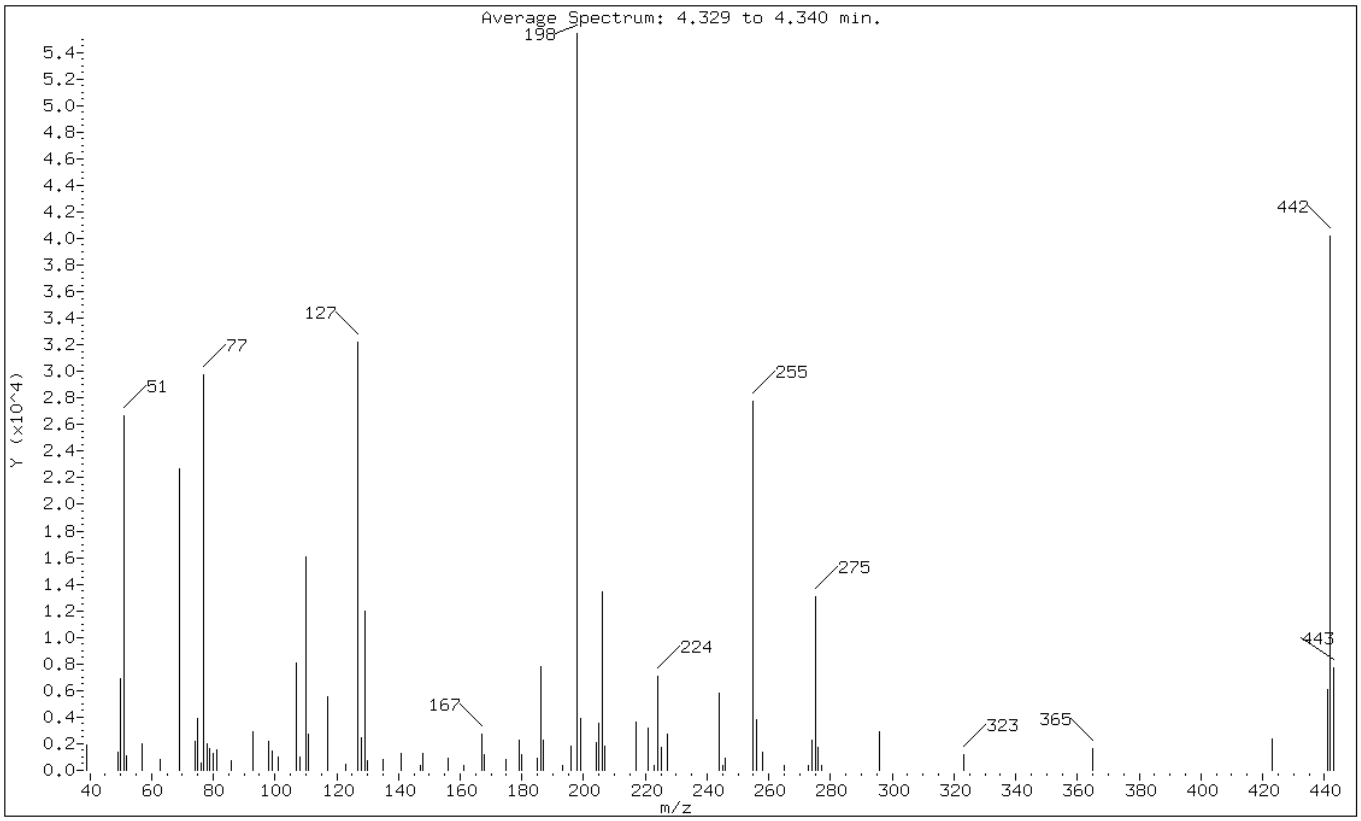
Data File: h88376.d

Date: 21-MAY-2010 09:31

Client ID: Instrument: BNAMS9.i

Sample Info: DFTPP-459998 Operator: BNA2

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	48.16
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	40.90
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	58.05
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.02
275	10.00 - 30.00% of mass 198	23.54
365	Greater than 1.00% of mass 198	2.97
441	0.01 - 100.00% of mass 443	10.89 (78.06)
442	40.00 - 110.00% of mass 198	72.55
443	17.00 - 23.00% of mass 442	13.95 (19.24)

Data File: h88376.d

Date: 21-MAY-2010 09:31

Client ID: Instrument: BNAMS9.i

Sample Info: DFTPP-459998 Operator: BNA2

Data File: /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/h88376.d
Spectrum: Average Spectrum: 4.329 to 4.340 min.
Location of Maximum: 198.00
Number of points: 78

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1947	101.00	980	179.00	2260	245.00	384
49.00	1378	107.00	8112	180.00	1142	246.00	870
50.00	6897	108.00	1025	185.00	883	255.00	27760
51.00	26688	110.00	16040	186.00	7791	256.00	3781
52.00	1073	111.00	2724	187.00	2261	258.00	1400
57.00	1988	117.00	5569	193.00	378	265.00	392
63.00	842	123.00	459	196.00	1834	273.00	387
69.00	22664	127.00	32168	198.00	55416	274.00	2236
74.00	2145	128.00	2466	199.00	3892	275.00	13044
75.00	3891	129.00	11952	204.00	2093	276.00	1696
76.00	509	130.00	725	205.00	3506	277.00	389
77.00	29712	135.00	792	206.00	13399	296.00	2869
78.00	1998	141.00	1308	207.00	1853	323.00	1200
79.00	1629	147.00	399	217.00	3589	365.00	1648
80.00	1294	148.00	1236	221.00	3205	423.00	2314
81.00	1526	156.00	895	223.00	370	441.00	6036
86.00	734	161.00	383	224.00	7059	442.00	40200
93.00	2881	167.00	2693	225.00	1712	443.00	7733
98.00	2185	168.00	1224	227.00	2707		
99.00	1407	175.00	820	244.00	5791		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-13279-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-37941/1-A

Matrix: Water | Lab File ID: h88378.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/20/2010 17:02

Sample wt/vol: 1000(mL) | Date Analyzed: 05/21/2010 10:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38176 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.020
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.030
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.040
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/h88378.d
Report Date: 21-May-2010 11:42

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/h88378.d
Lab Smp Id: MB 460-37941/1-A
Inj Date : 21-MAY-2010 10:17
Operator : BNAMS 4 Inst ID: BNAMS9.i
Smp Info : MB 460-37941/1-A
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/05-18-10/21may10.b/simpah.m
Meth Date : 21-May-2010 11:16 czhao Quant Type: ISTD
Cal Date : 19-MAY-2010 02:22 Cal File: h88321.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)	
* 79 1,4-Dichlorobenzene-d4	152	3.516	3.516	(1.000)	42764	1.00000		
* 80 Naphthalene-d8	136	4.808	4.808	(1.000)	135000	1.00000		
* 82 Acenaphthene-d10	164	6.558	6.559	(1.000)	54312	1.00000		
* 83 Phenanthrene-d10	188	8.001	8.001	(1.000)	57761	1.00000		
* 81 Chrysene-d12	240	10.597	10.597	(1.000)	25397	1.00000		(M)
* 84 Perylene-d12	264	12.278	12.278	(1.000)	17327	1.00000		

QC Flag Legend

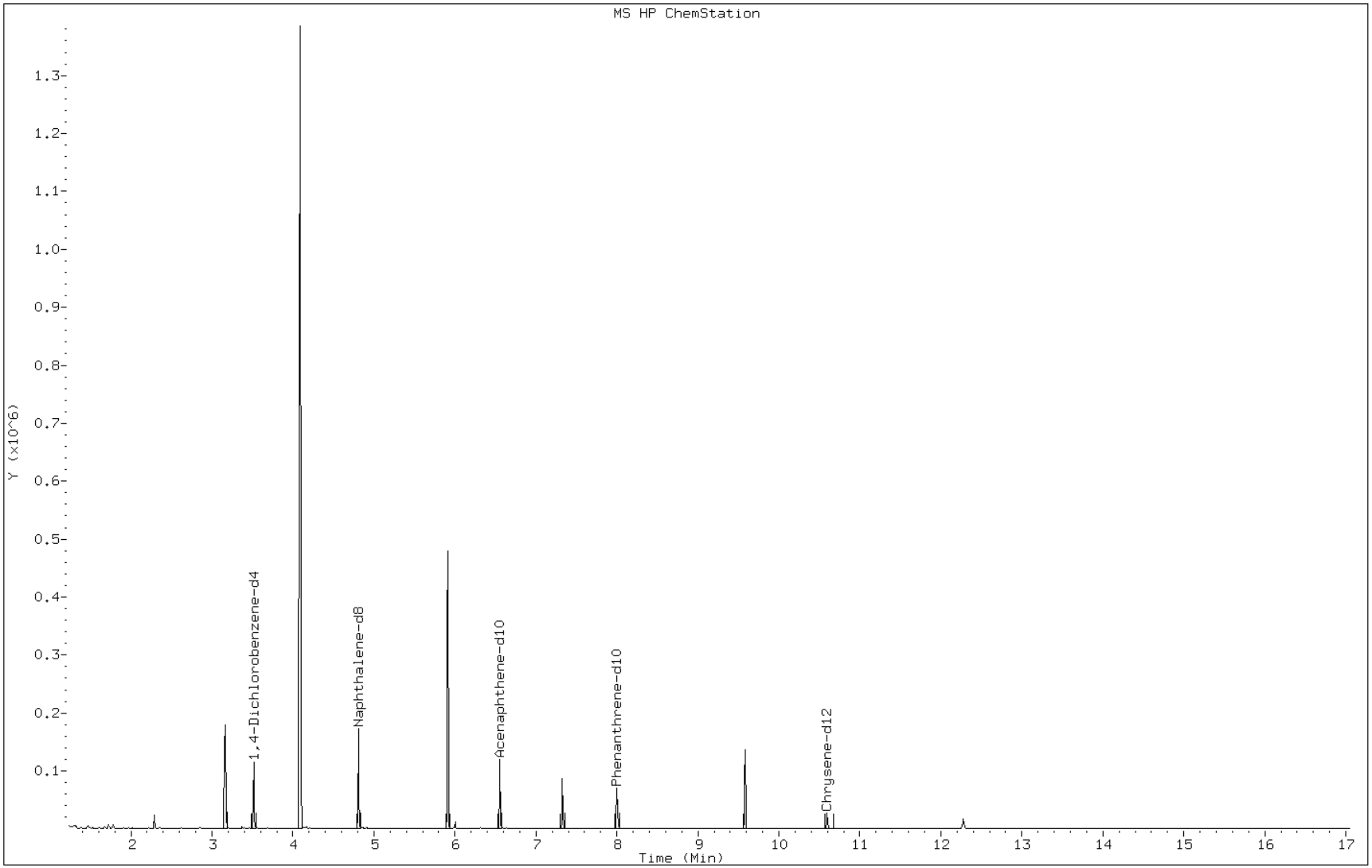
M - Compound response manually integrated.

Data File: h88378.d

Date: 21-MAY-2010 10:17

Client ID: Instrument: BNAMS9.i

Sample Info: MB 460-37941/1-A Operator: BNAMS 4



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Instrument ID: BNAMS9 Start Date: 05/19/2010 00:15

Analysis Batch Number: 37804 End Date: 05/19/2010 11:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-37804/1		05/19/2010 00:15	1	h88316.d	Rtx-5MS 0.25(mm)
ICIS 460-37804/2		05/19/2010 00:34	1	h88317.d	Rtx-5MS 0.25(mm)
IC 460-37804/3		05/19/2010 01:05	1	h88318.d	Rtx-5MS 0.25(mm)
IC 460-37804/4		05/19/2010 01:30	1	h88319.d	Rtx-5MS 0.25(mm)
IC 460-37804/5		05/19/2010 01:56	1	h88320.d	Rtx-5MS 0.25(mm)
IC 460-37804/6		05/19/2010 02:22	1	h88321.d	Rtx-5MS 0.25(mm)
IC 460-37804/7		05/19/2010 02:48	1	h88322.d	Rtx-5MS 0.25(mm)
ZZZZZ		05/19/2010 03:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/19/2010 04:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/19/2010 04:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/19/2010 05:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/19/2010 05:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/19/2010 06:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/19/2010 06:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/19/2010 07:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/19/2010 07:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/19/2010 07:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/19/2010 08:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/19/2010 08:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/19/2010 11:03	50		Rtx-5MS 0.25(mm)
ZZZZZ		05/19/2010 11:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/19/2010 11:55	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Instrument ID: BNAMS9 Start Date: 05/21/2010 09:31

Analysis Batch Number: 38176 End Date: 05/21/2010 17:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-38176/1		05/21/2010 09:31	1	h88376.d	Rtx-5MS 0.25(mm)
CCVIS 460-38176/2		05/21/2010 09:51	1	h88377.d	Rtx-5MS 0.25(mm)
MB 460-37941/1-A		05/21/2010 10:17	1	h88378.d	Rtx-5MS 0.25(mm)
460-13279-1	EB-017338-051810-ACH-01	05/21/2010 10:42	1	h88379.d	Rtx-5MS 0.25(mm)
460-13279-2	GW-017338-051810-ACH-02	05/21/2010 11:08	1	h88380.d	Rtx-5MS 0.25(mm)
460-13279-3	GW-017338-051810-ACH-03	05/21/2010 11:34	1	h88381.d	Rtx-5MS 0.25(mm)
460-13279-4	GW-017338-051810-ACH-04	05/21/2010 11:59	1	h88382.d	Rtx-5MS 0.25(mm)
460-13279-5	GW-017338-051810-ACH-05	05/21/2010 12:24	1	h88383.d	Rtx-5MS 0.25(mm)
ZZZZZ		05/21/2010 13:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/21/2010 13:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/21/2010 15:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/21/2010 16:09	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/21/2010 16:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/21/2010 17:01	1		Rtx-5MS 0.25(mm)
ZZZZZ		05/21/2010 17:26	1		Rtx-5MS 0.25(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS9.i

Analytical Batch: /chem/BNAMS9.i/SIMT/05-18-10/18may10.b

Date Generated: 05/19/2010

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
05/19/10 0015	h88316.d	1	DFTPP-459998			0	0	1	2.0	all	4472	G
05/19/10 0034	h88317.d	2	ICIS-445844			1000	2	1	1.0	all	4465	G
05/19/10 0105	h88318.d	3	IC-445845			1000	2	1	1.0	all		G Sim
05/19/10 0130	h88319.d	4	IC-445847			1000	2	1	1.0	all		G
05/19/10 0156	h88320.d	5	IC-445900			1000	2	1	1.0	all		G
05/19/10 0222	h88321.d	6	IC-445901			1000	2	1	1.0	all		G
05/19/10 0248	h88322.d	7	IC-445902			1000	2	1	1.0	all		G
05/19/10 0313	h88323.d	8	icv	18may10		1000	1	1	1.0	all	4464	G
05/19/10 0339	h88324.d	9	460-12977-H-1-A	460-37018		960	2	1	1.0	all		G
05/19/10 0405	h88325.d	10	460-12977-H-2-A	460-37018		980	2	1	1.0	all		WG
05/19/10 0431	h88326.d	11	460-12977-G-4-A	460-37018		960	2	1	1.0	all		G
05/19/10 0456	h88327.d	12	460-12977-H-5-A	460-37018		950	2	1	1.0	all		G
05/19/10 0522	h88328.d	13	460-12977-G-6-A	460-37018		950	2	1	1.0	all		G
05/19/10 0547	h88329.d	14	460-12987-A-1-A	460-37142		980	2	1	1.0	all		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS9.i

Analytical Batch: /chem/BNAMS9.i/SIMT/05-18-10/18may10.b

Date Generated: 05/19/2010

Page 2

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
05/19/10 0614	h88330.d	15	460-12987-A-3-A	460-37142		1000	2	1	1.0	all		G
05/19/10 0639	h88331.d	16	460-12987-A-4-A	460-37142		1000	2	1	1.0	all		G
05/19/10 0705	h88332.d	17	460-12987-A-5-A	460-37142		990	2	1	1.0	all		G
05/19/10 0730	h88333.d	18	460-13074-E-2-A	460-37389		990	2	1	1.0	all		G
05/19/10 0756	h88334.d	19	460-13080-D-4-A	460-37501		950	2	1	1.0	all		G
05/19/10 0822	h88335.d	20	460-13080-D-5-A	460-37501		900	2	1	1.0	all		G
05/19/10 0848	h88336.d	21	MB 460-37501/1-A	18may10		1000	2	1	1.0	all		G
05/19/10 0914	h88337.d	22	460-12971-D-10-A	460-37510		980	2	50	1.0	all		WG
05/19/10 0940	h88338.d	23	460-12971-D-10-A	460-37510		980	2	100	1.0	all		WG
05/19/10 1103	h88339.d	24	460-12971-D-10-A	460-37510		980	2	50	1.0	all		G
05/19/10 1130	h88340.d	25	MB 460-37555/1-A	18may10		1000	2	1	1.0	all		G
05/19/10 1155	h88341.d	26	460-13092-E-1-A	460-37555		990	2	1	1.0	all		G

Signed: [signature] Read and Understood by: [signature]

Date: 5/19/10 Date: 5-20-10

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS9.i

Analytical Batch: /chem/BNAMS9.i/SIMT/05-18-10/21may10.b

Date Generated: 05/24/2010

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
05/21/10 0931	h88376.d	1	DFTPP-459998			0	0	1	2.0	all	4472	G
05/21/10 0951	h88377.d	2	CCVIS-445844			1000	2	1	1.0	all	4465	G Sim
05/21/10 1017	h88378.d	3	MB 460-37941/1-A	21may10		1000	2	1	1.0	all		G
05/21/10 1042	h88379.d	4	460-13279-E-1-A	460-37941		970	2	1	1.0	all		G
05/21/10 1108	h88380.d	5	460-13279-E-2-B	460-37941		990	2	1	1.0	all		G
05/21/10 1134	h88381.d	6	460-13279-E-3-A	460-37941		960	2	1	1.0	all		G
05/21/10 1159	h88382.d	7	460-13279-E-4-A	460-37941		960	2	1	1.0	all		G
05/21/10 1224	h88383.d	8	460-13279-F-5-A	460-37941		940	2	1	1.0	all		G
05/21/10 1251	h88384.d	9	CCV-445844			1000	2	1	1.0	all	4465	NG
05/21/10 1316	h88385.d	10	MB 460-37945/1-A	21may10		1000	2	1	1.0	all		G
05/21/10 1342	h88386.d	11	220-12218-A-1-A	460-37945		850	2	1	1.0	all		G
05/21/10 1544	h88387.d	12	MB 460-37977/1-A	21may10		1000	2	1	1.0	all		G
05/21/10 1609	h88388.d	13	460-13316-D-1-A	460-37977		990	2	1	1.0	all		G
05/21/10 1635	h88389.d	14	460-13330-A-1-A	460-37977		800	2	1	1.0	all		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS9.i

Analytical Batch: /chem/BNAMS9.i/SIMT/05-18-10/21may10.b

Date Generated: 05/24/2010

Page 2

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
05/21/10 1701	h88390.d	15	460-13330-B-2-A	460-37977		800	2	1	1.0	all		G
05/21/10 1726	h88391.d	16	460-13370-D-3-A	460-37977		980	2	1	1.0	all		S

Signed: [signature] Read and Understood by: [signature]

Date: 5/24/10 Date: 5-24-10

Organic Prep Worksheet

Batch Number: 460-37941
Method: 3510C
Analyst: Francisco, Alice M

Date Open: May 20 2010 5:02PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	pH of the sample after first adjustment	pH of the sample after the second adjust	OP625/82SP_00016	OP625/82SU_00012
MB~460-37941/1		3510C, 8270C		1000 mL	2 mL	<2	>12		1 mL
LCS~460-37941/2		3510C, 8270C		1000 mL	2 mL	<2	>12	1 mL	1 mL
460-13279-E-2~MS	GW-017338-051810-ACH-02	3510C, 8270C	T	970 mL	2 mL	<2	>12	1 mL	1 mL
460-13279-D-2~MSD	GW-017338-051810-ACH-02	3510C, 8270C	T	990 mL	2 mL	<2	>12	1 mL	1 mL
460-13279-E-1	EB-017338-051810-ACH-01	3510C, 8270C	T	970 mL	2 mL	<2	>12		1 mL
460-13279-E-2	GW-017338-051810-ACH-02	3510C, 8270C	T	990 mL	2 mL	<2	>12		1 mL
460-13279-E-3	GW-017338-051810-ACH-03	3510C, 8270C	T	960 mL	2 mL	<2	>12		1 mL
460-13279-E-4	GW-017338-051810-ACH-04	3510C, 8270C	T	960 mL	2 mL	<2	>12		1 mL
460-13279-F-5	GW-017338-051810-ACH-05	3510C, 8270C	T	940 mL	2 mL	<2	>12		1 mL

Person's name who did the prep:	AF
Prep Solvent Name:	MeCL2
Prep Solvent Lot #:	J15E03
Prep Solvent Volume Used:	3x60mL mL
Person's name who witnessed reagent drop:	KH
Acid used for pH adjustment:	H2S04
Acid used for pH adjust Lot #:	G35029
Base used for pH adjustment:	NaOH
Base used for pH adjust Lot #:	OP075
Person's name who did the concentration:	AF
Concentration Start Time:	6pm
Concentration End Time:	7pm
Na2SO4 Lot Number:	H52600

Organic Prep Worksheet

Batch Number: 460-37941
Method: 3510C
Analyst: Francisco, Alice M

Date Open: May 20 2010 5:02PM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~460-37941/1		3510C, 8270C		
LCS~460-37941/2		3510C, 8270C		
460-13279-E-2~MS	GW-017338-051810-ACH-02	3510C, 8270C	T	
460-13279-D-2~MSD	GW-017338-051810-ACH-02	3510C, 8270C	T	
460-13279-E-1	EB-017338-051810-ACH-01	3510C, 8270C	T	
460-13279-E-2	GW-017338-051810-ACH-02	3510C, 8270C	T	
460-13279-E-3	GW-017338-051810-ACH-03	3510C, 8270C	T	
460-13279-E-4	GW-017338-051810-ACH-04	3510C, 8270C	T	
460-13279-F-5	GW-017338-051810-ACH-05	3510C, 8270C	T	

Batch Comment: 8270 BNA Water

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-13279-1

SDG No.:

Project: GM Wilmington

Client Sample ID	Lab Sample ID
EB-017338-051810-ACH-01	460-13279-1
GW-017338-051810-ACH-02	460-13279-2
GW-017338-051810-ACH-03	460-13279-3
GW-017338-051810-ACH-04	460-13279-4
GW-017338-051810-ACH-05	460-13279-5

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: EB-017338-051810-ACH-01 Lab Sample ID: 460-13279-1

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG ID.:

Matrix: Water Date Sampled: 05/18/2010 08:40

Reporting Basis: WET Date Received: 05/18/2010 19:05

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	200	200	87.0	ug/L	U		1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	200	200	3.2	ug/L	U		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	5000	5000	72.2	ug/L	U		1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	150	150	40.2	ug/L	U		1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	5000	5000	56.9	ug/L	U		1	6010B
7439-96-5	Manganese	15.0	15.0	2.5	ug/L	U		1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	5000	5000	209	ug/L	U		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	355	5000	341	ug/L	J	B	1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	50.0	50.0	2.0	ug/L	U		1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-051810-ACH-02 Lab Sample ID: 460-13279-2

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG ID.:

Matrix: GW Date Sampled: 05/18/2010 09:30

Reporting Basis: WET Date Received: 05/18/2010 19:05

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	5190	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	474	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	58900	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	3.2	10.0	3.2	ug/L	J		1	6010B
7440-48-4	Cobalt	20.3	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	74500	150	40.2	ug/L			1	6010B
7439-92-1	Lead	7.0	5.0	2.8	ug/L			1	6010B
7439-95-4	Magnesium	36200	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	1990	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	5.0	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	3600	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	93900	5000	341	ug/L		B	1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	5.8	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	10.5	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-051810-ACH-03 Lab Sample ID: 460-13279-3

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG ID.:

Matrix: GW Date Sampled: 05/18/2010 11:00

Reporting Basis: WET Date Received: 05/18/2010 19:05

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	5410	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	222	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	48400	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	8.3	10.0	3.2	ug/L	J		1	6010B
7440-48-4	Cobalt	3.9	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	17.1	25.0	3.6	ug/L	J		1	6010B
7439-89-6	Iron	19000	150	40.2	ug/L			1	6010B
7439-92-1	Lead	7.6	5.0	2.8	ug/L			1	6010B
7439-95-4	Magnesium	22700	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	296	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	5.5	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	7620	5000	209	ug/L			1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	1.5	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	126000	5000	341	ug/L		B	1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	8.4	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	15.4	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.65	0.20	0.18	ug/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-051810-ACH-04 Lab Sample ID: 460-13279-4

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG ID.:

Matrix: GW Date Sampled: 05/18/2010 11:10

Reporting Basis: WET Date Received: 05/18/2010 19:05

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	7580	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	250	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	48300	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	11.4	10.0	3.2	ug/L			1	6010B
7440-48-4	Cobalt	5.7	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	18.0	25.0	3.6	ug/L	J		1	6010B
7439-89-6	Iron	26600	150	40.2	ug/L			1	6010B
7439-92-1	Lead	9.5	5.0	2.8	ug/L			1	6010B
7439-95-4	Magnesium	22700	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	278	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	7.3	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	7610	5000	209	ug/L			1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	1.1	10.0	0.97	ug/L	J		1	6010B
7440-23-5	Sodium	124000	5000	341	ug/L		B	1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	12.4	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	25.8	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.72	0.20	0.18	ug/L			1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-017338-051810-ACH-05 Lab Sample ID: 460-13279-5

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG ID.:

Matrix: GW Date Sampled: 05/18/2010 12:00

Reporting Basis: WET Date Received: 05/18/2010 19:05

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	4460	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.2	5.0	3.8	ug/L			1	6010B
7440-39-3	Barium	219	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	41700	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	5.2	10.0	3.2	ug/L	J		1	6010B
7440-48-4	Cobalt	3.1	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	13.3	25.0	3.6	ug/L	J		1	6010B
7439-89-6	Iron	8700	150	40.2	ug/L			1	6010B
7439-92-1	Lead	6.3	5.0	2.8	ug/L			1	6010B
7439-95-4	Magnesium	12400	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	454	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	3.5	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	4470	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	73800	5000	341	ug/L		B	1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	8.4	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	10.0	30.0	5.8	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.18	ug/L	U		1	7470A

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

ICV Source: ME_CCV_DUO_00013 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00013

Analyte	ICV 460-37970/6 05/20/2010 15:29				CCV 460-37970/18 05/20/2010 16:05				CCV 460-37970/30 05/20/2010 16:40			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	1260		1250	100	1250		1250	100	1280		1250	102
Al	127200		125000	102	126500		125000	101	129100		125000	103
As	2500		2500	100	2480		2500	99	2520		2500	101
Ba	10060		10000	101	10260		10000	103	10340		10000	103
Be	1020		1000	102	1020		1000	102	1040		1000	104
Ca	128800		125000	103	127900		125000	102	129900		125000	104
Cd	1240		1250	99	1240		1250	100	1260		1250	101
Co	2480		2500	99	2520		2500	101	2540		2500	102
Cr	5110		5000	102	5110		5000	102	5260		5000	105
Cu	12650		12500	101	12740		12500	102	12990		12500	104
Fe	102600		100000	103	103900		100000	104	103800		100000	104
K	50800		50000	102	49860		50000	100	50290		50000	101
Mg	124800		125000	100	123300		125000	99	126400		125000	101
Mn	5170		5000	103	5180		5000	104	5310		5000	106
Na	126600		125000	101	125900		125000	101	126600		125000	101
Ni	2480		2500	99	2520		2500	101	2540		2500	102
Pb	7470		7500	100	7540		7500	101	7600		7500	101
Sb	986		1000	99	1000		1000	100	1020		1000	102
Se	2480		2500	99	2500		2500	100	2530		2500	101
Tl	2500		2500	100	2560		2500	102	2570		2500	103
V	2540		2500	102	2520		2500	101	2580		2500	103
Zn	2480		2500	99	2520		2500	101	2540		2500	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

ICV Source: ME_CCV_DUO_00013 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00013

Analyte	CCV 460-37970/42 05/20/2010 17:16											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	1250		1250	100								
Al	126200		125000	101								
As	2460		2500	99								
Ba	10140		10000	101								
Be	1020		1000	102								
Ca	126500		125000	101								
Cd	1230		1250	99								
Co	2480		2500	99								
Cr	5160		5000	103								
Cu	12700		12500	102								
Fe	102000		100000	102								
K	49200		50000	98								
Mg	123800		125000	99								
Mn	5110		5000	102								
Na	124300		125000	99								
Ni	2490		2500	99								
Pb	7440		7500	99								
Sb	993		1000	99								
Se	2480		2500	99								
Tl	2520		2500	101								
V	2520		2500	101								
Zn	2480		2500	99								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

ICV Source: ME_DCAL-IN_00287 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00287

Analyte	ICV 460-37760/7-A 05/19/2010 10:24				CCV 460-37760/8-A 05/19/2010 10:50				CCV 460-37760/8-A 05/19/2010 11:13			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	5.12		5.00	102	5.41		5.00	108	4.80		5.00	96

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-37970/7 05/20/2010 15:32		CCB 460-37970/19 05/20/2010 16:08		CCB 460-37970/31 05/20/2010 16:44		CCB 460-37970/43 05/20/2010 17:20	
		Found	C	Found	C	Found	C	Found	C
Ag	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Al	200	200	U	200	U	200	U	200	U
As	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Ba	200	200	U	200	U	200	U	200	U
Be	2.0	2.0	U	2.0	U	2.0	U	2.0	U
Ca	5000	82.2	J	5000	U	5000	U	5000	U
Cd	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Co	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Cr	10.0	4.62	J	10.0	U	10.0	U	10.0	U
Cu	25.0	6.15	J	25.0	U	25.0	U	25.0	U
Fe	150	78.9	J	150	U	150	U	150	U
K	5000	5000	U	5000	U	5000	U	5000	U
Mg	5000	108	J	5000	U	5000	U	5000	U
Mn	15.0	4.65	J	15.0	U	15.0	U	15.0	U
Na	5000	5000	U	5000	U	5000	U	5000	U
Ni	40.0	40.0	U	40.0	U	40.0	U	40.0	U
Pb	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Sb	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Se	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Tl	10.0	10.0	U	10.0	U	10.0	U	10.0	U
V	50.0	2.40	J	50.0	U	50.0	U	50.0	U
Zn	30.0	30.0	U	30.0	U	30.0	U	30.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-37805/8 05/19/2010 10:26		CCB 460-37760/9-A 05/19/2010 10:51		CCB 460-37760/9-A 05/19/2010 11:15			
		Found	C	Found	C	Found	C	Found	C
Hg	0.20	0.20	U	0.20	U	0.20	U		

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-37871/1-A

Instrument Code: ICP4 Batch No.: 37970

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	200	U		6010B
7440-36-0	Antimony	10.0	U		6010B
7440-38-2	Arsenic	5.0	U		6010B
7440-39-3	Barium	200	U		6010B
7440-41-7	Beryllium	2.0	U		6010B
7440-43-9	Cadmium	5.0	U		6010B
7440-70-2	Calcium	5000	U		6010B
7440-47-3	Chromium	10.0	U		6010B
7440-48-4	Cobalt	50.0	U		6010B
7440-50-8	Copper	25.0	U		6010B
7439-89-6	Iron	150	U		6010B
7439-92-1	Lead	5.0	U		6010B
7439-95-4	Magnesium	5000	U		6010B
7439-96-5	Manganese	15.0	U		6010B
7440-02-0	Nickel	40.0	U		6010B
7440-09-7	Potassium	5000	U		6010B
7782-49-2	Selenium	10.0	U		6010B
7440-22-4	Silver	10.0	U		6010B
7440-23-5	Sodium	536	J		6010B
7440-28-0	Thallium	10.0	U		6010B
7440-62-2	Vanadium	50.0	U		6010B
7440-66-6	Zinc	30.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-37760/12-A

Instrument Code: LEEMAN5 Batch No.: 37805

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.20	U		7470A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab Sample ID: ICSA 460-37970/8 Instrument ID: ICP4

Lab File ID: 05212010.txt ICS Source: ME_ICSA_Duo_00013

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**0.592**	
Al	**500000**	**512700**	**103**
As		**1.40**	
Ba		**0.0125**	
Be		**-0.656**	
Ca	**500000**	**508300**	**102**
Cd		**-0.704**	
Co		**2.31**	
Cr		**-2.14**	
Cu		**0.572**	
Fe	**200000**	**187600**	**94**
K		**103**	
Mg	**500000**	**460400**	**92**
Mn		**-8.80**	
Na		**229**	
Ni		**6.00**	
Pb		**4.62**	
Sb		**-1.70**	
Se		**-1.78**	
Tl		**3.09**	
V		**1.56**	
Zn		**-0.997**	
B		*2.17*	
Mo		*-2.02*	
Sn		*0.327*	
Sr		*5.43*	
Ti		*-0.244*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab Sample ID: ICSAB 460-37970/9 Instrument ID: ICP4

Lab File ID: 05212010.txt ICS Source: ME_ICSAB_DUO_00011

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**100**	**107**	**106**
Al	**500000**	**518600**	**104**
As	**100**	**96.8**	**97**
Ba	**100**	**96.4**	**96**
Be	**100**	**103**	**103**
Ca	**500000**	**520900**	**104**
Cd	**100**	**91.8**	**92**
Co	**100**	**94.1**	**94**
Cr	**100**	**102**	**102**
Cu	**100**	**108**	**108**
Fe	**200000**	**192600**	**96**
K	**10000**	**10570**	**106**
Mg	**500000**	**472400**	**94**
Mn	**100**	**94.6**	**95**
Na	**10000**	**11020**	**110**
Ni	**100**	**98.3**	**98**
Pb	**100**	**97.8**	**98**
Sb	**100**	**94.3**	**94**
Se	**100**	**92.7**	**93**
Tl	**100**	**94.9**	**95**
V	**100**	**105**	**105**
Zn	**100**	**94.0**	**94**
B	*100*	*91.4*	*91*
Mo	*100*	*91.8*	*92*
Sn	*100*	*90.6*	*91*
Sr	*100*	*109*	*109*
Ti	*100*	*98.2*	*98*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab Sample ID: ICSA 460-37970/40 Instrument ID: ICP4

Lab File ID: 05212010.txt ICS Source: ME_ICSA_Duo_00013

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**1.02**	
Al	**500000**	**507900**	**102**
As		**0.451**	
Ba		**-0.0715**	
Be		**-0.533**	
Ca	**500000**	**502500**	**100**
Cd		**-0.662**	
Co		**2.12**	
Cr		**-2.10**	
Cu		**6.99**	
Fe	**200000**	**187000**	**94**
K		**96.4**	
Mg	**500000**	**453700**	**91**
Mn		**-8.60**	
Na		**1048**	
Ni		**5.98**	
Pb		**6.44**	
Sb		**-3.52**	
Se		**-3.29**	
Tl		**0.211**	
V		**1.59**	
Zn		**-2.63**	
B		*3.06*	
Mo		*-2.13*	
Sn		*0.286*	
Sr		*5.34*	
Ti		*-0.425*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Lab Sample ID: ICSAB 460-37970/41 Instrument ID: ICP4

Lab File ID: 05212010.txt ICS Source: ME_ICSAB_DUO_00011

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**100**	**104**	**104**
Al	**500000**	**505900**	**101**
As	**100**	**93.4**	**93**
Ba	**100**	**95.4**	**95**
Be	**100**	**100**	**100**
Ca	**500000**	**494700**	**99**
Cd	**100**	**89.8**	**90**
Co	**100**	**91.6**	**92**
Cr	**100**	**99.9**	**100**
Cu	**100**	**104**	**104**
Fe	**200000**	**189300**	**95**
K	**10000**	**10270**	**103**
Mg	**500000**	**459100**	**92**
Mn	**100**	**91.7**	**92**
Na	**10000**	**11070**	**111**
Ni	**100**	**96.1**	**96**
Pb	**100**	**96.8**	**97**
Sb	**100**	**91.4**	**91**
Se	**100**	**91.1**	**91**
Tl	**100**	**94.2**	**94**
V	**100**	**104**	**104**
Zn	**100**	**90.9**	**91**
B	*100*	*89.4*	*89*
Mo	*100*	*89.4*	*89*
Sn	*100*	*89.0*	*89*
Sr	*100*	*107*	*107*
Ti	*100*	*95.0*	*95*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: GW-017338-051810-ACH-02 MS Lab ID: 460-13279-2 MS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Matrix: Water Concentration Units: ug/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	8920		5190		2000	187	75-125	F	6010B
Antimony	481		10.0	U	500	96	75-125		6010B
Arsenic	1950		5.0	U	2000	97	75-125		6010B
Barium	2510		474		2000	102	75-125		6010B
Beryllium	54.2		2.0	U	50.0	108	75-125		6010B
Cadmium	50.2		5.0	U	50.0	100	75-125		6010B
Calcium	81110		58900		20000	111	75-125		6010B
Chromium	224		3.2	J	200	112	75-125		6010B
Cobalt	530		20.3	J	500	102	75-125		6010B
Copper	278		25.0	U	250	111	75-125		6010B
Iron	76490		74500		1000	197	75-125	4	6010B
Lead	520		7.0		500	103	75-125		6010B
Magnesium	56350		36200		20000	101	75-125		6010B
Manganese	2560		1990		500	114	75-125		6010B
Nickel	515		5.0	J	500	102	75-125		6010B
Potassium	24330		3600	J	20000	104	75-125		6010B
Selenium	2010		10.0	U	2000	100	75-125		6010B
Silver	52.6		10.0	U	50.0	105	75-125		6010B
Sodium	115600		93900		20000	108	75-125	4	6010B
Thallium	2100		10.0	U	2000	105	75-125		6010B
Vanadium	551		5.8	J	500	109	75-125		6010B
Zinc	518		10.5	J	500	102	75-125		6010B
Mercury	1.17		0.20	U	1.00	117	75-125		7470A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

6-IN
DUPLICATES
METALS

Client ID: GW-017338-051810-ACH-02 DU Lab ID: 460-13279-2 DU

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Aluminum	200	5190		4860		6		6010B
Antimony	10.0	10.0	U	10.0	U	NC		6010B
Arsenic	5.0	5.0	U	4.31	J	NC		6010B
Barium	200	474		480		1		6010B
Beryllium	2.0	2.0	U	2.0	U	NC		6010B
Cadmium	5.0	5.0	U	5.0	U	NC		6010B
Calcium	5000	58900		58550		1		6010B
Chromium	10.0	3.2	J	10.0	U	NC		6010B
Cobalt	50.0	20.3	J	20.7	J	2		6010B
Copper	25.0	25.0	U	25.0	U	NC		6010B
Iron	150	74500		74170		0		6010B
Lead	5.0	7.0		7.97		13		6010B
Magnesium	5000	36200		35810		1		6010B
Manganese	15.0	1990		2000		1		6010B
Nickel	40.0	5.0	J	4.80	J	5		6010B
Potassium	5000	3600	J	3590	J	0		6010B
Selenium	10.0	10.0	U	10.0	U	NC		6010B
Silver	10.0	10.0	U	10.0	U	NC		6010B
Sodium	5000	93900		93070		1		6010B
Thallium	10.0	10.0	U	10.0	U	NC		6010B
Vanadium	50.0	5.8	J	5.38	J	8		6010B
Zinc	30.0	10.5	J	10.5	J	0		6010B
Mercury	0.20	0.20	U	0.20	U	NC		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-37871/2-A

Lab Name: TestAmerica Edison Job No.: 460-13279-1

Sample Matrix: Water LCS Source: ME_LCS-int_00020

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	2000	2120		106	80	120		6010B
Antimony	500	486		97	80	120		6010B
Arsenic	2000	1920		96	80	120		6010B
Barium	2000	2060		103	80	120		6010B
Beryllium	50.0	52.6		105	80	120		6010B
Cadmium	50.0	51.2		102	80	120		6010B
Calcium	20000	20750		104	80	120		6010B
Chromium	200	216		108	80	120		6010B
Cobalt	500	519		104	80	120		6010B
Copper	250	262		105	80	120		6010B
Iron	1000	1080		108	80	120		6010B
Lead	500	530		106	80	120		6010B
Magnesium	20000	19950		100	80	120		6010B
Manganese	500	549		110	80	120		6010B
Nickel	500	523		105	80	120		6010B
Potassium	20000	20240		101	80	120		6010B
Selenium	2000	2010		100	80	120		6010B
Silver	50.0	50.8		102	80	120		6010B
Sodium	20000	20970		105	80	120		6010B
Thallium	2000	2220		111	80	120		6010B
Vanadium	500	526		105	80	120		6010B
Zinc	500	515		103	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-37760/13-A

Lab Name: TestAmerica Edison Job No.: 460-13279-1

Sample Matrix: Water LCS Source: ME_DCAL-IN_00287

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	1.00	0.990		99	80	120		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-13279-2

SDG No:

Lab Name: TestAmerica Edison Job No: 460-13279-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	5190		5230		0.85		6010B
Antimony	10.0	U	50.0	U	NC		6010B
Arsenic	5.0	U	25.0	U	NC		6010B
Barium	474		479	J	1.2		6010B
Beryllium	2.0	U	10.0	U	NC		6010B
Cadmium	5.0	U	25.0	U	NC		6010B
Calcium	58900		58250		1.2		6010B
Chromium	3.2	J	50.0	U	NC		6010B
Cobalt	20.3	J	20.9	J	NC		6010B
Copper	25.0	U	125	U	NC		6010B
Iron	74500		74250		0.36		6010B
Lead	7.0		25.0	U	NC		6010B
Magnesium	36200		35810		1.1		6010B
Manganese	1990		1980		0.50		6010B
Nickel	5.0	J	200	U	NC		6010B
Potassium	3600	J	3580	J	NC		6010B
Selenium	10.0	U	50.0	U	NC		6010B
Silver	10.0	U	50.0	U	NC		6010B
Sodium	93900		95950		2.2		6010B
Thallium	10.0	U	50.0	U	NC		6010B
Vanadium	5.8	J	250	U	NC		6010B
Zinc	10.5	J	150	U	NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-13279-1

SDG Number:

Matrix: Water Instrument ID: ICP4

Analysis Method: 6010B MDL Date: 12/30/2008 09:37

Prep Method: 3010A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Aluminum	308.0	200	86.956
Antimony	206.8	10	4.6
Arsenic	189.0	5	3.831
Barium	483.4	200	3.212
Beryllium	313.0	2	0.942
Cadmium	226.5	5	0.918
Calcium	317.9	5000	72.229
Chromium	267.7	10	3.201
Cobalt	228.6	50	2.767
Copper	324.7	25	3.648
Iron	271.4	150	40.158
Lead	220.6	5	2.787
Magnesium	279.0	5000	56.863
Manganese	257.0	15	2.515
Nickel	231.6	40	3.509
Potassium	766.4	5000	208.667
Selenium	196.0	10	4.752
Silver	328.0	10	0.969
Sodium	330.2	5000	341.097
Thallium	190.8	10	4.643
Vanadium	292.4	50	1.978
Zinc	206.2	30	5.798

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-13279-1

SDG Number:

Matrix: Water Instrument ID: LEEMAN5

Analysis Method: 7470A MDL Date: 12/30/2008 14:28

Prep Method: 7470A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.185

11-IN
ICP-AES AND ICP-MS LINEAR RANGES
METALS

Lab Name: TestAmerica Edison Job No: 460-13279-1

SDG No.:

Instrument ID: ICP4 Date: 01/06/2009 11:38

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Aluminum		500000	6010B
Antimony		2000	6010B
Arsenic		10000	6010B
Barium		20000	6010B
Beryllium		2000	6010B
Cadmium		5000	6010B
Calcium		250000	6010B
Chromium		10000	6010B
Cobalt		5000	6010B
Copper		25000	6010B
Iron		200000	6010B
Lead		20000	6010B
Magnesium		250000	6010B
Manganese		10000	6010B
Nickel		5000	6010B
Potassium		100000	6010B
Selenium		10000	6010B
Silver		2500	6010B
Sodium		250000	6010B
Thallium		10000	6010B
Vanadium		5000	6010B
Zinc		5000	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-37871/1-A	05/20/2010 08:57	37871		100	100
LCS 460-37871/2-A	05/20/2010 08:57	37871		100	100
460-13279-2	05/20/2010 08:57	37871		100	100
460-13279-2 DU	05/20/2010 08:57	37871		100	100
460-13279-2 MS	05/20/2010 08:57	37871		100	100
460-13279-1	05/20/2010 08:57	37871		100	100
460-13279-3	05/20/2010 08:57	37871		100	100
460-13279-4	05/20/2010 08:57	37871		100	100
460-13279-5	05/20/2010 08:57	37871		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Preparation Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-37760/12-A	05/19/2010 07:30	37760		30	30
LCS 460-37760/13-A	05/19/2010 07:30	37760		30	30
460-13279-2	05/19/2010 07:30	37760		30	30
460-13279-2 DU	05/19/2010 07:30	37760		30	30
460-13279-2 MS	05/19/2010 07:30	37760		30	30
460-13279-1	05/19/2010 07:30	37760		30	30
460-13279-3	05/19/2010 07:30	37760		30	30
460-13279-4	05/19/2010 07:30	37760		30	30
460-13279-5	05/19/2010 07:30	37760		30	30

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 05/20/2010 15:13 End Date: 05/20/2010 19:19

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			15:13																				
ZZZZZZ			15:16																				
ZZZZZZ			15:19																				
ZZZZZZ			15:22																				
ZZZZZZ			15:25																				
ICV 460-37970/6	1		15:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-37970/7	1		15:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-37970/8	1		15:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-37970/9	1		15:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			15:41																				
ZZZZZZ			15:44																				
ZZZZZZ			15:47																				
ZZZZZZ			15:50																				
ZZZZZZ			15:53																				
ZZZZZZ			15:56																				
ZZZZZZ			15:59																				
MB 460-37871/1-A	1	T	16:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-37970/18	1		16:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-37970/19	1		16:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 460-37871/2-A	1	T	16:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-13279-2 DU	1	T	16:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-13279-2	1	T	16:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-13279-2 SD	5	T	16:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-13279-2 MS	1	T	16:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			16:25																				
ZZZZZZ			16:28																				
ZZZZZZ			16:31																				
ZZZZZZ			16:34																				
ZZZZZZ			16:37																				
CCV 460-37970/30	1		16:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-37970/31	1		16:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-13279-1	1	T	16:47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-13279-3	1	T	16:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-13279-4	1	T	16:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-13279-5	1	T	16:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			16:58																				
ZZZZZZ			17:01																				
ZZZZZZ			17:04																				
ZZZZZZ			17:07																				
ICSA 460-37970/40	1		17:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-37970/41	1		17:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-37970/42	1		17:16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 05/20/2010 15:13 End Date: 05/20/2010 19:19

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCB 460-37970/43	1		17:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			17:23																				
ZZZZZZ			17:26																				
ZZZZZZ			17:29																				
ZZZZZZ			17:31																				
ZZZZZZ			17:34																				
ZZZZZZ			17:37																				
ZZZZZZ			17:40																				
ZZZZZZ			17:43																				
ZZZZZZ			17:46																				
ZZZZZZ			17:49																				
CCV 460-37970/54			17:52																				
CCB 460-37970/55			17:55																				
ZZZZZZ			17:58																				
ZZZZZZ			18:00																				
ZZZZZZ			18:03																				
ZZZZZZ			18:06																				
ZZZZZZ			18:09																				
ZZZZZZ			18:12																				
ZZZZZZ			18:15																				
ZZZZZZ			18:18																				
ZZZZZZ			18:20																				
ZZZZZZ			18:23																				
CCV 460-37970/66			18:26																				
CCB 460-37970/67			18:29																				
ZZZZZZ			18:32																				
ZZZZZZ			18:35																				
ZZZZZZ			18:38																				
ZZZZZZ			18:41																				
ZZZZZZ			18:44																				
ZZZZZZ			18:47																				
ZZZZZZ			18:50																				
ZZZZZZ			18:52																				
ZZZZZZ			18:55																				
ZZZZZZ			18:58																				
CCV 460-37970/78			19:01																				
CCB 460-37970/79			19:04																				
ZZZZZZ			19:07																				
ICSA 460-37970/81			19:10																				
ICSAB 460-37970/82			19:13																				
CCV 460-37970/83			19:16																				
CCB 460-37970/84			19:19																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 05/20/2010 15:13 End Date: 05/20/2010 19:19

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			15:13																				
ZZZZZZ			15:16																				
ZZZZZZ			15:19																				
ZZZZZZ			15:22																				
ZZZZZZ			15:25																				
ICV 460-37970/6	1		15:29	X	X																		
ICB 460-37970/7	1		15:32	X	X																		
ICSA 460-37970/8	1		15:35	X	X																		
ICSAB 460-37970/9	1		15:38	X	X																		
ZZZZZZ			15:41																				
ZZZZZZ			15:44																				
ZZZZZZ			15:47																				
ZZZZZZ			15:50																				
ZZZZZZ			15:53																				
ZZZZZZ			15:56																				
ZZZZZZ			15:59																				
MB 460-37871/1-A	1	T	16:02	X	X																		
CCV 460-37970/18	1		16:05	X	X																		
CCB 460-37970/19	1		16:08	X	X																		
LCS 460-37871/2-A	1	T	16:11	X	X																		
460-13279-2 DU	1	T	16:14	X	X																		
460-13279-2	1	T	16:17	X	X																		
460-13279-2 SD	5	T	16:19	X	X																		
460-13279-2 MS	1	T	16:22	X	X																		
ZZZZZZ			16:25																				
ZZZZZZ			16:28																				
ZZZZZZ			16:31																				
ZZZZZZ			16:34																				
ZZZZZZ			16:37																				
CCV 460-37970/30	1		16:40	X	X																		
CCB 460-37970/31	1		16:44	X	X																		
460-13279-1	1	T	16:47	X	X																		
460-13279-3	1	T	16:49	X	X																		
460-13279-4	1	T	16:52	X	X																		
460-13279-5	1	T	16:55	X	X																		
ZZZZZZ			16:58																				
ZZZZZZ			17:01																				
ZZZZZZ			17:04																				
ZZZZZZ			17:07																				
ICSA 460-37970/40	1		17:10	X	X																		
ICSAB 460-37970/41	1		17:13	X	X																		
CCV 460-37970/42	1		17:16	X	X																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 05/20/2010 15:13 End Date: 05/20/2010 19:19

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
CCB 460-37970/43	1		17:20	X	X																		
ZZZZZZ			17:23																				
ZZZZZZ			17:26																				
ZZZZZZ			17:29																				
ZZZZZZ			17:31																				
ZZZZZZ			17:34																				
ZZZZZZ			17:37																				
ZZZZZZ			17:40																				
ZZZZZZ			17:43																				
ZZZZZZ			17:46																				
ZZZZZZ			17:49																				
CCV 460-37970/54			17:52																				
CCB 460-37970/55			17:55																				
ZZZZZZ			17:58																				
ZZZZZZ			18:00																				
ZZZZZZ			18:03																				
ZZZZZZ			18:06																				
ZZZZZZ			18:09																				
ZZZZZZ			18:12																				
ZZZZZZ			18:15																				
ZZZZZZ			18:18																				
ZZZZZZ			18:20																				
ZZZZZZ			18:23																				
CCV 460-37970/66			18:26																				
CCB 460-37970/67			18:29																				
ZZZZZZ			18:32																				
ZZZZZZ			18:35																				
ZZZZZZ			18:38																				
ZZZZZZ			18:41																				
ZZZZZZ			18:44																				
ZZZZZZ			18:47																				
ZZZZZZ			18:50																				
ZZZZZZ			18:52																				
ZZZZZZ			18:55																				
ZZZZZZ			18:58																				
CCV 460-37970/78			19:01																				
CCB 460-37970/79			19:04																				
ZZZZZZ			19:07																				
ICSA 460-37970/81			19:10																				
ICSAB 460-37970/82			19:13																				
CCV 460-37970/83			19:16																				
CCB 460-37970/84			19:19																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Instrument ID: ICP4 Method: 6010B

Start Date: 05/20/2010 15:13 End Date: 05/20/2010 19:19

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 05/19/2010 10:12 End Date: 05/19/2010 12:20

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
IC 460-37760/1-A			10:12	X																			
IC 460-37760/2-A			10:14	X																			
IC 460-37760/3-A			10:17	X																			
IC 460-37760/4-A			10:19	X																			
IC 460-37760/5-A			10:20	X																			
IC 460-37760/6-A			10:22	X																			
ICV 460-37760/7-A	1		10:24	X																			
ICB 460-37805/8	1		10:26	X																			
ZZZZZZ			10:28																				
ZZZZZZ			10:30																				
MB 460-37760/12-A	1	T	10:32	X																			
LCS 460-37760/13-A	1	T	10:35	X																			
ZZZZZZ			10:37																				
460-13279-2 DU	1	T	10:39	X																			
460-13279-2	1	T	10:40	X																			
460-13279-2 MS	1	T	10:42	X																			
ZZZZZZ			10:44																				
ZZZZZZ			10:46																				
ZZZZZZ			10:48																				
CCV 460-37760/8-A	1		10:50	X																			
CCB 460-37760/9-A	1		10:51	X																			
ZZZZZZ			10:54																				
ZZZZZZ			10:56																				
460-13279-1	1	T	10:57	X																			
460-13279-3	1	T	11:00	X																			
460-13279-4	1	T	11:02	X																			
460-13279-5	1	T	11:04	X																			
ZZZZZZ			11:05																				
ZZZZZZ			11:07																				
ZZZZZZ			11:11																				
CCV 460-37760/8-A	1		11:13	X																			
CCB 460-37760/9-A	1		11:15	X																			
ZZZZZZ			11:17																				
ZZZZZZ			11:19																				
ZZZZZZ			11:21																				
ZZZZZZ			11:23																				
ZZZZZZ			11:24																				
ZZZZZZ			11:26																				
ZZZZZZ			11:28																				
ZZZZZZ			11:31																				
ZZZZZZ			11:33																				
CCV 460-37760/8-A			11:35																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-13279-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 05/19/2010 10:12 End Date: 05/19/2010 12:20

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
CCB 460-37760/9-A			11:36																				
ZZZZZZ			11:38																				
ZZZZZZ			11:40																				
CCV 460-37760/8-A			11:43																				
CCB 460-37760/9-A			11:44																				
ZZZZZZ			11:46																				
ZZZZZZ			11:48																				
ZZZZZZ			11:50																				
ZZZZZZ			11:53																				
ZZZZZZ			11:54																				
ZZZZZZ			11:57																				
ZZZZZZ			11:58																				
CCV 460-37760/8-A			12:00																				
CCB 460-37760/9-A			12:02																				
ZZZZZZ			12:04																				
ZZZZZZ			12:06																				
ZZZZZZ			12:07																				
ZZZZZZ			12:09																				
ZZZZZZ			12:12																				
ZZZZZZ			12:14																				
ZZZZZZ			12:16																				
CCV 460-37760/8-A			12:17																				
CCB 460-37760/9-A			12:20																				

Prep Types

P = TCLP

T = Total/NA

Sample Name: CAL_BLK Acquired: 5/20/2010 15:13:55 Type: Cal
Method: SW84605122010(v17) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0051**	**-.0002**	**.0006**	**.0083**	**-.0021**	**-.0484**
Stddev	.0030	.0002	.0001	.0007	.0006	.0009
%RSD	57.93	121.8	13.22	8.222	29.73	1.762
#1	-.0083	.0000	.0005	.0082	-.0014	-.0486
#2	-.0046	-.0004	.0006	.0077	-.0023	-.0491
#3	-.0024	-.0001	.0007	.0090	-.0026	-.0475

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0006**	**-.0011**	**.0002**	**.0008**	**-.0009**	**-.0751**
Stddev	.0000	.0002	.0002	.0011	.0013	.0060
%RSD	6.886	20.94	74.26	143.1	140.6	7.953
#1	-.0006	-.0012	.0002	-.0003	-.0018	-.0709
#2	-.0006	-.0008	.0004	.0019	.0006	-.0819
#3	-.0006	-.0012	.0001	.0006	-.0015	-.0724

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0001**	**-.0001**	**-.0960**	**-.0004**	**-.0001**	**.0008**
Stddev	.0012	.0001	.0024	.0006	.0004	.0004
%RSD	802.9	108.1	2.490	139.1	549.6	44.08
#1	.0000	-.0002	-.0936	-.0002	-.0004	.0004
#2	.0009	-.0001	-.0984	.0000	.0004	.0011
#3	-.0014	.0000	-.0962	-.0011	-.0003	.0009

Sample Name: CAL_BLK Acquired: 5/20/2010 15:13:55 Type: Cal
Method: SW84605122010(v17) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0005	-.0005	.0001	.0004	.0010	-.0010
Stddev	.0002	.0006	.0001	.0001	.0001	.0003
%RSD	39.16	117.7	86.26	20.92	14.09	31.85
#1	.0005	-.0005	.0001	.0005	.0011	-.0014
#2	.0006	.0001	.0002	.0003	.0009	-.0008
#3	.0003	-.0010	.0000	.0005	.0010	-.0009

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	.0002	-.0083	.0253
Stddev	.0002	.0019	.0017
%RSD	119.6	22.79	6.823
#1	.0000	-.0094	.0233
#2	.0001	-.0061	.0264
#3	.0004	-.0094	.0261

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4313.1	62402.	3949.7
Stddev	4.9	846.	2.3
%RSD	.11476	1.3554	.05920
#1	4318.8	62316.	3952.4
#2	4310.7	61602.	3948.6
#3	4309.8	63287.	3948.2

Sample Name: DCAL1 Acquired: 5/20/2010 15:16:47 Type: Cal
Method: SW84605122010(v17) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0183**	**.0005**	**.0043**	**.7475**	**.0184**	**.4542**
Stddev	.0012	.0003	.0001	.0015	.0005	.0021
%RSD	6.697	59.82	3.266	.1959	2.919	.4522
#1	.0196	.0005	.0043	.7462	.0190	.4563
#2	.0180	.0008	.0044	.7472	.0181	.4541
#3	.0172	.0002	.0041	.7491	.0180	.4522

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0250**	**.0879**	**.0038**	**.0052**	**.0174**	**.3152**
Stddev	.0001	.0008	.0001	.0008	.0021	.0027
%RSD	.5019	.9147	3.888	16.09	11.91	.8622
#1	.0251	.0878	.0039	.0051	.0160	.3165
#2	.0248	.0872	.0036	.0060	.0164	.3121
#3	.0250	.0888	.0037	.0044	.0198	.3171

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**5.901**	**.0260**	**1.019**	**.0614**	**.0027**	**.0025**
Stddev	.014	.0002	.002	.0007	.0008	.0004
%RSD	.2329	.7227	.2235	1.117	29.59	16.12
#1	5.895	.0260	1.017	.0616	.0022	.0026
#2	5.890	.0262	1.018	.0606	.0022	.0029
#3	5.916	.0259	1.022	.0620	.0036	.0021

Sample Name: DCAL1 Acquired: 5/20/2010 15:16:47 Type: Cal
Method: SW84605122010(v17) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0010	.0022	.0174	.0722	.0300	.0285
Stddev	.0004	.0002	.0001	.0002	.0004	.0002
%RSD	43.34	11.10	.6118	.3376	1.284	.8720
#1	.0015	.0022	.0175	.0720	.0304	.0283
#2	.0006	.0024	.0173	.0724	.0297	.0287
#3	.0010	.0019	.0175	.0723	.0300	.0283

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	.0157	.2255	.6029
Stddev	.0001	.0029	.0088
%RSD	.3808	1.280	1.451
#1	.0157	.2258	.5974
#2	.0157	.2282	.5982
#3	.0156	.2225	.6130

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4354.5	62106.	4069.5
Stddev	14.9	378.	18.1
%RSD	.34132	.60865	.44359
#1	4368.5	62175.	4075.8
#2	4356.2	61699.	4049.1
#3	4338.9	62445.	4083.5

Sample Name: DCAL2 Acquired: 5/20/2010 15:19:39 Type: Cal
Method: SW84605122010(v17) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2.944**	**.0674**	**.0878**	**7.371**	**2.261**	**2.461**
Stddev	.006	.0001	.0001	.016	.004	.007
%RSD	.2000	.1016	.1415	.2108	.2001	.2886
#1	2.938	.0674	.0877	7.353	2.261	2.454
#2	2.949	.0673	.0879	7.383	2.265	2.468
#3	2.946	.0674	.0878	7.377	2.256	2.463

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.596**	**.8771**	**.3488**	**.6051**	**2.456**	**.7020**
Stddev	.002	.0011	.0008	.0002	.006	.0053
%RSD	.1246	.1255	.2428	.0373	.2517	.7573
#1	1.595	.8763	.3493	.6052	2.451	.6991
#2	1.599	.8784	.3493	.6049	2.454	.7082
#3	1.596	.8767	.3478	.6053	2.463	.6988

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**28.64**	**1.707**	**5.416**	**.7502**	**.7120**	**.0393**
Stddev	.07	.004	.013	.0008	.0018	.0004
%RSD	.2376	.2290	.2479	.1020	.2459	1.067
#1	28.56	1.709	5.400	.7493	.7103	.0392
#2	28.69	1.710	5.423	.7508	.7138	.0397
#3	28.66	1.703	5.423	.7504	.7119	.0389

Sample Name: DCAL2 Acquired: 5/20/2010 15:19:39 Type: Cal
Method: SW84605122010(v17) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0546	.0972	.1696	1.133	.1394	.7477
Stddev	.0004	.0004	.0005	.002	.0001	.0009
%RSD	.7060	.4504	.2705	.1459	.0604	.1156
#1	.0549	.0968	.1699	1.131	.1395	.7468
#2	.0542	.0971	.1699	1.134	.1394	.7486
#3	.0548	.0977	.1691	1.134	.1393	.7477

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	.0615	11.89	57.49
Stddev	.0001	.02	.18
%RSD	.0978	.2026	.3177
#1	.0615	11.86	57.28
#2	.0616	11.90	57.60
#3	.0614	11.90	57.59

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4182.0	60372.	3939.5
Stddev	16.0	128.	5.7
%RSD	.38331	.21196	.14390
#1	4200.3	60299.	3945.6
#2	4170.8	60297.	3938.3
#3	4174.7	60520.	3934.5

Sample Name: DCAL3 Acquired: 5/20/2010 15:22:27 Type: Cal
Method: SW84605122010(v17) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**14.51**	**.3608**	**.4458**	**36.87**	**11.14**	**12.53**
Stddev	.06	.0008	.0009	.09	.04	.05
%RSD	.4142	.2291	.1949	.2520	.3892	.4313
#1	14.46	.3598	.4460	36.76	11.10	12.49
#2	14.51	.3611	.4466	36.92	11.13	12.52
#3	14.58	.3614	.4449	36.93	11.18	12.59

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8.110**	**4.369**	**1.735**	**2.939**	**12.59**	**3.720**
Stddev	.022	.010	.006	.010	.10	.018
%RSD	.2661	.2238	.3379	.3515	.7786	.4720
#1	8.085	4.358	1.741	2.928	12.49	3.706
#2	8.122	4.376	1.736	2.939	12.68	3.713
#3	8.123	4.373	1.729	2.949	12.61	3.739

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**145.0**	**8.276**	**26.59**	**3.722**	**3.534**	**.2017**
Stddev	.6	.038	.11	.008	.010	.0007
%RSD	.4089	.4621	.4042	.2130	.2718	.3332
#1	144.3	8.309	26.48	3.713	3.524	.2012
#2	145.2	8.285	26.60	3.729	3.536	.2025
#3	145.4	8.234	26.70	3.724	3.543	.2014

Sample Name: DCAL3 Acquired: 5/20/2010 15:22:27 Type: Cal
Method: SW84605122010(v17) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2856	.4740	.8559	5.728	.7579	3.909
Stddev	.0012	.0016	.0022	.014	.0010	.005
%RSD	.4308	.3401	.2598	.2395	.1343	.1218
#1	.2842	.4721	.8577	5.712	.7571	3.905
#2	.2862	.4749	.8565	5.738	.7575	3.914
#3	.2864	.4749	.8534	5.734	.7590	3.907

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	.3077	58.74	285.5
Stddev	.0005	.22	2.8
%RSD	.1757	.3706	.9863
#1	.3072	58.53	282.2
#2	.3082	58.73	287.5
#3	.3076	58.96	286.7

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3924.6	57656.	3955.4
Stddev	10.1	217.	3.1
%RSD	.25694	.37592	.07960
#1	3935.3	57406.	3957.1
#2	3915.3	57797.	3957.3
#3	3923.1	57765.	3951.7

Sample Name: DCAL4 Acquired: 5/20/2010 15:25:41 Type: Cal
Method: SW84605122010(v17) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**28.98**	**.7467**	**.9051**	**75.90**	**22.08**	**25.09**
Stddev	.19	.0025	.0051	.61	.13	.16
%RSD	.6606	.3314	.5613	.7981	.6044	.6307
#1	28.81	.7439	.9106	76.20	21.97	24.97
#2	28.93	.7481	.9005	76.30	22.05	25.04
#3	29.19	.7482	.9043	75.20	22.23	25.27

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16.84**	**9.090**	**3.411**	**5.837**	**26.35**	**7.466**
Stddev	.07	.034	.021	.041	.13	.059
%RSD	.4078	.3760	.6302	.6990	.4802	.7859
#1	16.76	9.055	3.432	5.805	26.46	7.418
#2	16.84	9.093	3.389	5.824	26.38	7.449
#3	16.90	9.123	3.411	5.883	26.21	7.531

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**301.5**	**16.29**	**52.60**	**7.718**	**7.289**	**.4228**
Stddev	2.4	.14	.29	.029	.026	.0013
%RSD	.8076	.8700	.5447	.3753	.3557	.3053
#1	301.6	16.34	52.41	7.687	7.262	.4218
#2	303.8	16.13	52.46	7.724	7.292	.4224
#3	299.0	16.41	52.93	7.744	7.314	.4242

Sample Name: DCAL4 Acquired: 5/20/2010 15:25:41 Type: Cal
Method: SW84605122010(v17) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.5980	.9707	1.711	11.92	1.518	7.936
Stddev	.0024	.0042	.011	.04	.006	.030
%RSD	.4096	.4330	.6585	.3512	.4122	.3757
#1	.5956	.9663	1.722	11.87	1.512	7.904
#2	.5980	.9712	1.700	11.92	1.518	7.942
#3	.6005	.9747	1.710	11.96	1.525	7.963

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S
Avg	.6430	116.6	591.5
Stddev	.0019	.5	6.0
%RSD	.2992	.4432	1.021
#1	.6412	117.2	598.3
#2	.6428	116.4	586.7
#3	.6450	116.2	589.4

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	3575.6	55339.	3876.2
Stddev	8.5	394.	11.6
%RSD	.23647	.71261	.29852
#1	3585.3	55086.	3885.0
#2	3571.0	55793.	3880.5
#3	3570.3	55137.	3863.1

Sample Name: ICV Acquired: 5/20/2010 15:29:14 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**127200.**	**2496.**	**1256.**	**10060.**	**1018.**	**128800.**
Stddev	793.	8.	2.	48.	7.	498.
%RSD	.6233	.3093	.1488	.4765	.6403	.3866
#1	128100.	2501.	1258.	10060.	1025.	129400.
#2	126800.	2487.	1254.	10010.	1015.	128500.
#3	126600.	2499.	1256.	10100.	1013.	128600.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1236.**	**2484.**	**5111.**	**12650.**	**102600.**	**50800.**
Stddev	6.	11.	5.	92.	280.	251.
%RSD	.4901	.4250	.0941	.7231	.2732	.4948
#1	1237.	2485.	5117.	12760.	102300.	51090.
#2	1229.	2472.	5109.	12630.	102900.	50680.
#3	1241.	2493.	5108.	12580.	102700.	50640.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 5/20/2010 15:29:14 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**124800.**	**5169.**	**126600.**	**2476.**	**7474.**	**986.1**
Stddev	1095.	28.	644.	9.	39.	5.1
%RSD	.8774	.5442	.5082	.3599	.5161	.5167
#1	123600.	5167.	127300.	2478.	7484.	987.6
#2	124900.	5142.	126400.	2466.	7432.	980.4
#3	125800.	5198.	126100.	2483.	7507.	990.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2477.**	**2505.**	**2538.**	**2478.**	F **1063.**	**2490.**
Stddev	7.	15.	2.	10.	4.	9.
%RSD	.2974	.6100	.0679	.4136	.3674	.3780
#1	2481.	2500.	2537.	2480.	1063.	2493.
#2	2469.	2492.	2537.	2467.	1058.	2480.
#3	2483.	2522.	2540.	2488.	1066.	2498.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value					1000.	
Range					5.500%	

Sample Name: ICV Acquired: 5/20/2010 15:29:14 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**971.9**	**5191.**	**10120.**
Stddev	3.8	23.	132.
%RSD	.3959	.4455	1.305
#1	974.1	5218.	10180.
#2	967.4	5175.	9973.
#3	974.1	5181.	10220.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**3851.2**	**57199.**	**3880.8**
Stddev	22.1	136.	15.9
%RSD	.57354	.23811	.40901
#1	3856.4	57126.	3891.2
#2	3870.3	57356.	3888.6
#3	3827.0	57114.	3862.5

Sample Name: CCB Acquired: 5/20/2010 15:32:29 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**44.27**	**-.0123**	**.7542**	**.3154**	**.2319**	**82.17**
Stddev	20.96	.1445	1.676	.2554	.1081	8.24
%RSD	47.34	1179.	222.2	80.97	46.61	10.02
#1	68.15	-.0072	-1.179	.6103	.3230	85.00
#2	35.71	-.1592	1.802	.1662	.2603	72.90
#3	28.95	.1297	1.640	.1697	.1125	88.63
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0671**	**.3089**	**4.616**	**6.154**	**78.90**	**149.1**
Stddev	.0612	.2266	5.307	8.305	131.1	4.2
%RSD	91.28	73.38	115.0	134.9	166.2	2.809
#1	.0817	.0615	1.550	3.052	9.820	151.7
#2	-.0001	.3587	10.74	15.56	230.1	151.3
#3	.1197	.5064	1.555	-.1529	-3.258	144.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/20/2010 15:32:29 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**108.5**	**4.653**	**190.3**	**-.1838**	**.9051**	**-.5555**
Stddev	128.2	5.411	16.4	.2696	.9818	1.244
%RSD	118.2	116.3	8.602	146.7	108.5	223.9
#1	36.62	1.621	207.0	-.2593	1.865	.2813
#2	256.4	10.90	174.2	.1156	.9475	-1.985
#3	32.32	1.438	189.7	-.4075	-.0972	.0370
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0096**	**1.387**	**2.395**	**.3261**	**5.358**	**1.405**
Stddev	2.679	1.251	2.435	.0606	.562	.279
%RSD	27950.	90.22	101.7	18.59	10.49	19.87
#1	2.913	.0150	.9216	.3812	5.908	1.599
#2	-.5177	1.680	5.206	.3361	5.380	1.531
#3	-2.367	2.465	1.059	.2611	4.785	1.085
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/20/2010 15:32:29 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1597**	**1.470**	**9.844**
Stddev	.1582	.094	10.32
%RSD	99.06	6.371	104.9
#1	.2782	1.457	4.192
#2	.2207	1.384	21.76
#3	-.0199	1.569	3.582
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4256.8**	**63201.**	**4040.4**
Stddev	17.2	731.	3.4
%RSD	.40414	1.1573	.08539
#1	4275.9	63806.	4043.7
#2	4251.6	63407.	4040.6
#3	4242.7	62388.	4036.8

Sample Name: ICSA 481797 Acquired: 5/20/2010 15:35:22 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**512700.**	**1.403**	**.5920**	**.0125**	**-.6562**	**508300.**
Stddev	1019.	1.254	2.044	.1071	.1051	3550.
%RSD	.1987	89.37	345.2	859.1	16.01	.6984
#1	511500.	.2582	-1.214	-.0654	-.6602	509600.
#2	513300.	1.208	2.810	.1347	-.7592	511000.
#3	513200.	2.744	.1799	-.0319	-.5492	504300.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.7040**	**2.308**	**-2.143**	**.5718**	**187600.**	**102.7**
Stddev	.0241	.284	.077	6.696	880.	44.4
%RSD	3.429	12.31	3.608	1171.	.4692	43.25
#1	-.6766	2.357	-2.230	-7.009	188500.	67.77
#2	-.7222	2.003	-2.082	5.678	187700.	152.6
#3	-.7131	2.565	-2.116	3.047	186700.	87.56
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 481797 Acquired: 5/20/2010 15:35:22 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**460400.**	**-8.804**	**228.8**	**6.001**	**4.622**	**-1.698**
Stddev	1480.	.069	11.7	.097	1.137	4.261
%RSD	.3215	.7788	5.111	1.617	24.60	251.0
#1	459900.	-8.736	216.9	5.957	5.904	1.541
#2	459200.	-8.801	240.3	5.934	4.226	-6.525
#3	462000.	-8.873	229.3	6.112	3.736	-.1104
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.778**	**3.088**	**1.562**	**-.9968**	**2.168**	**-2.022**
Stddev	.446	2.113	.138	.2086	.740	.074
%RSD	25.10	68.43	8.841	20.93	34.14	3.656
#1	-1.270	3.802	1.645	-.7861	2.045	-2.102
#2	-1.961	4.751	1.402	-1.001	2.961	-2.008
#3	-2.104	.7103	1.638	-1.203	1.497	-1.957
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 481797 Acquired: 5/20/2010 15:35:22 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3269**	**5.426**	**-.2440**
Stddev	.7382	.257	.1508
%RSD	225.8	4.732	61.78
#1	-.5171	5.251	-.1340
#2	.8527	5.721	-.1822
#3	.6450	5.307	-.4159
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**3938.5**	**53557.**	**3807.6**
Stddev	26.2	134.	8.4
%RSD	.66572	.25076	.22062
#1	3911.2	53469.	3801.6
#2	3940.9	53489.	3804.0
#3	3963.5	53711.	3817.2

Sample Name: ICSAB 481801 Acquired: 5/20/2010 15:38:29 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**518600.**	**96.80**	**106.5**	**96.43**	**102.8**	**520900.**
Stddev	4685.	.37	2.1	.28	1.0	13840.
%RSD	.9033	.3774	1.988	.2898	.9525	2.657
#1	524000.	96.42	104.5	96.13	103.9	535800.
#2	515300.	96.82	106.1	96.45	102.0	508500.
#3	516600.	97.15	108.7	96.69	102.5	518400.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**91.75**	**94.10**	**102.4**	**107.6**	**192600.**	**10570.**
Stddev	.33	.18	.5	2.1	2325.	167.
%RSD	.3614	.1901	.4496	1.956	1.207	1.577
#1	91.38	93.92	102.1	109.8	195000.	10750.
#2	91.86	94.09	103.0	107.5	192400.	10550.
#3	92.01	94.28	102.3	105.6	190400.	10420.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 481801 Acquired: 5/20/2010 15:38:29 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**472400.**	**94.55**	**11020.**	**98.28**	**97.81**	**94.32**
Stddev	3269.	.28	111.	.53	1.38	2.86
%RSD	.6919	.3010	1.007	.5410	1.413	3.028
#1	475200.	94.34	11140.	98.51	98.79	91.13
#2	468800.	94.88	10920.	97.67	98.39	95.19
#3	473300.	94.45	10990.	98.65	96.23	96.64
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**92.68**	**94.91**	**105.4**	**93.96**	**91.37**	**91.84**
Stddev	1.35	3.37	.3	.20	.41	.32
%RSD	1.452	3.547	.3121	.2108	.4507	.3443
#1	93.53	96.61	105.8	94.00	91.69	91.85
#2	91.13	97.09	105.2	94.14	90.91	91.51
#3	93.38	91.03	105.3	93.75	91.51	92.14
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 481801 Acquired: 5/20/2010 15:38:29 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**90.62**	**109.4**	**98.24**
Stddev	.29	1.1	.88
%RSD	.3192	1.041	.8941
#1	90.95	110.7	97.92
#2	90.42	108.5	99.23
#3	90.48	108.9	97.56
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**3864.5**	**53386.**	**3808.2**
Stddev	6.3	467.	43.7
%RSD	.16245	.87516	1.1476
#1	3870.8	53784.	3759.4
#2	3864.5	53502.	3843.7
#3	3858.3	52871.	3821.5

Sample Name: INT-10 Acquired: 5/20/2010 15:41:35 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**173.9**	**8.881**	**2.222**	**11.18**	**.2406**	**303.4**
Stddev	16.1	1.427	.507	.12	.0431	22.0
%RSD	9.230	16.07	22.83	1.076	17.90	7.254
#1	158.8	8.873	1.844	11.11	.2388	327.8
#2	172.1	10.31	2.023	11.11	.2845	284.9
#3	190.7	7.457	2.798	11.32	.1985	297.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2045**	**11390.**	**10840.**	**2.128**	F **176.6**	**70.40**
Stddev	.0786	76.	89.	9.933	37.6	101.5
%RSD	38.45	.6685	.8168	466.8	21.27	144.2
#1	-.1147	11430.	10920.	12.78	219.9	78.87
#2	-.2376	11440.	10740.	.4755	157.7	-35.10
#3	-.2612	11300.	10850.	-6.875	152.3	167.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					150.0	
Low Limit					-150.0	

Sample Name: INT-10 Acquired: 5/20/2010 15:41:35 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**111.4**	**10720.**	**105.3**	**11320.**	**-5.982**	**-5.232**
Stddev	14.0	50.	2.8	81.	.423	4.773
%RSD	12.53	.4672	2.667	.7118	7.078	91.22
#1	125.4	10690.	102.5	11360.	-6.370	-4.686
#2	111.3	10690.	105.3	11360.	-6.047	-.7562
#3	97.46	10780.	108.1	11220.	-5.530	-10.25
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-3.402**	**-.3310**	**5142.**	**19.64**	**-11.17**	**5246.**
Stddev	1.105	3.318	13.	.04	.90	42.
%RSD	32.48	1002.	.2509	.1956	8.026	.8002
#1	-2.157	-2.644	5127.	19.64	-12.15	5270.
#2	-4.268	3.470	5150.	19.68	-10.99	5270.
#3	-3.781	-1.820	5148.	19.60	-10.38	5197.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 Acquired: 5/20/2010 15:41:35 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**10820.**	**10440.**	**10990.**
Stddev	89.	77.	46.
%RSD	.8267	.7371	.4163
#1	10870.	10460.	11040.
#2	10860.	10350.	10990.
#3	10710.	10500.	10950.
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**3860.6**	**61155.**	**3956.8**
Stddev	2.4	113.	6.7
%RSD	.06204	.18527	.16924
#1	3862.9	61278.	3954.4
#2	3858.1	61054.	3951.6
#3	3860.8	61133.	3964.3

Sample Name: mb 460-37856/1-a Acquired: 5/20/2010 15:44:56 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**36.94**	**1.556**	**-.2741**	**-.0535**	**-.1343**	**72.30**
Stddev	23.50	.795	.6864	.0758	.0492	27.42
%RSD	63.63	51.11	250.4	141.8	36.66	37.93
#1	19.60	2.202	.4119	-.1190	-.0902	93.96
#2	63.69	.6678	-.9608	-.0710	-.1874	81.49
#3	27.53	1.798	-.2732	.0296	-.1254	41.46
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0294**	**.5234**	**.6952**	**-3.266**	**1.720**	**27.27**
Stddev	.0541	.3151	.2039	1.361	4.728	105.7
%RSD	183.8	60.20	29.33	41.68	274.8	387.8
#1	-.0536	.8603	.4790	-4.357	6.106	63.50
#2	.0325	.2360	.7225	-1.741	2.343	110.1
#3	-.0672	.4737	.8841	-3.701	-3.288	-91.82
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-37856/1-a Acquired: 5/20/2010 15:44:56 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8.363**	**1.536**	**14.57**	**.3934**	**1.447**	**-1.488**
Stddev	1.044	.175	22.05	.5845	1.159	1.088
%RSD	12.48	11.42	151.4	148.6	80.05	73.13
#1	9.476	1.705	32.22	1.033	1.847	-1.462
#2	8.207	1.549	-10.16	.2609	.1418	-2.589
#3	7.406	1.355	21.64	-.1135	2.353	-.4130
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.577**	**2.611**	**.4465**	**.9456**	**2.854**	**1.777**
Stddev	.988	1.205	.6173	.0371	.208	.279
%RSD	62.66	46.16	138.3	3.919	7.299	15.72
#1	-1.453	1.824	1.150	.9478	2.954	2.001
#2	-2.621	3.998	-.0028	.9075	2.614	1.866
#3	-.6564	2.010	.1919	.9815	2.993	1.464
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-37856/1-a Acquired: 5/20/2010 15:44:56 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.592**	**2.792**	**2.127**
Stddev	.366	.737	.051
%RSD	22.99	26.40	2.411
#1	1.918	3.592	2.143
#2	1.661	2.642	2.070
#3	1.196	2.141	2.169
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4479.5**	**63432.**	**4041.5**
Stddev	66.6	127.	21.9
%RSD	1.4878	.20029	.54270
#1	4549.8	63575.	4041.5
#2	4471.6	63333.	4019.6
#3	4417.2	63389.	4063.4

Sample Name: lcs 460-37856/2-a Acquired: 5/20/2010 15:47:49 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2110.**	**1912.**	**51.74**	**2045.**	**53.05**	**20910.**
Stddev	36.	12.	.49	13.	.27	146.
%RSD	1.717	.6076	.9391	.6416	.5155	.6988
#1	2149.	1906.	52.29	2037.	53.35	21080.
#2	2077.	1925.	51.35	2060.	52.82	20860.
#3	2105.	1905.	51.59	2039.	52.98	20800.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**50.92**	**516.7**	**220.2**	**265.4**	**1074.**	**20580.**
Stddev	.29	2.8	.5	3.8	15.	30.
%RSD	.5676	.5358	.2313	1.419	1.425	.1452
#1	50.68	514.8	220.8	265.6	1089.	20600.
#2	51.24	519.8	219.8	269.0	1074.	20590.
#3	50.85	515.3	220.0	261.5	1059.	20540.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-37856/2-a Acquired: 5/20/2010 15:47:49 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**20060.**	**561.3**	**21100.**	**520.4**	**528.3**	**481.9**
Stddev	141.	2.2	92.	3.4	3.6	2.2
%RSD	.7040	.3955	.4337	.6487	.6852	.4657
#1	20010.	563.6	21200.	519.1	525.7	479.9
#2	20220.	559.2	21060.	524.2	532.4	484.3
#3	19950.	561.2	21040.	517.9	526.7	481.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1992.**	**2180.**	**534.8**	**512.4**	**463.3**	**487.1**
Stddev	14.	20.	1.7	3.3	1.9	2.8
%RSD	.6832	.9045	.3192	.6457	.4052	.5804
#1	1985.	2163.	536.5	510.6	462.1	485.5
#2	2007.	2202.	533.1	516.3	465.4	490.4
#3	1982.	2175.	534.8	510.4	462.3	485.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-37856/2-a Acquired: 5/20/2010 15:47:49 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**504.6**	**534.4**	**519.7**
Stddev	3.7	3.6	4.0
%RSD	.7295	.6811	.7712
#1	502.0	538.5	518.8
#2	508.8	533.2	524.1
#3	502.9	531.6	516.3
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4268.1**	**61770.**	**4103.0**
Stddev	22.6	394.	20.3
%RSD	.52963	.63760	.49367
#1	4292.9	61642.	4084.9
#2	4248.6	62212.	4124.9
#3	4262.8	61457.	4099.2

Sample Name: 460-13299-b-2-c du Acquired: 5/20/2010 15:50:36 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**795.5**	**2.197**	**-.0411**	**1.836**	**-.1022**	**1349.**
Stddev	22.9	1.463	1.112	.141	.0723	23.
%RSD	2.876	66.56	2706.	7.691	70.76	1.668
#1	769.2	1.219	-1.295	1.679	-.1852	1336.
#2	811.0	3.879	.3444	1.874	-.0689	1336.
#3	806.3	1.495	.8272	1.953	-.0526	1375.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0006**	**-.1637**	**-.0351**	**-4.917**	**20.62**	**10580.**
Stddev	.0700	.2633	.1144	7.303	5.89	121.
%RSD	11020.	160.9	325.8	148.5	28.57	1.145
#1	.0019	-.3114	.0439	-11.62	22.52	10440.
#2	.0680	-.3200	-.1663	-5.998	25.33	10680.
#3	-.0719	.1403	.0171	2.866	14.02	10610.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13299-b-2-c du Acquired: 5/20/2010 15:50:36 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12330.**	**5.008**	F **502800.**	**.7113**	**2.627**	**-.9467**
Stddev	120.	.086	2775.	.2573	1.687	1.449
%RSD	.9715	1.708	.5519	36.17	64.22	153.0
#1	12450.	5.095	503600.	.5873	2.821	.6162
#2	12330.	4.924	499700.	1.007	4.210	-1.212
#3	12210.	5.005	505100.	.5394	.8517	-2.244
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.208**	**1.813**	**.6537**	**1.493**	**277.1**	**1.053**
Stddev	3.485	2.472	.4525	.028	.3	.101
%RSD	157.8	136.4	69.22	1.850	.0907	9.563
#1	3.065	-.7586	1.002	1.502	277.1	.9681
#2	-1.625	4.172	.1423	1.462	277.4	1.164
#3	5.184	2.025	.8167	1.515	276.9	1.027
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13299-b-2-c du Acquired: 5/20/2010 15:50:36 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.5683**	**3.125**	**.2182**
Stddev	.2250	.270	.1858
%RSD	39.58	8.642	85.14
#1	.5679	3.158	.3420
#2	.7935	2.840	.3080
#3	.3436	3.377	.0046
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4134.9**	**57135.**	**3893.6**
Stddev	35.8	101.	10.4
%RSD	.86511	.17639	.26620
#1	4097.1	57051.	3905.2
#2	4139.4	57246.	3890.2
#3	4168.3	57107.	3885.3

Sample Name: 460-13299-b-2-b Acquired: 5/20/2010 15:53:37 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**795.4**	**2.075**	**.0354**	**1.857**	**-.1629**	**1380.**
Stddev	5.4	.490	.7250	.168	.0693	26.
%RSD	.6836	23.61	2047.	9.033	42.56	1.908
#1	794.3	2.640	-.5185	1.744	-.1695	1358.
#2	801.4	1.807	.8560	2.050	-.0905	1409.
#3	790.7	1.777	-.2313	1.777	-.2287	1372.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0276**	**-.2084**	**-.2310**	**-1.454**	**29.05**	**10510.**
Stddev	.0211	.3014	.4338	11.64	11.67	129.
%RSD	76.63	144.6	187.8	800.2	40.16	1.225
#1	.0139	-.3867	-.5595	-5.847	17.09	10550.
#2	.0169	.1396	.2607	-10.26	29.66	10370.
#3	.0519	-.3782	-.3943	11.74	40.39	10620.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13299-b-2-b Acquired: 5/20/2010 15:53:37 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12490.**	**4.941**	F **499300.**	**1.109**	**1.766**	**-1.510**
Stddev	32.	.034	7215.	.325	.617	1.139
%RSD	.2573	.6848	1.445	29.33	34.95	75.46
#1	12530.	4.903	507600.	1.116	2.458	-.2025
#2	12470.	4.969	496300.	.7801	1.270	-2.291
#3	12470.	4.950	494100.	1.430	1.572	-2.036
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.8935**	**2.353**	**.4495**	**.8012**	**285.2**	**.8762**
Stddev	2.316	.975	.1894	.1119	.1	.1144
%RSD	259.2	41.42	42.15	13.97	.0291	13.05
#1	-.2979	1.882	.5704	.7212	285.1	.8607
#2	1.066	1.703	.2312	.9291	285.3	.7704
#3	-3.449	3.473	.5469	.7533	285.2	.9975
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13299-b-2-b Acquired: 5/20/2010 15:53:37 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3527**	**2.821**	**-.1437**
Stddev	.2100	.240	.0734
%RSD	59.54	8.509	51.08
#1	.3223	3.083	-.0834
#2	.1596	2.769	-.1223
#3	.5763	2.611	-.2254
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4219.8**	**57727.**	**3982.4**
Stddev	16.9	113.	35.9
%RSD	.40153	.19633	.90068
#1	4200.3	57667.	3942.2
#2	4230.6	57857.	3993.9
#3	4228.6	57656.	4011.2

Sample Name: sd 460-13299-b-2-b Acquired: 5/20/2010 15:56:38 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**174.4**	**1.298**	**.0905**	**.5032**	**-.1299**	**301.2**
Stddev	33.3	1.189	1.061	.1178	.1645	12.8
%RSD	19.12	91.61	1172.	23.41	126.6	4.255
#1	209.9	.9833	.5147	.5178	-.1864	286.4
#2	169.6	2.613	.8740	.3788	.0553	307.2
#3	143.8	.2979	-1.117	.6130	-.2587	309.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0567**	**-.2085**	**-.1858**	**5.442**	**.6470**	**2017.**
Stddev	.0197	.2432	.2230	6.295	21.79	58.
%RSD	34.82	116.6	120.0	115.7	3368.	2.878
#1	-.0764	-.4449	-.2079	12.11	-8.557	1952.
#2	-.0369	.0409	.0474	4.604	-15.03	2062.
#3	-.0568	-.2214	-.3968	-.3913	25.53	2039.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-13299-b-2-b Acquired: 5/20/2010 15:56:38 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2592.**	**.9829**	**103900.**	**.1856**	**.9632**	**.6053**
Stddev	13.	.0532	389.	.1024	1.121	1.615
%RSD	.4832	5.413	.3743	55.19	116.4	266.8
#1	2597.	1.018	103600.	.2216	1.379	.0221
#2	2578.	.9217	104300.	.0700	-.3067	2.431
#3	2602.	1.009	103900.	.2651	1.818	-.6368
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.4607**	**.9302**	**.1629**	**7.380**	**58.87**	**.0925**
Stddev	2.986	1.428	.2015	.057	.80	.3454
%RSD	648.2	153.5	123.7	.7662	1.356	373.4
#1	-2.059	-.5028	-.0148	7.396	58.22	.4017
#2	2.985	.9399	.1216	7.318	58.62	-.2803
#3	-2.308	2.354	.3818	7.427	59.76	.1561
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-13299-b-2-b Acquired: 5/20/2010 15:56:38 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.7537**	**.6632**	**-.1858**
Stddev	.2595	.0679	.0502
%RSD	34.43	10.24	27.03
#1	.5328	.6073	-.2332
#2	1.039	.6435	-.1332
#3	.6888	.7387	-.1909
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4234.5**	**60308.**	**3998.2**
Stddev	11.0	178.	21.6
%RSD	.25892	.29504	.53943
#1	4224.5	60271.	4007.4
#2	4246.2	60151.	3973.6
#3	4232.7	60501.	4013.7

Sample Name: 460-13299-b-2-d ms Acquired: 5/20/2010 15:59:30 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3016.**	**1998.**	**54.88**	**2039.**	**55.50**	**22760.**
Stddev	26.	8.	1.53	6.	.14	75.
%RSD	.8608	.4240	2.783	.3131	.2600	.3303
#1	3007.	1997.	56.63	2038.	55.39	22840.
#2	2996.	2007.	54.25	2046.	55.66	22740.
#3	3045.	1991.	53.78	2034.	55.44	22690.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**51.13**	**513.2**	**226.4**	**285.8**	**1069.**	**31700.**
Stddev	.13	1.1	.9	4.3	4.	50.
%RSD	.2600	.2203	.4114	1.492	.4167	.1590
#1	51.04	512.5	227.4	290.7	1066.	31650.
#2	51.28	514.5	226.3	283.4	1068.	31750.
#3	51.05	512.6	225.5	283.3	1074.	31700.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13299-b-2-d ms Acquired: 5/20/2010 15:59:30 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**32440.**	**572.8**	F **545300.**	**519.0**	**515.1**	**494.6**
Stddev	380.	1.4	2575.	1.5	2.5	1.6
%RSD	1.172	.2462	.4721	.2983	.4951	.3213
#1	32000.	573.6	548300.	518.2	512.4	493.5
#2	32650.	573.7	543400.	520.8	517.5	496.4
#3	32670.	571.2	544300.	518.1	515.3	493.9
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2056.**	**2047.**	**555.2**	**531.9**	**753.4**	**490.5**
Stddev	7.	11.	1.4	1.6	2.3	1.5
%RSD	.3397	.5135	.2546	.3017	.3000	.3010
#1	2059.	2036.	556.2	531.1	754.3	490.0
#2	2062.	2056.	555.8	533.7	755.0	492.2
#3	2048.	2051.	553.6	530.8	750.8	489.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13299-b-2-d ms Acquired: 5/20/2010 15:59:30 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**507.8**	**544.9**	**509.2**
Stddev	2.3	1.7	5.9
%RSD	.4604	.3158	1.163
#1	508.7	546.5	502.4
#2	509.7	545.1	512.3
#3	505.2	543.1	512.9
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4025.5**	**55222.**	**3905.1**
Stddev	29.6	392.	30.4
%RSD	.73425	.70988	.77957
#1	4059.5	54803.	3912.6
#2	4011.5	55283.	3931.0
#3	4005.6	55580.	3871.5

Sample Name: mb 460-37871/1-a Acquired: 5/20/2010 16:02:26 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**38.81**	**.9897**	**.2504**	**.1077**	**-.1520**	**34.07**
Stddev	8.78	.8387	.1304	.0660	.0847	7.18
%RSD	22.63	84.75	52.07	61.28	55.76	21.08
#1	29.82	.8750	.4001	.0430	-.1086	31.68
#2	39.22	1.880	.1617	.1051	-.0977	42.14
#3	47.37	.2142	.1894	.1749	-.2496	28.38
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0277**	**.2725**	**-.8296**	**-1.702**	**-19.18**	**118.3**
Stddev	.0713	.1725	.3215	3.533	11.81	24.2
%RSD	257.3	63.30	38.75	207.6	61.56	20.45
#1	-.0462	.4715	-.4673	-1.247	-8.674	115.9
#2	-.0880	.1794	-.9407	1.582	-16.91	95.44
#3	.0510	.1665	-1.081	-5.440	-31.96	143.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-37871/1-a Acquired: 5/20/2010 16:02:26 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.7892**	**-.0877**	**536.3**	**.1356**	**-.0861**	**.0648**
Stddev	.7822	.0536	95.2	.3611	1.903	.9757
%RSD	99.11	61.10	17.74	266.3	2210.	1507.
#1	1.358	-.0681	646.2	.2069	-1.490	1.017
#2	1.112	-.1483	482.8	.4558	-.8474	-.9331
#3	-.1027	-.0467	480.0	-.2558	2.079	.1107
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2995**	**1.764**	**-.4277**	**.4145**	**3.642**	**.3062**
Stddev	3.683	.786	.3344	.0616	1.017	.2738
%RSD	1230.	44.58	78.19	14.86	27.92	89.45
#1	2.772	.8712	-.1921	.4450	4.314	.5590
#2	2.060	2.354	-.2805	.3436	4.140	.0153
#3	-3.933	2.066	-.8104	.4549	2.472	.3442
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-37871/1-a Acquired: 5/20/2010 16:02:26 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.5061**	**.0497**	**-.1841**
Stddev	.7872	.2265	.0840
%RSD	155.5	455.2	45.63
#1	-.0999	-.1582	-.2807
#2	.2224	.2910	-.1288
#3	1.396	.0164	-.1427
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4240.3**	**61821.**	**3962.4**
Stddev	20.3	28.	16.5
%RSD	.47804	.04473	.41729
#1	4256.1	61790.	3943.4
#2	4217.4	61833.	3970.8
#3	4247.3	61841.	3973.2

Sample Name: CCV Acquired: 5/20/2010 16:05:19 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**126500.**	**2478.**	**1250.**	**10260.**	**1019.**	**127900.**
Stddev	293.	3.	17.	10.	4.	162.
%RSD	.2313	.1410	1.383	.1021	.3783	.1266
#1	126600.	2478.	1239.	10260.	1022.	128000.
#2	126700.	2481.	1241.	10280.	1020.	128000.
#3	126200.	2474.	1270.	10260.	1015.	127700.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1245.**	**2522.**	**5114.**	**12740.**	**103900.**	**49860.**
Stddev	1.	4.	70.	38.	433.	150.
%RSD	.1108	.1463	1.362	.2943	.4164	.3009
#1	1244.	2519.	5075.	12760.	103500.	49790.
#2	1246.	2526.	5073.	12770.	104300.	50040.
#3	1245.	2520.	5195.	12700.	103700.	49760.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/20/2010 16:05:19 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123300.**	**5183.**	**125900.**	**2515.**	**7540.**	**1005.**
Stddev	319.	104.	198.	4.	10.	2.
%RSD	.2589	1.997	.1569	.1468	.1382	.1777
#1	123700.	5156.	125900.	2513.	7531.	1005.
#2	123100.	5095.	126000.	2519.	7552.	1007.
#3	123300.	5297.	125600.	2512.	7538.	1003.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2499.**	**2562.**	**2524.**	**2515.**	**1086.**	**2450.**
Stddev	2.	4.	37.	3.	1.	2.
%RSD	.0911	.1495	1.474	.1391	.1264	.0722
#1	2498.	2560.	2501.	2513.	1084.	2449.
#2	2501.	2566.	2504.	2519.	1086.	2452.
#3	2497.	2560.	2566.	2513.	1087.	2450.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/20/2010 16:05:19 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**974.7**	**5208.**	**10180.**
Stddev	.5	9.	100.
%RSD	.0477	.1732	.9867
#1	975.0	5209.	10070.
#2	974.2	5216.	10190.
#3	974.9	5198.	10270.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**3755.9**	**56363.**	**3826.9**
Stddev	5.9	855.	30.7
%RSD	.15797	1.5178	.80124
#1	3762.7	56789.	3791.5
#2	3752.1	56922.	3844.2
#3	3752.8	55378.	3845.1

Sample Name: CCB Acquired: 5/20/2010 16:08:33 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**21.00**	**.3225**	**-.3443**	**1.041**	**-.0308**	**14.76**
Stddev	14.51	1.354	.3652	1.130	.1859	8.81
%RSD	69.10	419.9	106.1	108.5	604.4	59.69
#1	5.331	.6257	-.4504	2.342	-.0173	19.17
#2	23.69	-1.158	-.6446	.4694	.1481	4.615
#3	33.97	1.499	.0622	.3110	-.2231	20.49
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0966**	**.0795**	**.4083**	**-1.540**	**4.551**	**153.6**
Stddev	.2197	.1592	.8831	5.193	7.352	54.5
%RSD	227.5	200.2	216.3	337.3	161.6	35.49
#1	.3167	.2587	.7017	.4160	-1.683	135.1
#2	.0958	.0249	-.5841	2.391	12.66	215.0
#3	-.1227	-.0452	1.107	-7.427	2.676	110.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/20/2010 16:08:33 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**9.312**	**.5071**	**191.5**	**-.0422**	**1.630**	**-1.108**
Stddev	7.639	.4048	11.8	.3517	1.229	.863
%RSD	82.04	79.81	6.143	833.0	75.38	77.84
#1	3.424	.1724	200.9	.0110	2.997	-.1983
#2	6.568	.3920	195.5	-.4175	1.279	-1.914
#3	17.94	.9570	178.3	.2799	.6156	-1.212
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.2938**	**1.696**	**.1072**	**.3465**	**4.074**	**1.069**
Stddev	.8754	3.115	.0736	.2338	.731	.370
%RSD	298.0	183.7	68.61	67.47	17.93	34.61
#1	1.112	3.937	.1536	.6149	4.753	1.496
#2	.3990	3.013	.0224	.2372	4.167	.8426
#3	-.6295	-1.861	.1456	.1874	3.301	.8688
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/20/2010 16:08:33 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.153**	**.4658**	**1.944**
Stddev	.551	.2536	.766
%RSD	47.81	54.44	39.39
#1	1.785	.7496	1.268
#2	.8958	.3860	1.789
#3	.7767	.2617	2.776
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4321.9**	**63003.**	**3947.3**
Stddev	16.0	434.	15.1
%RSD	.37078	.68916	.38374
#1	4328.8	63064.	3933.1
#2	4333.3	63404.	3945.5
#3	4303.6	62542.	3963.2

Sample Name: lcs 460-37871/2-a Acquired: 5/20/2010 16:11:27 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2116.**	**1917.**	**50.83**	**2057.**	**52.62**	**20750.**
Stddev	34.	5.	.49	4.	.19	14.
%RSD	1.586	.2810	.9670	.1757	.3637	.0672
#1	2102.	1914.	50.34	2056.	52.76	20740.
#2	2091.	1915.	51.32	2054.	52.41	20760.
#3	2154.	1924.	50.82	2061.	52.71	20760.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**51.23**	**518.9**	**215.9**	**261.8**	**1077.**	**20240.**
Stddev	.11	.7	1.0	3.5	9.	164.
%RSD	.2202	.1300	.4772	1.328	.7951	.8108
#1	51.18	519.0	214.8	261.5	1085.	20150.
#2	51.15	518.2	216.5	265.4	1077.	20140.
#3	51.36	519.5	216.6	258.5	1068.	20430.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-37871/2-a Acquired: 5/20/2010 16:11:27 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19950.**	**548.8**	**20970.**	**523.4**	**530.2**	**486.2**
Stddev	88.	2.9	69.	1.8	1.0	1.2
%RSD	.4400	.5331	.3267	.3462	.1861	.2469
#1	19890.	545.5	20930.	522.9	529.6	485.3
#2	19900.	550.0	20930.	522.0	531.4	485.6
#3	20050.	550.9	21050.	525.5	529.7	487.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2006.**	**2216.**	**525.9**	**515.3**	**465.5**	**489.5**
Stddev	6.	5.	3.1	.8	1.0	.7
%RSD	.2777	.2228	.5830	.1499	.2197	.1494
#1	2007.	2218.	522.4	515.4	464.6	489.6
#2	2000.	2210.	528.0	514.5	465.3	488.7
#3	2011.	2220.	527.2	516.1	466.6	490.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-37871/2-a Acquired: 5/20/2010 16:11:27 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**504.6**	**529.4**	**517.3**
Stddev	.8	2.1	2.3
%RSD	.1666	.3998	.4405
#1	504.0	528.1	515.9
#2	504.3	528.3	516.0
#3	505.6	531.9	519.9
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4223.2**	**61982.**	**4058.2**
Stddev	11.2	297.	21.9
%RSD	.26447	.47878	.54012
#1	4232.0	62274.	4072.6
#2	4226.9	61680.	4069.0
#3	4210.6	61993.	4033.0

Sample Name: 460-13279-d-2-d du Acquired: 5/20/2010 16:14:15 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4862.**	**4.313**	**.7980**	**479.8**	**.0111**	**58550.**
Stddev	70.	1.771	.7317	2.4	.0194	473.
%RSD	1.437	41.06	91.68	.4920	174.0	.8078
#1	4941.	6.143	-.0116	482.3	.0335	59080.
#2	4836.	2.607	.9939	477.6	-.0010	58170.
#3	4809.	4.191	1.412	479.5	.0009	58390.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.1312**	**20.72**	**2.871**	**2.548**	**74170.**	**3593.**
Stddev	.1205	.29	.284	2.736	778.	97.
%RSD	91.85	1.376	9.896	107.4	1.048	2.712
#1	-.0499	21.03	2.620	-.6062	73840.	3671.
#2	-.0741	20.67	3.179	4.289	73610.	3625.
#3	-.2696	20.47	2.812	3.961	75060.	3484.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13279-d-2-d du Acquired: 5/20/2010 16:14:15 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**35810.**	**2005.**	**93070.**	**4.796**	**7.967**	**-3.056**
Stddev	522.	18.	662.	.481	1.031	1.924
%RSD	1.458	.9087	.7116	10.04	12.94	62.95
#1	35720.	2009.	93820.	4.359	8.613	-.8668
#2	35340.	1985.	92570.	5.312	8.510	-4.477
#3	36370.	2020.	92820.	4.716	6.778	-3.825
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.058**	**-5.193**	**5.377**	**10.46**	**219.3**	**.0966**
Stddev	1.910	2.002	.246	.10	1.7	.2829
%RSD	92.80	38.56	4.575	.9871	.7624	292.7
#1	.0103	-5.125	5.216	10.49	221.0	.3720
#2	-2.430	-7.228	5.660	10.35	219.4	-.1932
#3	-3.755	-3.225	5.254	10.55	217.6	.1112
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13279-d-2-d du Acquired: 5/20/2010 16:14:15 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.4606**	**631.1**	**90.71**
Stddev	.6586	5.0	10.77
%RSD	143.0	.7934	11.88
#1	-.1014	636.4	84.48
#2	1.185	626.5	103.2
#3	.2979	630.4	84.51
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4264.1**	**59446.**	**4069.2**
Stddev	18.8	643.	30.6
%RSD	.44020	1.0822	.75260
#1	4242.7	58852.	4037.0
#2	4271.5	59357.	4098.0
#3	4278.0	60130.	4072.5

Sample Name: 460-13279-d-2-c Acquired: 5/20/2010 16:17:07 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5186.**	**3.249**	**.5526**	**473.9**	**-.0441**	**58930.**
Stddev	49.	1.550	1.034	1.8	.0904	289.
%RSD	.9369	47.72	187.1	.3876	204.9	.4901
#1	5134.	4.590	.1448	473.2	.0353	58860.
#2	5191.	3.606	-.2152	472.6	-.1426	58680.
#3	5231.	1.551	1.728	476.0	-.0251	59250.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2623**	**20.33**	**3.175**	**-6.158**	**74520.**	**3603.**
Stddev	.0651	.10	.506	4.486	421.	39.
%RSD	24.82	.5083	15.94	72.85	.5651	1.076
#1	-.3178	20.22	2.608	-5.418	74950.	3619.
#2	-.2786	20.35	3.581	-2.088	74110.	3559.
#3	-.1906	20.42	3.336	-10.97	74500.	3632.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13279-d-2-c Acquired: 5/20/2010 16:17:07 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**36200.**	**1990.**	**93930.**	**5.050**	**7.028**	**-3.817**
Stddev	85.	17.	327.	.220	.192	2.171
%RSD	.2338	.8303	.3482	4.363	2.730	56.87
#1	36170.	1992.	93830.	5.259	7.215	-1.607
#2	36130.	2006.	93670.	5.073	6.831	-3.896
#3	36290.	1973.	94300.	4.820	7.038	-5.947
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.219**	**-4.312**	**5.850**	**10.46**	**217.0**	**.0003**
Stddev	2.332	3.217	.158	.10	.9	.1522
%RSD	105.1	74.60	2.707	.9641	.4069	50860.
#1	-4.843	-1.033	6.030	10.56	217.0	.1436
#2	-.3818	-4.440	5.789	10.45	216.1	.0167
#3	-1.432	-7.463	5.732	10.36	217.9	-.1594
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13279-d-2-c Acquired: 5/20/2010 16:17:07 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.2669**	**635.3**	**87.10**
Stddev	.7487	2.2	3.19
%RSD	280.5	.3539	3.667
#1	1.012	634.8	90.23
#2	.2749	633.4	87.22
#3	-.4857	637.8	83.84
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4248.3**	**60104.**	**4008.2**
Stddev	15.6	416.	25.6
%RSD	.36650	.69239	.63925
#1	4255.4	60124.	4010.7
#2	4259.0	59678.	4032.5
#3	4230.4	60509.	3981.4

Sample Name: sd 460-13279-d-2-c@5 Acquired: 5/20/2010 16:19:58 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1046.**	**1.436**	**.0137**	**95.87**	**-.0657**	**11650.**
Stddev	8.	1.577	1.247	.68	.0830	29.
%RSD	.7863	109.8	9103.	.7130	126.3	.2477
#1	1044.	-.1397	.6454	95.10	-.0620	11620.
#2	1055.	3.014	.8188	96.40	.0154	11660.
#3	1040.	1.433	-1.423	96.10	-.1505	11680.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0193**	**4.177**	**.6391**	**-5.640**	**14850.**	**716.2**
Stddev	.0841	.080	.0646	5.419	189.	57.4
%RSD	436.1	1.914	10.11	96.09	1.274	8.009
#1	.0736	4.084	.6472	-1.191	14950.	664.0
#2	-.0900	4.227	.5709	-4.052	14980.	777.6
#3	-.0414	4.218	.6993	-11.68	14640.	707.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-13279-d-2-c@5 Acquired: 5/20/2010 16:19:58 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7162.**	**396.0**	**19190.**	**.6578**	**2.403**	**-1.679**
Stddev	76.	2.2	38.	.2330	.310	1.198
%RSD	1.058	.5601	.1979	35.41	12.92	71.33
#1	7151.	395.3	19150.	.9035	2.752	-2.653
#2	7242.	394.3	19230.	.6297	2.297	-2.044
#3	7092.	398.5	19190.	.4402	2.159	-.3417
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0529**	**.2760**	**.9091**	**3.566**	**43.50**	**-.0313**
Stddev	1.918	.9596	.1226	.136	.27	.1972
%RSD	3622.	347.7	13.49	3.824	.6137	629.6
#1	1.196	-.8319	1.035	3.555	43.42	.0238
#2	-2.261	.8104	.9012	3.435	43.80	.1325
#3	.9057	.8495	.7906	3.707	43.28	-.2502
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-13279-d-2-c@5 Acquired: 5/20/2010 16:19:58 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.8520**	**126.5**	**17.90**
Stddev	.2817	.3	.78
%RSD	33.06	.2293	4.342
#1	1.150	126.7	17.23
#2	.5900	126.2	17.72
#3	.8160	126.6	18.75
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4247.4**	**60716.**	**3884.0**
Stddev	46.9	298.	10.2
%RSD	1.1054	.49118	.26233
#1	4245.9	60719.	3872.3
#2	4201.2	61013.	3891.0
#3	4295.1	60416.	3888.7

Sample Name: 460-13279-d-2-e ms Acquired: 5/20/2010 16:22:50 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**8920.**	**1947.**	**52.60**	**2511.**	**54.17**	**81110.**
Stddev	35.	3.	.59	3.	.12	172.
%RSD	.3963	.1383	1.112	.1071	.2153	.2117
#1	8956.	1945.	51.94	2508.	54.07	81290.
#2	8918.	1947.	52.85	2513.	54.30	81110.
#3	8886.	1950.	53.03	2512.	54.16	80940.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**50.21**	**529.5**	**224.2**	**278.0**	**76490.**	**24330.**
Stddev	.19	.2	.5	4.3	653.	76.
%RSD	.3776	.0394	.2452	1.559	.8533	.3140
#1	50.05	529.5	223.9	274.3	77230.	24240.
#2	50.15	529.8	224.8	276.9	76230.	24390.
#3	50.42	529.4	223.8	282.8	76000.	24360.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13279-d-2-e ms Acquired: 5/20/2010 16:22:50 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**56350.**	**2560.**	**115600.**	**515.4**	**520.1**	**481.1**
Stddev	175.	9.	367.	.9	1.7	1.6
%RSD	.3099	.3507	.3172	.1727	.3322	.3394
#1	56540.	2551.	115800.	514.5	522.0	479.6
#2	56190.	2561.	115800.	515.4	519.6	480.9
#3	56310.	2569.	115200.	516.3	518.6	482.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2007.**	**2095.**	**550.6**	**518.3**	**685.1**	**486.1**
Stddev	3.	2.	.3	.7	1.7	.2
%RSD	.1325	.1188	.0537	.1301	.2431	.0397
#1	2005.	2093.	550.5	517.5	683.8	485.9
#2	2006.	2098.	550.5	518.8	684.5	486.2
#3	2010.	2095.	551.0	518.6	687.0	486.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13279-d-2-e ms Acquired: 5/20/2010 16:22:50 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**498.9**	**1189.**	**591.5**
Stddev	1.3	4.	.7
%RSD	.2541	.2980	.1225
#1	498.2	1192.	592.0
#2	498.3	1189.	590.7
#3	500.4	1185.	591.9
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4233.4**	**60219.**	**4065.7**
Stddev	5.9	182.	25.8
%RSD	.14047	.30187	.63458
#1	4235.5	60428.	4036.2
#2	4238.1	60128.	4077.3
#3	4226.7	60100.	4083.7

Sample Name: 460-13299-g-1-a Acquired: 5/20/2010 16:25:47 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**51.20**	**1.771**	**.3148**	**505.4**	**-.0900**	**102000.**
Stddev	14.05	1.566	.5970	.8	.0931	270.
%RSD	27.45	88.43	189.6	.1629	103.4	.2646
#1	40.44	.1380	.3278	505.8	-.1249	102300.
#2	46.06	1.914	.9053	506.0	.0154	101800.
#3	67.10	3.259	-.2885	504.5	-.1606	101800.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.1257**	**.2858**	**-.2712**	**-10.98**	**19720.**	**12420.**
Stddev	.0576	.2725	.6123	5.60	271.	76.
%RSD	45.83	95.37	225.8	51.02	1.373	.6097
#1	-.1775	.0052	-.7271	-4.692	20020.	12350.
#2	-.1361	.3026	.4248	-15.44	19650.	12420.
#3	-.0636	.5495	-.5113	-12.81	19500.	12500.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13299-g-1-a Acquired: 5/20/2010 16:25:47 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**14020.**	**661.6**	F **366500.**	**2.965**	**6.152**	**.5429**
Stddev	71.	1.5	1840.	.129	.589	.8814
%RSD	.5095	.2204	.5020	4.342	9.568	162.4
#1	14100.	663.2	368500.	2.900	5.894	-.4748
#2	13990.	661.2	365000.	2.881	5.737	1.061
#3	13960.	660.4	365900.	3.113	6.826	1.042
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-3.249**	**-1.062**	**.6882**	**30.95**	**284.3**	**.9324**
Stddev	2.199	1.296	.0790	.07	1.3	.0803
%RSD	67.66	122.0	11.48	.2231	.4707	8.616
#1	-1.034	-2.462	.7721	31.01	285.8	.9655
#2	-3.282	-.8207	.6772	30.97	284.1	.9909
#3	-5.432	.0959	.6153	30.88	283.1	.8408
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13299-g-1-a Acquired: 5/20/2010 16:25:47 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.2629**	**651.2**	**1.175**
Stddev	.6315	1.4	.147
%RSD	240.2	.2119	12.54
#1	.8303	652.7	1.043
#2	-.4175	650.1	1.148
#3	.3758	650.7	1.334
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4121.5**	**58200.**	**4022.2**
Stddev	4.5	219.	7.6
%RSD	.10827	.37570	.18946
#1	4120.2	58423.	4019.7
#2	4117.9	57986.	4030.8
#3	4126.5	58189.	4016.1

Sample Name: 460-13299-c-2-a Acquired: 5/20/2010 16:28:48 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**998.8**	**.9772**	**.6050**	**58.15**	**-.0564**	**19130.**
Stddev	15.6	.9268	.4494	.26	.0575	33.
%RSD	1.557	94.84	74.27	.4455	102.0	.1744
#1	994.8	1.488	.0907	58.16	-.1216	19160.
#2	1016.	1.537	.9216	57.89	-.0130	19130.
#3	985.7	-.0926	.8029	58.41	-.0345	19090.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0250**	**-.2336**	**.1206**	**-6.470**	**1713.**	**10830.**
Stddev	.1877	.2462	.4084	5.786	29.	107.
%RSD	751.8	105.4	338.7	89.42	1.667	.9834
#1	-.1403	-.0827	.2614	-12.51	1716.	10730.
#2	-.1262	-.5176	.4399	-5.923	1741.	10830.
#3	.1916	-.1004	-.3396	-.9781	1684.	10940.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13299-c-2-a Acquired: 5/20/2010 16:28:48 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**13090.**	**99.85**	F **510300.**	**1.160**	**2.412**	**-.2906**
Stddev	87.	.95	3593.	.078	1.632	1.539
%RSD	.6646	.9485	.7042	6.690	67.66	529.8
#1	13180.	99.35	511000.	1.077	4.023	-1.686
#2	13070.	100.9	506400.	1.231	2.454	1.360
#3	13010.	99.25	513500.	1.172	.7594	-.5460
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.037**	**.6181**	**.1046**	**3.312**	**290.7**	**.7617**
Stddev	.959	.8238	.4958	.065	.1	.1450
%RSD	92.47	133.3	474.0	1.956	.0184	19.03
#1	-1.826	-.1970	-.0226	3.292	290.7	.7020
#2	-1.315	1.450	.6516	3.259	290.7	.6561
#3	.0302	.6011	-.3152	3.384	290.6	.9270
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13299-c-2-a Acquired: 5/20/2010 16:28:48 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	.4285	113.5	1.076
Stddev	.6106	.3	.563
%RSD	142.5	.2567	52.30
#1	.6620	113.5	.8113
#2	.8879	113.8	1.722
#3	-.2644	113.2	.6943
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4057.9	55660.	3933.2
Stddev	31.4	74.	34.3
%RSD	.77406	.13375	.87170
#1	4023.7	55604.	3958.4
#2	4064.6	55632.	3947.1
#3	4085.4	55744.	3894.1

Sample Name: 460-13299-g-3-a Acquired: 5/20/2010 16:31:48 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**713.1**	**1.004**	**-.8416**	**5.542**	**-.1033**	**2873.**
Stddev	19.3	1.830	.6364	.225	.0907	46.
%RSD	2.702	182.3	75.62	4.055	87.81	1.616
#1	693.6	-.3570	-1.329	5.321	-.1289	2918.
#2	732.1	.2840	-1.074	5.535	-.0025	2877.
#3	713.6	3.085	-.1216	5.771	-.1784	2825.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0284**	**-.3292**	**-.0043**	**-3.182**	**66.96**	**11130.**
Stddev	.0372	.1846	.3998	6.390	9.28	80.
%RSD	131.2	56.08	9281.	200.8	13.85	.7146
#1	.0527	-.4257	.3896	-10.29	74.51	11100.
#2	.0469	-.4454	-.4097	-1.351	69.77	11070.
#3	-.0145	-.1163	.0072	2.093	56.61	11220.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13299-g-3-a Acquired: 5/20/2010 16:31:48 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11710.**	**14.86**	F **517200.**	**1.204**	**2.178**	**-2.746**
Stddev	107.	.06	4996.	.470	.295	.381
%RSD	.9108	.4253	.9659	39.07	13.56	13.87
#1	11630.	14.81	516700.	1.428	2.099	-2.316
#2	11830.	14.84	522500.	.6634	1.930	-3.043
#3	11670.	14.93	512500.	1.520	2.504	-2.878
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.6808**	**1.144**	**.3174**	**3.907**	**299.3**	**.5989**
Stddev	.9471	1.690	.5807	.059	.6	.1437
%RSD	139.1	147.7	183.0	1.514	.1856	24.00
#1	-.3852	2.202	.9844	3.932	299.0	.5086
#2	-1.740	2.035	.0434	3.949	299.9	.7646
#3	.0833	-.8050	-.0757	3.839	298.9	.5235
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13299-g-3-a Acquired: 5/20/2010 16:31:48 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**13.07**	**7.012**	**-.0612**
Stddev	.55	.257	.0926
%RSD	4.228	3.660	151.3
#1	13.63	7.106	-.1149
#2	12.53	6.722	.0457
#3	13.04	7.208	-.1144
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4113.9**	**57903.**	**4017.1**
Stddev	25.8	328.	6.1
%RSD	.62604	.56590	.15295
#1	4142.2	57913.	4019.8
#2	4091.8	58225.	4021.4
#3	4107.7	57570.	4010.1

Sample Name: 460-13299-b-6-a Acquired: 5/20/2010 16:34:49 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**482.0**	**1.723**	**.4608**	**6.752**	**-.1698**	**3078.**
Stddev	11.4	1.437	.6616	.036	.0374	5.
%RSD	2.360	83.39	143.6	.5268	22.01	.1541
#1	468.9	2.930	-.2923	6.755	-.1560	3080.
#2	489.8	2.106	.7258	6.787	-.1414	3072.
#3	487.2	.1335	.9488	6.716	-.2122	3081.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0145**	**-.4468**	**.5794**	**-.8184**	**111.7**	**11780.**
Stddev	.1246	.0597	.3850	6.555	7.7	43.
%RSD	860.1	13.37	66.44	800.9	6.904	.3686
#1	.0287	-.4756	.1795	5.826	108.0	11830.
#2	-.1166	-.4866	.9474	-1.003	120.5	11780.
#3	.1314	-.3781	.6113	-7.279	106.5	11740.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13299-b-6-a Acquired: 5/20/2010 16:34:49 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**17730.**	**19.77**	F **533700.**	**1.557**	**3.095**	**-.6329**
Stddev	108.	.18	10230.	.444	.434	1.474
%RSD	.6102	.8939	1.917	28.49	14.02	232.8
#1	17850.	19.86	545400.	1.438	2.595	-2.195
#2	17700.	19.88	529700.	1.184	3.310	-.4357
#3	17640.	19.57	526100.	2.048	3.379	.7320
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1124**	**3.650**	**.5199**	**3.855**	**298.8**	**.9372**
Stddev	.5831	.929	.5260	.079	1.1	.2584
%RSD	518.8	25.46	101.2	2.035	.3604	27.57
#1	-.5494	3.116	.2381	3.793	298.9	.6504
#2	.5510	3.110	.1949	3.828	297.7	1.009
#3	.3356	4.722	1.127	3.943	299.9	1.152
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13299-b-6-a Acquired: 5/20/2010 16:34:49 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**4.749**	**8.239**	**-.1276**
Stddev	.404	.226	.1171
%RSD	8.501	2.746	91.74
#1	4.549	8.413	-.1277
#2	4.485	8.322	-.0105
#3	5.214	7.984	-.2447
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4100.6**	**56847.**	**3896.2**
Stddev	17.7	161.	43.1
%RSD	.43268	.28344	1.1069
#1	4080.6	56744.	3848.1
#2	4114.2	56764.	3909.0
#3	4107.1	57032.	3931.4

Sample Name: 460-13299-b-7-a Acquired: 5/20/2010 16:37:50 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**651.5**	**2.734**	**.3764**	**8.424**	**.0295**	**4646.**
Stddev	17.9	.986	.9328	.190	.0381	46.
%RSD	2.752	36.08	247.8	2.252	129.3	.9820
#1	631.7	2.990	-.6033	8.405	-.0144	4616.
#2	655.9	1.645	.4786	8.623	.0482	4624.
#3	666.7	3.567	1.254	8.245	.0545	4699.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0110**	**-.3640**	**-.0299**	**-10.80**	**134.2**	**11900.**
Stddev	.0110	.1353	.3372	5.47	38.5	136.
%RSD	99.56	37.17	1127.	50.59	28.67	1.141
#1	.0089	-.3284	-.0510	-10.74	90.23	11750.
#2	.0013	-.2500	.3173	-5.370	161.7	11930.
#3	.0229	-.5136	-.3561	-16.30	150.7	12020.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13299-b-7-a Acquired: 5/20/2010 16:37:50 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**17490.**	**20.36**	F **524600.**	**1.223**	**2.393**	**-.2112**
Stddev	75.	.09	5214.	.485	1.203	.9883
%RSD	.4265	.4528	.9939	39.68	50.26	468.0
#1	17410.	20.29	525800.	1.313	1.617	-.0277
#2	17560.	20.33	518800.	1.657	3.778	-1.278
#3	17500.	20.46	529100.	.6990	1.784	.6725
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.8822**	**2.106**	**.3743**	**4.903**	**296.2**	**.7737**
Stddev	.4480	1.460	.3476	.031	1.2	.3558
%RSD	50.78	69.33	92.87	.6395	.3999	45.98
#1	-.5013	3.620	.0204	4.917	296.6	1.171
#2	-1.376	.7069	.3874	4.867	297.1	.4849
#3	-.7694	1.990	.7153	4.925	294.8	.6650
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13299-b-7-a Acquired: 5/20/2010 16:37:50 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**4.359**	**12.45**	**-.0507**
Stddev	1.244	.06	.1641
%RSD	28.55	.4861	323.6
#1	3.793	12.45	.1132
#2	5.786	12.39	-.0503
#3	3.498	12.51	-.2150
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4080.9**	**57293.**	**4022.3**
Stddev	18.9	207.	29.7
%RSD	.46249	.36192	.73873
#1	4101.8	57428.	4015.2
#2	4065.1	57398.	4054.9
#3	4075.7	57055.	3996.7

Sample Name: CCV Acquired: 5/20/2010 16:40:52 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**129100.**	**2516.**	**1280.**	**10340.**	**1045.**	**129900.**
Stddev	642.	2.	1.	9.	6.	666.
%RSD	.4975	.0806	.0886	.0843	.5581	.5130
#1	129800.	2516.	1281.	10340.	1051.	130600.
#2	128900.	2517.	1280.	10350.	1044.	129700.
#3	128600.	2513.	1279.	10340.	1039.	129300.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1257.**	**2538.**	**5265.**	**12990.**	**103800.**	**50290.**
Stddev	1.	2.	6.	78.	1423.	310.
%RSD	.1117	.0857	.1130	.6033	1.371	.6165
#1	1256.	2537.	5271.	13070.	105400.	50600.
#2	1258.	2540.	5259.	12980.	103100.	50290.
#3	1256.	2536.	5264.	12920.	102900.	49980.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/20/2010 16:40:52 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**126400.**	**5310.**	**126600.**	**2539.**	**7605.**	**1017.**
Stddev	887.	54.	730.	3.	3.	4.
%RSD	.7014	1.018	.5762	.1097	.0411	.4026
#1	127300.	5372.	127400.	2538.	7602.	1014.
#2	125500.	5285.	126500.	2542.	7608.	1021.
#3	126500.	5273.	126000.	2536.	7606.	1015.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2530.**	**2570.**	**2584.**	**2536.**	**1097.**	**2473.**
Stddev	1.	12.	3.	2.	2.	4.
%RSD	.0408	.4689	.1275	.0800	.1810	.1428
#1	2529.	2562.	2586.	2534.	1095.	2473.
#2	2530.	2563.	2580.	2538.	1099.	2477.
#3	2531.	2583.	2585.	2535.	1097.	2470.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/20/2010 16:40:52 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**982.3**	**5290.**	**10260.**
Stddev	.9	29.	90.
%RSD	.0867	.5553	.8778
#1	983.2	5322.	10360.
#2	981.5	5283.	10190.
#3	982.0	5265.	10220.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**3789.5**	**55502.**	**3838.9**
Stddev	4.6	358.	21.2
%RSD	.12082	.64505	.55120
#1	3788.5	55913.	3815.8
#2	3794.5	55338.	3843.4
#3	3785.5	55256.	3857.4

Sample Name: CCB Acquired: 5/20/2010 16:44:05 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**22.30**	**-1.261**	**.2127**	**.1284**	**.1647**	**14.89**
Stddev	11.05	.424	.7291	.0938	.0686	17.87
%RSD	49.55	33.62	342.8	73.07	41.63	120.0
#1	30.82	-1.076	.7539	.2367	.2091	33.10
#2	26.27	-1.746	-.6164	.0743	.1993	14.19
#3	9.815	-.9613	.5006	.0741	.0857	-2.626
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0159**	**-.0192**	**.2417**	**1.479**	**5.647**	**-51.32**
Stddev	.0282	.2728	.4195	5.535	11.19	1.87
%RSD	176.9	1424.	173.6	374.2	198.1	3.639
#1	.0098	.1318	-.1434	7.865	-7.266	-53.42
#2	-.0087	-.3341	.6888	-1.950	11.80	-50.71
#3	.0466	.1448	.1797	-1.478	12.40	-49.84
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/20/2010 16:44:05 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**9.412**	**.3845**	**293.2**	**.0367**	**.9569**	**.6210**
Stddev	4.779	.2106	33.1	.1996	.7537	.8630
%RSD	50.78	54.78	11.28	544.0	78.76	139.0
#1	12.90	.5877	331.3	-.1160	.8054	-.3521
#2	11.37	.3987	276.7	-.0365	1.775	1.294
#3	3.964	.1671	271.6	.2625	.2905	.9215
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.5572**	**.1155**	**-.2032**	**.0738**	**4.365**	**.8082**
Stddev	3.367	.6707	.4116	.0485	.485	.3467
%RSD	604.3	580.6	202.6	65.70	11.10	42.89
#1	4.237	.7921	-.5309	.1219	4.833	1.207
#2	-.1973	.1036	-.3373	.0745	4.396	.5771
#3	-2.368	-.5492	.2588	.0250	3.865	.6407
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/20/2010 16:44:05 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.495**	**.6981**	**1.805**
Stddev	.722	.0296	.159
%RSD	48.26	4.244	8.806
#1	2.293	.6928	1.988
#2	1.302	.7301	1.720
#3	.8894	.6715	1.707
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4127.3**	**60913.**	**3870.1**
Stddev	18.1	88.	10.0
%RSD	.43870	.14523	.25836
#1	4147.8	61014.	3874.8
#2	4120.8	60878.	3858.6
#3	4113.4	60848.	3876.9

Sample Name: 460-13279-d-1-b Acquired: 5/20/2010 16:47:00 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**18.60**	**-.8354**	**-.3220**	**.2567**	**.0374**	**68.34**
Stddev	11.98	1.533	.1702	.0457	.1634	10.26
%RSD	64.38	183.5	52.86	17.82	436.8	15.01
#1	32.43	-.3048	-.2008	.2687	.1734	66.84
#2	11.77	.3614	-.5165	.2061	.0826	79.26
#3	11.61	-2.563	-.2486	.2952	-.1438	58.91
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0383**	**.3280**	**-.5279**	**1.797**	**-10.96**	**22.00**
Stddev	.0621	.2771	.6215	5.845	7.09	67.73
%RSD	162.1	84.48	117.7	325.2	64.66	307.8
#1	-.1100	.6479	.1803	7.142	-2.907	-52.59
#2	-.0007	.1735	-.9827	-4.444	-13.72	38.94
#3	-.0043	.1626	-.7811	2.694	-16.24	79.65
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13279-d-1-b Acquired: 5/20/2010 16:47:00 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.140**	**.1870**	**355.3**	**.0026**	**.8871**	**1.362**
Stddev	.682	.0741	29.4	.3402	1.040	.791
%RSD	31.88	39.61	8.282	13200.	117.2	58.09
#1	2.230	.1056	354.1	-.1809	1.591	1.214
#2	1.417	.2504	326.6	-.2065	1.377	2.217
#3	2.773	.2051	385.4	.3951	-.3071	.6554
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.5007**	**.1927**	**-.2940**	**.5438**	**5.409**	**-.1523**
Stddev	2.004	1.283	.3064	.0412	.357	.2339
%RSD	400.2	665.7	104.2	7.569	6.601	153.5
#1	-.0111	.5917	.0459	.5475	5.593	-.3895
#2	-2.704	1.228	-.5492	.5010	5.636	-.1457
#3	1.213	-1.242	-.3786	.5830	4.997	.0781
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13279-d-1-b Acquired: 5/20/2010 16:47:00 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.9923**	**.2937**	**.1522**
Stddev	.2195	.3596	.0758
%RSD	22.12	122.4	49.77
#1	.9512	-.0922	.0652
#2	.7964	.6195	.2032
#3	1.229	.3540	.1882
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4145.5**	**60335.**	**3883.4**
Stddev	4.3	189.	26.7
%RSD	.10278	.31318	.68856
#1	4140.6	60523.	3906.2
#2	4147.4	60337.	3890.0
#3	4148.4	60146.	3854.0

Sample Name: 460-13279-d-3-b Acquired: 5/20/2010 16:49:52 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**5411.**	**2.685**	**1.525**	**221.9**	**.2672**	**48410.**
Stddev	16.	1.046	.826	.2	.0832	368.
%RSD	.2978	38.95	54.20	.1076	31.15	.7596
#1	5420.	3.885	.9364	221.9	.2311	48810.
#2	5392.	1.965	2.469	221.7	.3625	48080.
#3	5420.	2.205	1.168	222.2	.2082	48340.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0245**	**3.921**	**8.303**	**17.12**	**18990.**	**7617.**
Stddev	.0119	.391	.212	3.46	112.	121.
%RSD	48.72	9.981	2.558	20.23	.5892	1.589
#1	-.0343	4.176	8.389	21.11	19120.	7756.
#2	-.0112	4.116	8.061	14.86	18920.	7559.
#3	-.0278	3.470	8.459	15.39	18940.	7536.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13279-d-3-b Acquired: 5/20/2010 16:49:52 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**22660.**	**295.9**	**126100.**	**5.456**	**7.632**	**-.6308**
Stddev	127.	.5	926.	.166	.321	1.235
%RSD	.5588	.1700	.7344	3.045	4.207	195.8
#1	22800.	295.4	127000.	5.484	7.332	-1.441
#2	22630.	295.8	125200.	5.278	7.594	-1.241
#3	22560.	296.4	125900.	5.607	7.971	.7904
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.3576**	**.0225**	**8.412**	**15.36**	**35.41**	**.0254**
Stddev	1.127	.3203	.866	.07	.05	.0270
%RSD	315.2	1425.	10.29	.4271	.1350	106.3
#1	.8464	-.3467	8.809	15.43	35.43	.0026
#2	-1.388	.2266	7.419	15.30	35.36	.0551
#3	-.5314	.1876	9.008	15.35	35.45	.0184
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13279-d-3-b Acquired: 5/20/2010 16:49:52 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.3108**	**354.6**	**107.0**
Stddev	.3041	3.0	1.8
%RSD	97.85	.8568	1.690
#1	-.5390	358.0	106.7
#2	.0345	352.1	105.4
#3	-.4278	353.6	108.9
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4264.3**	**59929.**	**3945.4**
Stddev	23.0	39.	41.6
%RSD	.53822	.06547	1.0557
#1	4238.2	59952.	3898.6
#2	4273.1	59951.	3978.6
#3	4281.6	59884.	3958.9

Sample Name: 460-13279-d-4-b Acquired: 5/20/2010 16:52:44 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7583.**	**3.075**	**1.126**	**249.5**	**.3428**	**48280.**
Stddev	25.	.945	.858	.4	.1520	61.
%RSD	.3251	30.74	76.18	.1500	44.36	.1271
#1	7610.	2.407	.4321	249.7	.2694	48250.
#2	7579.	2.662	2.085	249.1	.2413	48360.
#3	7561.	4.157	.8606	249.7	.5176	48250.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0768**	**5.664**	**11.40**	**18.05**	**26590.**	**7607.**
Stddev	.0183	.101	.25	3.15	173.	75.
%RSD	23.85	1.782	2.173	17.44	.6493	.9911
#1	-.0819	5.772	11.41	16.73	26690.	7523.
#2	-.0565	5.572	11.15	21.65	26390.	7668.
#3	-.0920	5.648	11.64	15.78	26700.	7630.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13279-d-4-b Acquired: 5/20/2010 16:52:44 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**22670.**	**278.3**	**123700.**	**7.295**	**9.457**	**-3.055**
Stddev	130.	.4	311.	.136	.663	1.177
%RSD	.5715	.1353	.2509	1.867	7.012	38.54
#1	22810.	277.9	123700.	7.153	9.094	-3.692
#2	22550.	278.4	124100.	7.309	10.22	-3.777
#3	22640.	278.6	123400.	7.424	9.055	-1.696
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0336**	**-1.006**	**12.37**	**25.83**	**34.68**	**.1714**
Stddev	1.396	1.758	.41	.13	.37	.0792
%RSD	4151.	174.7	3.337	.4927	1.052	46.18
#1	.2628	.9495	12.75	25.76	35.07	.2613
#2	-1.463	-1.513	11.93	25.74	34.35	.1119
#3	1.301	-2.455	12.42	25.97	34.64	.1411
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13279-d-4-b Acquired: 5/20/2010 16:52:44 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**-.1710**	**353.6**	**143.9**
Stddev	.2788	.2	1.0
%RSD	163.0	.0612	.7216
#1	.1224	353.6	144.8
#2	-.4325	353.9	142.8
#3	-.2030	353.5	144.1
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4360.4**	**61093.**	**4069.4**
Stddev	18.3	221.	15.7
%RSD	.41978	.36237	.38588
#1	4339.4	61244.	4068.7
#2	4368.9	60839.	4054.0
#3	4372.9	61197.	4085.4

Sample Name: 460-13279-d-5-b Acquired: 5/20/2010 16:55:36 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4455.**	**5.153**	**.5964**	**219.1**	**-.0237**	**41670.**
Stddev	18.	.609	.8048	.2	.0237	87.
%RSD	.3945	11.81	134.9	.0953	100.3	.2077
#1	4440.	4.675	.0139	219.1	-.0028	41590.
#2	4451.	5.838	1.515	218.9	-.0187	41670.
#3	4474.	4.946	.2606	219.3	-.0495	41760.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0810**	**3.100**	**5.244**	**13.26**	**8698.**	**4469.**
Stddev	.0211	.157	.187	2.77	34.	30.
%RSD	26.07	5.067	3.573	20.92	.3914	.6648
#1	-.0616	2.938	5.087	16.23	8692.	4435.
#2	-.1034	3.251	5.193	12.79	8735.	4481.
#3	-.0779	3.112	5.451	10.75	8668.	4491.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13279-d-5-b Acquired: 5/20/2010 16:55:36 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**12440.**	**454.1**	**73840.**	**3.482**	**6.295**	**-.7189**
Stddev	39.	.8	159.	.165	1.215	1.001
%RSD	.3136	.1656	.2159	4.731	19.31	139.2
#1	12400.	453.3	73660.	3.349	7.540	.2603
#2	12480.	454.5	73880.	3.666	5.112	-.6768
#3	12430.	454.6	73970.	3.432	6.234	-1.740
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.029**	**1.704**	**8.391**	**10.02**	**39.69**	**.5487**
Stddev	.982	.523	.537	.22	.22	.0856
%RSD	95.42	30.68	6.405	2.244	.5536	15.59
#1	-1.282	1.758	8.915	10.20	39.54	.5436
#2	-1.860	1.157	7.841	9.766	39.94	.4657
#3	.0546	2.199	8.419	10.09	39.59	.6366
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13279-d-5-b Acquired: 5/20/2010 16:55:36 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1601**	**297.1**	**74.68**
Stddev	.4265	.6	1.83
%RSD	266.4	.2042	2.448
#1	.0730	296.8	73.68
#2	-.2161	296.7	73.57
#3	.6234	297.8	76.79
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4302.0**	**61241.**	**4121.0**
Stddev	8.8	257.	7.9
%RSD	.20556	.41947	.19138
#1	4311.5	61387.	4122.7
#2	4300.5	61391.	4128.0
#3	4294.0	60944.	4112.5

Sample Name: 460-13309-a-1-a Acquired: 5/20/2010 16:58:28 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**78.32**	**2.184**	**.6443**	**262.6**	**-.4173**	F **457500.**
Stddev	7.31	1.938	.9224	.4	.1396	1014.
%RSD	9.335	88.72	143.2	.1537	33.47	.2216
#1	78.93	3.857	1.688	262.8	-.2604	456400.
#2	70.73	2.635	-.0605	262.8	-.4633	457800.
#3	85.31	.0607	.3051	262.1	-.5281	458400.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2727**	**.4713**	**.8766**	**7.528**	**44870.**	**86940.**
Stddev	.1706	.2364	.3710	5.789	623.	724.
%RSD	62.55	50.16	42.32	76.90	1.388	.8332
#1	-.3274	.6033	.9743	7.899	45560.	86110.
#2	-.4093	.1984	.4665	1.562	44680.	87420.
#3	-.0815	.6121	1.189	13.12	44360.	87300.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13309-a-1-a Acquired: 5/20/2010 16:58:28 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F **283600.**	**2410.**	F **2114000.**	**5.667**	**6.788**	**1.569**
Stddev	5196.	12.	81010.	.236	.676	2.482
%RSD	1.832	.5034	3.832	4.163	9.963	158.3
#1	288600.	2419.	2195000.	5.397	7.163	.0258
#2	284100.	2396.	2114000.	5.834	7.194	.2479
#3	278200.	2413.	2033000.	5.770	6.007	4.432
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0477**	**-2.963**	**3.504**	**18.51**	**1334.**	**-.5941**
Stddev	1.581	1.729	.210	.08	2.	.1853
%RSD	3316.	58.36	6.008	.4513	.1568	31.20
#1	1.851	-4.935	3.695	18.55	1335.	-.7833
#2	-.6128	-1.710	3.540	18.56	1335.	-.5860
#3	-1.096	-2.243	3.279	18.41	1331.	-.4129
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13309-a-1-a Acquired: 5/20/2010 16:58:28 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.6919**	**3454.**	**.5509**
Stddev	.6980	9.	.2063
%RSD	100.9	.2526	37.46
#1	.4908	3444.	.7591
#2	.1165	3457.	.5471
#3	1.468	3461.	.3465
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**3665.2**	**50088.**	**3833.5**
Stddev	15.8	316.	8.0
%RSD	.43116	.63151	.20943
#1	3647.3	50445.	3829.5
#2	3677.3	49976.	3828.2
#3	3670.9	49842.	3842.7

Sample Name: 460-13309-a-2-a Acquired: 5/20/2010 17:01:44 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**31.38**	**6.278**	**-.4195**	**151.7**	**-.3422**	F **251100.**
Stddev	31.92	1.646	.9440	2.7	.0931	440.
%RSD	101.7	26.22	225.0	1.782	27.21	.1753
#1	64.66	8.135	.2142	151.1	-.2446	251600.
#2	1.015	5.697	-1.504	154.7	-.4301	250900.
#3	28.47	5.001	.0316	149.4	-.3519	250800.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2351**	**-.2022**	**.6512**	**50.26**	**44300.**	F **109000.**
Stddev	.0534	.2383	.2977	2.49	900.	280.
%RSD	22.73	117.9	45.72	4.957	2.031	.2566
#1	-.2458	-.2337	.9876	51.45	44220.	108700.
#2	-.2824	.0504	.5443	51.94	45230.	109100.
#3	-.1771	-.4232	.4216	47.40	43440.	109200.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						100000.
Low Limit						-5000.

Sample Name: 460-13309-a-2-a Acquired: 5/20/2010 17:01:44 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F **316300.**	**612.0**	F **2219000.**	**2.406**	**7.610**	**-.7619**
Stddev	6478.	1.4	93250.	.227	1.145	2.393
%RSD	2.048	.2339	4.201	9.445	15.05	314.1
#1	314000.	610.9	2316000.	2.352	8.919	1.809
#2	323600.	611.4	2213000.	2.210	6.794	-2.926
#3	311300.	613.6	2129000.	2.655	7.116	-1.168
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.9553**	**-2.454**	**3.431**	**67.36**	**1808.**	**-.8888**
Stddev	1.454	.071	.091	1.20	32.	.2045
%RSD	152.2	2.900	2.640	1.787	1.777	23.01
#1	.0194	-2.483	3.426	66.92	1795.	-.6991
#2	-.2589	-2.372	3.343	68.72	1844.	-.8618
#3	-2.627	-2.505	3.524	66.44	1784.	-1.105
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13309-a-2-a Acquired: 5/20/2010 17:01:44 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.7950**	**2773.**	**1.195**
Stddev	.3838	1.	.105
%RSD	48.28	.0486	8.752
#1	.3656	2774.	1.223
#2	1.105	2772.	1.080
#3	.9150	2772.	1.283
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**3580.0**	**49629.**	**3758.3**
Stddev	59.8	489.	60.8
%RSD	1.6711	.98490	1.6187
#1	3627.4	50142.	3699.1
#2	3512.8	49575.	3755.2
#3	3599.9	49169.	3820.7

Sample Name: 460-13309-a-4-a Acquired: 5/20/2010 17:04:53 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**27.08**	**.1130**	**.2051**	**.5124**	**-.0079**	**29.92**
Stddev	8.02	1.255	.9914	.7414	.0779	11.01
%RSD	29.62	1111.	483.5	144.7	986.0	36.78
#1	19.63	-1.292	1.042	.1454	-.0105	42.25
#2	35.57	.5100	-.8900	.0261	.0713	21.09
#3	26.05	1.121	.4636	1.366	-.0845	26.43
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0708**	**.2715**	**-.1834**	**2.672**	**15.94**	**275.0**
Stddev	.0501	.2039	.1265	4.837	23.78	66.2
%RSD	70.78	75.09	68.99	181.0	149.1	24.07
#1	.0733	.0578	-.0403	2.213	25.63	343.5
#2	.0195	.2928	-.2295	7.722	33.35	211.5
#3	.1197	.4639	-.2804	-1.919	-11.15	269.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13309-a-4-a Acquired: 5/20/2010 17:04:53 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**29.38**	**.1423**	**2072.**	**-.1173**	**1.362**	**-1.548**
Stddev	18.61	.3549	371.	.3655	2.006	.558
%RSD	63.33	249.4	17.89	311.6	147.3	36.03
#1	20.58	.0315	2465.	-.4534	-.8022	-.9212
#2	50.76	.5394	2022.	-.1702	3.158	-1.734
#3	16.81	-.1440	1729.	.2718	1.730	-1.990
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1215**	**1.127**	**-.1124**	**.8207**	**7.540**	**.0636**
Stddev	1.641	.704	.3156	.2483	.532	.2854
%RSD	1351.	62.47	280.8	30.26	7.057	448.6
#1	-1.582	.4029	-.2311	.5378	8.106	-.0953
#2	.2562	1.809	-.3515	1.003	7.462	-.1069
#3	1.691	1.170	.2454	.9216	7.051	.3931
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13309-a-4-a Acquired: 5/20/2010 17:04:53 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.7099**	**.5130**	**-.1369**
Stddev	.3986	.2951	.1581
%RSD	56.15	57.51	115.4
#1	.7148	.8513	-.1335
#2	.3089	.3087	.0194
#3	1.106	.3792	-.2967
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4190.8**	**61547.**	**3907.8**
Stddev	41.7	259.	35.2
%RSD	.99609	.42054	.90095
#1	4213.1	61248.	3948.3
#2	4216.7	61693.	3884.2
#3	4142.7	61700.	3890.9

Sample Name: 460-13312-g-2-b Acquired: 5/20/2010 17:07:45 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**282.7**	**2.854**	**.0622**	**255.6**	**-.1507**	**86650.**
Stddev	24.9	1.892	.2871	.8	.2005	934.
%RSD	8.805	66.27	461.5	.3034	133.1	1.077
#1	306.1	4.082	.3933	256.0	-.2459	85610.
#2	285.6	3.805	-.0876	256.1	-.2858	87420.
#3	256.5	.6760	-.1190	254.7	.0797	86920.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0115**	**2.918**	**7.479**	**12.08**	**28710.**	**49190.**
Stddev	.0952	.121	.688	8.02	104.	335.
%RSD	829.6	4.148	9.202	66.39	.3624	.6801
#1	.1035	3.057	8.148	8.877	28830.	48820.
#2	.0175	2.863	6.773	6.158	28660.	49290.
#3	-.0865	2.835	7.516	21.21	28630.	49460.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13312-g-2-b Acquired: 5/20/2010 17:07:45 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**72610.**	**101.9**	**196000.**	**7.267**	**13.20**	**-.0677**
Stddev	141.	.3	1578.	.176	1.88	2.668
%RSD	.1948	.2586	.8048	2.426	14.24	3938.
#1	72650.	101.8	194200.	7.407	14.35	.6912
#2	72450.	102.2	197200.	7.069	14.21	-3.033
#3	72720.	101.7	196600.	7.326	11.03	2.138
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.922**	**-1.700**	**4.751**	**40.05**	**1061.**	**.5534**
Stddev	.761	1.953	.317	.20	4.	.1968
%RSD	39.58	114.9	6.666	.4896	.3389	35.56
#1	-1.264	-3.775	4.699	40.14	1064.	.7805
#2	-1.746	.1022	5.091	40.20	1063.	.4491
#3	-2.755	-1.428	4.464	39.83	1057.	.4308
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13312-g-2-b Acquired: 5/20/2010 17:07:45 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**11.05**	**571.8**	**9.521**
Stddev	.50	6.7	.252
%RSD	4.564	1.169	2.648
#1	10.47	564.4	9.476
#2	11.28	577.3	9.294
#3	11.39	573.9	9.792
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4012.8**	**56904.**	**3821.2**
Stddev	8.5	291.	47.2
%RSD	.21138	.51131	1.2351
#1	4018.2	57236.	3811.5
#2	4003.0	56694.	3779.6
#3	4017.2	56781.	3872.5

Sample Name: ICSA 481797 Acquired: 5/20/2010 17:10:46 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**507900.**	**.4508**	**1.018**	**-.0715**	**-.5325**	**502500.**
Stddev	1947.	2.440	1.438	.0973	.1009	584.
%RSD	.3833	541.1	141.3	136.1	18.95	.1161
#1	505700.	2.916	1.787	-.1034	-.6179	502600.
#2	508900.	-1.962	-.6412	-.1489	-.5586	503100.
#3	509200.	.3990	1.909	.0378	-.4211	501900.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.6617**	**2.118**	**-2.097**	**6.990**	**187000.**	**96.37**
Stddev	.0484	.108	.240	4.472	1237.	52.18
%RSD	7.315	5.120	11.45	63.98	.6614	54.15
#1	-.7174	2.202	-1.852	11.75	188400.	37.44
#2	-.6294	1.995	-2.106	2.869	186300.	136.7
#3	-.6384	2.156	-2.332	6.356	186200.	114.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 481797 Acquired: 5/20/2010 17:10:46 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**453700.**	**-8.598**	**1048.**	**5.981**	**6.444**	**-3.521**
Stddev	2024.	.135	47.	.202	.444	1.246
%RSD	.4460	1.564	4.520	3.376	6.896	35.40
#1	455900.	-8.472	1097.	5.971	6.491	-2.382
#2	453100.	-8.739	1043.	6.188	5.978	-4.852
#3	452000.	-8.583	1003.	5.785	6.863	-3.328
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-3.294**	**.2108**	**1.585**	**-2.632**	**3.055**	**-2.130**
Stddev	4.133	1.968	.445	.176	.529	.178
%RSD	125.5	933.3	28.06	6.699	17.32	8.373
#1	1.476	-1.253	2.033	-2.480	3.304	-2.304
#2	-5.816	-.5624	1.143	-2.590	2.447	-1.948
#3	-5.541	2.448	1.578	-2.825	3.414	-2.138
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 481797 Acquired: 5/20/2010 17:10:46 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.2861**	**5.340**	**-.4252**
Stddev	.3316	.168	.1015
%RSD	115.9	3.154	23.88
#1	.0162	5.167	-.3084
#2	.6563	5.349	-.4924
#3	.1859	5.503	-.4748
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**3891.5**	**53215.**	**3798.7**
Stddev	22.3	306.	17.9
%RSD	.57353	.57562	.47127
#1	3865.9	52870.	3818.0
#2	3906.8	53455.	3795.5
#3	3901.8	53319.	3782.6

Sample Name: ICSAB 481801 Acquired: 5/20/2010 17:13:52 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**505900.**	**93.39**	**103.8**	**95.39**	**100.4**	**494700.**
Stddev	1527.	1.80	1.1	1.11	.4	4289.
%RSD	.3018	1.927	1.069	1.163	.3546	.8669
#1	506200.	91.52	102.5	96.23	100.1	489800.
#2	504200.	95.11	104.6	95.81	100.4	496400.
#3	507200.	93.54	104.2	94.13	100.8	497900.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**89.79**	**91.61**	**99.91**	**103.9**	**189300.**	**10270.**
Stddev	.10	.35	.48	2.7	948.	68.
%RSD	.1103	.3793	.4761	2.612	.5006	.6613
#1	89.90	91.52	99.72	102.6	189400.	10310.
#2	89.78	91.99	99.55	102.1	190200.	10200.
#3	89.70	91.31	100.4	107.1	188300.	10310.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 481801 Acquired: 5/20/2010 17:13:52 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**459100.**	**91.68**	**11070.**	**96.11**	**96.82**	**91.39**
Stddev	4035.	.21	67.	.16	1.32	1.43
%RSD	.8790	.2331	.6011	.1648	1.366	1.570
#1	458300.	91.44	11100.	96.24	95.52	92.27
#2	455500.	91.72	11000.	95.93	98.17	92.16
#3	463500.	91.86	11120.	96.15	96.77	89.73
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**91.13**	**94.19**	**103.6**	**90.93**	**89.37**	**89.37**
Stddev	5.56	2.70	.6	.09	1.28	.40
%RSD	6.097	2.871	.6119	.0992	1.429	.4508
#1	85.26	96.74	104.1	90.99	90.56	89.82
#2	96.30	94.50	102.9	90.96	89.52	89.25
#3	91.84	91.35	103.8	90.82	88.02	89.04
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 481801 Acquired: 5/20/2010 17:13:52 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**89.03**	**106.7**	**94.95**
Stddev	1.04	.3	.40
%RSD	1.167	.3074	.4241
#1	89.77	106.6	95.15
#2	87.84	106.4	95.22
#3	89.48	107.0	94.49
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**3960.3**	**54342.**	**3851.4**
Stddev	24.4	117.	8.0
%RSD	.61624	.21597	.20862
#1	3935.2	54412.	3842.5
#2	3961.8	54407.	3858.1
#3	3984.0	54206.	3853.7

Sample Name: CCV Acquired: 5/20/2010 17:16:59 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**126200.**	**2463.**	**1252.**	**10140.**	**1021.**	**126500.**
Stddev	907.	6.	7.	28.	7.	953.
%RSD	.7187	.2472	.5417	.2718	.6972	.7534
#1	125300.	2470.	1258.	10170.	1013.	125600.
#2	127100.	2461.	1253.	10150.	1028.	127500.
#3	126200.	2458.	1244.	10110.	1021.	126300.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1233.**	**2482.**	**5155.**	**12700.**	**102000.**	**49200.**
Stddev	4.	7.	22.	95.	1336.	485.
%RSD	.2896	.2832	.4338	.7450	1.310	.9866
#1	1236.	2489.	5179.	12590.	103600.	48690.
#2	1234.	2483.	5153.	12770.	101300.	49660.
#3	1229.	2475.	5135.	12730.	101200.	49260.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/20/2010 17:16:59 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123800.**	**5112.**	**124300.**	**2486.**	**7443.**	**992.9**
Stddev	584.	48.	926.	8.	22.	4.9
%RSD	.4714	.9395	.7450	.3133	.2962	.4964
#1	123100.	5133.	123300.	2492.	7464.	994.9
#2	124100.	5146.	125100.	2488.	7444.	996.6
#3	124100.	5057.	124400.	2477.	7420.	987.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2475.**	**2525.**	**2524.**	**2479.**	**1072.**	**2422.**
Stddev	6.	5.	12.	6.	3.	9.
%RSD	.2224	.2109	.4931	.2482	.2796	.3871
#1	2481.	2526.	2536.	2485.	1074.	2432.
#2	2475.	2519.	2524.	2480.	1073.	2422.
#3	2470.	2529.	2511.	2473.	1069.	2413.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/20/2010 17:16:59 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**960.4**	**5149.**	**10140.**
Stddev	2.7	35.	28.
%RSD	.2797	.6779	.2760
#1	962.4	5115.	10170.
#2	961.4	5185.	10140.
#3	957.4	5146.	10120.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**3861.2**	**56753.**	**3890.6**
Stddev	8.5	197.	28.1
%RSD	.22128	.34798	.72259
#1	3858.0	56685.	3921.2
#2	3854.7	56598.	3866.0
#3	3870.9	56975.	3884.5

Sample Name: CCB Acquired: 5/20/2010 17:20:13 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**48.05**	**.2484**	**.1230**	**1.403**	**-.0192**	**39.22**
Stddev	14.31	.4941	1.380	.254	.1268	15.65
%RSD	29.78	198.9	1122.	18.11	661.2	39.89
#1	33.45	.7718	.7669	1.251	-.0832	45.01
#2	62.06	-.2101	-1.461	1.263	-.1012	21.51
#3	48.65	.1835	1.063	1.696	.1268	51.15
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1973**	**.5240**	**.5120**	**1.508**	**19.45**	**7.693**
Stddev	.0404	.2478	.2957	5.958	7.71	36.67
%RSD	20.47	47.29	57.76	395.1	39.65	476.6
#1	.2150	.5987	.6203	7.716	23.40	-20.97
#2	.1511	.2474	.1774	.9714	10.56	-4.957
#3	.2259	.7259	.7384	-4.163	24.38	49.01
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/20/2010 17:20:13 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**30.00**	**.5411**	**257.2**	**.4520**	**1.766**	**.4618**
Stddev	11.94	.2177	8.4	.2913	.560	3.083
%RSD	39.78	40.24	3.270	64.44	31.71	667.5
#1	27.11	.5997	262.4	.3715	1.461	-2.658
#2	19.78	.3000	247.5	.2095	2.413	.5379
#3	43.12	.7234	261.7	.7751	1.425	3.506
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.7147**	**2.950**	**.4389**	**.5430**	**4.889**	**1.173**
Stddev	1.874	1.082	.2312	.0984	.577	.106
%RSD	262.2	36.67	52.69	18.13	11.81	9.013
#1	.8026	2.192	.6128	.4306	5.422	1.293
#2	-2.810	2.470	.5273	.5848	4.967	1.096
#3	-.1369	4.189	.1765	.6136	4.276	1.129
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/20/2010 17:20:13 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.407**	**.8458**	**2.055**
Stddev	.133	.2055	.304
%RSD	9.461	24.29	14.78
#1	1.524	.7510	1.786
#2	1.437	.7049	1.994
#3	1.262	1.082	2.384
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4158.3**	**61716.**	**3863.2**
Stddev	37.5	306.	10.2
%RSD	.90235	.49636	.26273
#1	4200.2	61362.	3874.9
#2	4146.8	61888.	3858.2
#3	4127.9	61898.	3856.6

Sample Name: 460-13312-g-3-b Acquired: 5/20/2010 17:23:07 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**106.7**	**1.170**	**-.9362**	**230.6**	**-.1278**	**113400.**
Stddev	18.2	1.947	1.434	.7	.0995	601.
%RSD	17.11	166.4	153.2	.2920	77.85	.5296
#1	98.90	2.565	-2.499	231.1	-.0166	113500.
#2	93.57	1.999	-.6310	230.9	-.1583	112700.
#3	127.5	-1.054	.3210	229.9	-.2084	113900.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.1327**	**.8131**	**1.427**	**1.070**	**48400.**	**24500.**
Stddev	.1465	.2541	.331	4.097	832.	98.
%RSD	110.4	31.26	23.21	382.8	1.718	.3997
#1	-.2384	1.023	1.754	5.630	49100.	24530.
#2	-.1942	.5304	1.092	-.1174	48620.	24390.
#3	.0345	.8862	1.434	-2.302	47480.	24570.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13312-g-3-b Acquired: 5/20/2010 17:23:07 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**32950.**	**267.3**	**98280.**	**5.617**	**7.769**	**-2.036**
Stddev	398.	.1	494.	.273	.720	1.446
%RSD	1.207	.0331	.5029	4.862	9.269	71.02
#1	33300.	267.2	98400.	5.799	8.552	-3.701
#2	33040.	267.4	97740.	5.303	7.623	-1.301
#3	32520.	267.2	98710.	5.749	7.134	-1.105
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.204**	**-2.646**	**.8373**	**15.69**	**672.8**	**-.2571**
Stddev	1.519	.894	.4510	.13	3.2	.0676
%RSD	68.92	33.77	53.87	.8574	.4795	26.31
#1	-2.509	-3.030	1.307	15.62	674.4	-.1793
#2	-.5558	-3.283	.7970	15.61	675.0	-.3022
#3	-3.548	-1.624	.4078	15.85	669.1	-.2897
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13312-g-3-b Acquired: 5/20/2010 17:23:07 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**2.886**	**730.2**	**2.231**
Stddev	.770	4.2	.284
%RSD	26.68	.5805	12.74
#1	2.306	731.7	2.088
#2	3.760	725.4	2.559
#3	2.594	733.5	2.048
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4024.4**	**57186.**	**3789.5**
Stddev	36.1	203.	28.0
%RSD	.89659	.35487	.73852
#1	3992.8	57392.	3780.3
#2	4016.7	57181.	3820.9
#3	4063.7	56986.	3767.3

Sample Name: 460-13312-g-4-b Acquired: 5/20/2010 17:26:00 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**99.55**	**.5581**	**-.7283**	**322.2**	**.0205**	**31350.**
Stddev	31.48	.8027	.8268	1.3	.0602	142.
%RSD	31.62	143.8	113.5	.3898	294.0	.4524
#1	63.52	-.0783	-.2241	323.6	.0834	31480.
#2	113.4	1.460	-1.683	321.7	-.0366	31200.
#3	121.8	.2926	-.2782	321.3	.0146	31380.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0160**	**2.163**	**-.2000**	**-2.651**	**31760.**	**44410.**
Stddev	.0736	.142	.1289	3.764	352.	291.
%RSD	460.6	6.546	64.46	142.0	1.109	.6561
#1	-.0245	2.143	-.3043	-5.220	32130.	44590.
#2	-.0850	2.314	-.0558	-4.404	31710.	44080.
#3	.0615	2.033	-.2400	1.670	31440.	44580.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13312-g-4-b Acquired: 5/20/2010 17:26:00 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**134200.**	**313.6**	**198700.**	**5.529**	**4.299**	**-1.155**
Stddev	655.	1.7	968.	.296	1.269	.182
%RSD	.4883	.5523	.4871	5.352	29.52	15.76
#1	134600.	312.2	199500.	5.641	3.838	-1.365
#2	134600.	315.5	197600.	5.194	3.325	-1.046
#3	133500.	313.1	199000.	5.754	5.734	-1.053
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.3925**	**-.2818**	**1.681**	**15.71**	**1500.**	**-.5523**
Stddev	.8898	2.295	.993	.06	4.	.1647
%RSD	226.7	814.5	59.05	.3576	.2540	29.82
#1	-.5423	.9370	2.423	15.68	1504.	-.6494
#2	-1.198	1.147	.5533	15.67	1499.	-.6454
#3	.5626	-2.929	2.068	15.77	1497.	-.3622
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13312-g-4-b Acquired: 5/20/2010 17:26:00 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.6102**	**361.9**	**2.132**
Stddev	.4854	1.8	.289
%RSD	79.56	.4943	13.55
#1	.7772	363.3	1.938
#2	.9901	359.9	2.464
#3	.0633	362.6	1.993
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4084.1**	**57091.**	**3818.8**
Stddev	27.2	319.	39.6
%RSD	.66655	.55857	1.0367
#1	4059.1	57225.	3774.3
#2	4080.2	56727.	3849.9
#3	4113.1	57321.	3832.3

Sample Name: 460-13312-g-5-b Acquired: 5/20/2010 17:29:00 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3403.**	**5.034**	**1.389**	**1331.**	**-.0457**	**62520.**
Stddev	16.	1.143	.456	3.	.1527	243.
%RSD	.4718	22.71	32.81	.2432	334.1	.3883
#1	3416.	4.904	1.916	1334.	-.2220	62800.
#2	3385.	3.961	1.115	1327.	.0452	62420.
#3	3407.	6.236	1.138	1332.	.0397	62360.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.026**	**2.035**	**17.37**	**37.05**	F **242400.**	**23560.**
Stddev	.100	.155	.14	6.63	1387.	76.
%RSD	9.767	7.634	.7921	17.89	.5720	.3237
#1	-.9854	2.050	17.24	32.86	242000.	23530.
#2	-.9522	1.872	17.51	44.69	241300.	23650.
#3	-1.140	2.182	17.36	33.60	243900.	23500.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Sample Name: 460-13312-g-5-b Acquired: 5/20/2010 17:29:00 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**35370.**	**2088.**	F **415800.**	**10.36**	**20.07**	**-8.241**
Stddev	199.	4.	3497.	.14	.28	1.023
%RSD	.5631	.1759	.8411	1.399	1.408	12.42
#1	35150.	2084.	418100.	10.51	19.75	-7.587
#2	35420.	2088.	411800.	10.22	20.17	-7.717
#3	35540.	2091.	417400.	10.36	20.29	-9.421
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.482**	**-16.68**	**11.19**	**17.85**	**34.70**	**-.0246**
Stddev	.848	1.89	.32	.08	.47	.0548
%RSD	57.21	11.33	2.820	.4287	1.351	222.8
#1	-2.314	-16.23	10.98	17.93	35.23	-.0586
#2	-1.513	-18.76	11.55	17.80	34.56	.0386
#3	-.6191	-15.06	11.03	17.80	34.32	-.0538
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13312-g-5-b Acquired: 5/20/2010 17:29:00 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.426**	**597.2**	**125.9**
Stddev	.605	1.7	4.4
%RSD	42.41	.2911	3.459
#1	1.721	599.2	129.1
#2	.7303	596.1	120.9
#3	1.826	596.3	127.6
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4096.2**	**57392.**	**3946.5**
Stddev	19.2	130.	21.3
%RSD	.46975	.22702	.53981
#1	4118.0	57486.	3922.3
#2	4081.5	57243.	3962.7
#3	4089.1	57446.	3954.4

Sample Name: 460-13312-g-6-b Acquired: 5/20/2010 17:31:59 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**702.9**	**4.234**	**-.0811**	**93.99**	**.0337**	**7305.**
Stddev	6.1	.759	1.012	.22	.1304	97.
%RSD	.8700	17.92	1247.	.2380	387.1	1.332
#1	698.2	3.389	1.050	93.82	.1020	7410.
#2	700.6	4.456	-.8995	93.91	-.1167	7287.
#3	709.8	4.858	-.3938	94.24	.1158	7218.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.1175**	**-.3940**	**.4303**	**-5.688**	**37910.**	**7116.**
Stddev	.0186	.2087	.2831	3.687	191.	64.
%RSD	15.79	52.98	65.79	64.83	.5033	.8935
#1	-.1041	-.1539	.1427	-1.837	37690.	7152.
#2	-.1386	-.5321	.4395	-6.039	38030.	7154.
#3	-.1097	-.4959	.7087	-9.186	38010.	7043.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13312-g-6-b Acquired: 5/20/2010 17:31:59 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11550.**	**231.8**	**95420.**	**1.323**	**5.516**	**-3.359**
Stddev	27.	.4	1402.	.422	.554	1.420
%RSD	.2321	.1571	1.469	31.92	10.04	42.26
#1	11530.	231.4	96930.	1.650	4.878	-2.129
#2	11580.	232.1	95170.	1.472	5.808	-4.912
#3	11560.	231.9	94170.	.8461	5.863	-3.035
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.791**	**-1.044**	**1.798**	**5.249**	**83.30**	**.2200**
Stddev	2.321	1.336	.411	.093	.36	.0661
%RSD	129.6	127.9	22.88	1.776	.4281	30.02
#1	-.5570	-1.914	1.695	5.160	83.23	.1488
#2	-4.468	.4942	2.250	5.346	82.98	.2792
#3	-.3467	-1.713	1.447	5.241	83.68	.2321
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13312-g-6-b Acquired: 5/20/2010 17:31:59 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.8049**	**101.7**	**23.25**
Stddev	.2194	1.6	1.42
%RSD	27.26	1.556	6.123
#1	.9072	103.5	22.40
#2	.5530	101.0	24.89
#3	.9546	100.6	22.45
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4138.0**	**59037.**	**3790.7**
Stddev	7.2	165.	38.9
%RSD	.17341	.27878	1.0259
#1	4145.7	59165.	3753.5
#2	4137.0	59094.	3787.4
#3	4131.4	58851.	3831.1

Sample Name: 460-13312-g-7-b Acquired: 5/20/2010 17:34:51 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**15.01**	**-.1641**	**.0506**	**.0746**	**.0393**	**18.33**
Stddev	21.97	1.646	.6091	.0774	.1309	42.30
%RSD	146.4	1003.	1203.	103.7	333.0	230.8
#1	6.762	1.730	.6347	.0796	.1188	28.29
#2	-1.653	-1.246	.0979	-.0052	.1109	-28.07
#3	39.91	-.9763	-.5807	.1494	-.1118	54.76
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0359**	**.2505**	**-.6894**	**-1.856**	**-.8040**	**-6.072**
Stddev	.0841	.2334	.3438	3.027	23.49	90.46
%RSD	234.1	93.17	49.88	163.1	2921.	1490.
#1	.0385	.2201	-.9736	1.606	17.75	-61.74
#2	-.0192	.0338	-.3072	-3.168	-27.21	-54.78
#3	-.1271	.4977	-.7873	-4.005	7.054	98.30
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13312-g-7-b Acquired: 5/20/2010 17:34:51 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2.640**	**.0998**	**324.7**	**-.0133**	**.5602**	**-2.121**
Stddev	2.437	.0407	16.0	.3316	1.257	.517
%RSD	92.30	40.80	4.912	2498.	224.3	24.36
#1	3.303	.1374	336.6	-.3438	-.3403	-1.544
#2	4.677	.1055	330.8	.3195	1.996	-2.540
#3	-.0596	.0566	306.6	-.0155	.0251	-2.280
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.6262**	**1.583**	**-.4129**	**.8190**	**4.425**	**-.0282**
Stddev	.5455	1.199	.2085	.1244	.285	.1903
%RSD	87.12	75.71	50.49	15.18	6.439	675.7
#1	1.188	1.307	-.1947	.7611	4.168	.1148
#2	.5924	.5469	-.4339	.9617	4.731	-.2442
#3	.0983	2.896	-.6101	.7342	4.377	.0449
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-13312-g-7-b Acquired: 5/20/2010 17:34:51 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.6423**	**.2584**	**-.2146**
Stddev	.1924	.0477	.2037
%RSD	29.96	18.46	94.95
#1	.5814	.3116	.0167
#2	.8578	.2438	-.2928
#3	.4877	.2197	-.3676
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4290.9**	**61337.**	**3894.8**
Stddev	17.3	106.	15.4
%RSD	.40318	.17340	.39455
#1	4277.5	61229.	3888.0
#2	4310.4	61340.	3883.9
#3	4284.8	61442.	3912.3

Sample Name: mb 460-37892/1-a Acquired: 5/20/2010 17:37:43 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**27.74**	**.9480**	**.3105**	**.0853**	**-.1581**	**5.981**
Stddev	21.72	1.709	1.209	.0596	.1232	18.69
%RSD	78.32	180.2	389.3	69.88	77.94	312.6
#1	32.35	.0383	.6943	.1253	-.0234	3.762
#2	4.078	2.919	1.281	.0168	-.1857	25.69
#3	46.79	-.1133	-1.044	.1139	-.2652	-11.51
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0299**	**.0555**	**-.6199**	**.8508**	**12.20**	**-65.97**
Stddev	.0190	.2814	.2300	2.302	6.48	48.05
%RSD	63.71	506.9	37.10	270.6	53.16	72.83
#1	-.0142	-.1195	-.4805	1.024	6.126	-120.5
#2	-.0243	-.0941	-.8854	3.061	11.44	-29.71
#3	-.0511	.3801	-.4939	-1.533	19.03	-47.73
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-37892/1-a Acquired: 5/20/2010 17:37:43 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.6934**	**-.0272**	**206.6**	**.0282**	**.0522**	**-1.860**
Stddev	2.748	.0654	5.2	.3314	.9713	2.465
%RSD	396.3	240.8	2.498	1173.	1860.	132.5
#1	.9496	-.0470	203.1	-.3482	-.7868	.3035
#2	-2.174	-.0804	212.5	.2761	1.116	-1.340
#3	3.305	.0459	204.2	.1568	-.1729	-4.543
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1.540**	**1.871**	**-.0107**	**.3107**	**3.059**	**-.0247**
Stddev	1.660	2.010	.2685	.2101	.595	.1530
%RSD	107.8	107.4	2502.	67.62	19.46	620.4
#1	-.2992	2.714	.2742	.5532	3.743	-.1812
#2	1.994	3.323	-.0474	.1947	2.771	.1244
#3	2.927	-.4225	-.2590	.1842	2.663	-.0172
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-37892/1-a Acquired: 5/20/2010 17:37:43 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3463**	**.0066**	**-.1982**
Stddev	.5231	.2759	.1292
%RSD	151.1	4165.	65.20
#1	-.2570	-.2713	-.2608
#2	.6731	.2804	-.2841
#3	.6227	.0108	-.0496
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4200.5**	**60613.**	**3901.5**
Stddev	4.8	177.	41.9
%RSD	.11515	.29159	1.0747
#1	4201.5	60418.	3932.0
#2	4204.8	60764.	3918.7
#3	4195.3	60655.	3853.7

Sample Name: lcs 460-37892/2-a Acquired: 5/20/2010 17:40:35 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2124.**	**1889.**	**51.32**	**2037.**	**53.23**	**20690.**
Stddev	12.	6.	.85	6.	.51	59.
%RSD	.5844	.3325	1.655	.2771	.9552	.2835
#1	2119.	1885.	51.29	2033.	53.81	20760.
#2	2115.	1887.	52.19	2035.	53.03	20650.
#3	2138.	1896.	50.49	2044.	52.86	20660.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**50.60**	**512.5**	**218.6**	**268.5**	**1057.**	**20350.**
Stddev	.24	1.6	.7	3.5	5.	92.
%RSD	.4725	.3055	.3197	1.308	.4687	.4503
#1	50.41	511.5	219.5	268.1	1060.	20390.
#2	50.52	511.8	218.3	272.1	1060.	20240.
#3	50.87	514.3	218.2	265.1	1052.	20410.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-37892/2-a Acquired: 5/20/2010 17:40:35 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19730.**	**551.0**	**21170.**	**516.9**	**523.3**	**479.6**
Stddev	82.	.5	105.	1.0	1.6	1.6
%RSD	.4162	.0897	.4967	.1962	.3125	.3433
#1	19760.	550.9	21300.	515.7	522.3	480.5
#2	19790.	551.6	21100.	517.3	522.5	477.7
#3	19630.	550.6	21120.	517.6	525.2	480.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1966.**	**2184.**	**529.6**	**508.4**	**457.0**	**483.4**
Stddev	7.	9.	.6	1.9	2.6	1.3
%RSD	.3795	.3898	.1065	.3719	.5738	.2586
#1	1959.	2181.	529.3	507.2	454.7	483.1
#2	1965.	2178.	530.2	507.5	456.5	482.4
#3	1974.	2194.	529.2	510.6	459.8	484.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-37892/2-a Acquired: 5/20/2010 17:40:35 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**497.5**	**530.1**	**509.6**
Stddev	.9	2.0	1.8
%RSD	.1859	.3803	.3594
#1	496.5	532.4	510.5
#2	497.4	528.8	510.8
#3	498.4	529.0	507.5
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4101.9**	**58657.**	**3786.0**
Stddev	20.6	128.	13.0
%RSD	.50220	.21741	.34318
#1	4094.7	58581.	3786.8
#2	4085.9	58585.	3772.7
#3	4125.1	58804.	3798.6

Sample Name: 360-28243-a-11-f du Acquired: 5/20/2010 17:43:23 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2843.**	**3.109**	**.4082**	**20.03**	**.0299**	**1108.**
Stddev	43.	.568	.0581	.12	.0548	7.
%RSD	1.509	18.27	14.23	.6184	183.3	.6644
#1	2859.	2.549	.4718	20.15	-.0264	1111.
#2	2875.	3.094	.3948	19.90	.0831	1112.
#3	2794.	3.685	.3579	20.03	.0330	1099.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0808**	**.7884**	**4.000**	**55.89**	**1581.**	**274.2**
Stddev	.0400	.1380	.990	4.92	95.	61.7
%RSD	49.47	17.51	24.74	8.801	5.997	22.50
#1	.1260	.6870	5.142	56.71	1691.	270.7
#2	.0499	.9456	3.415	60.36	1532.	214.3
#3	.0667	.7327	3.442	50.62	1522.	337.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-11-f du Acquired: 5/20/2010 17:43:23 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**475.1**	**31.80**	**11240.**	**1.875**	**86.72**	**.3360**
Stddev	124.0	1.18	75.	.160	.80	1.336
%RSD	26.11	3.712	.6714	8.532	.9247	397.6
#1	618.3	33.16	11330.	1.691	87.64	-.0261
#2	402.6	31.14	11180.	1.967	86.36	-.7816
#3	404.3	31.09	11220.	1.969	86.15	1.816
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.7142**	**2.185**	**5.654**	**36.37**	**59.06**	**.9290**
Stddev	3.245	1.528	.883	.48	1.29	.1845
%RSD	454.3	69.94	15.62	1.329	2.185	19.85
#1	2.310	.5182	6.669	36.92	60.42	.8058
#2	-4.142	2.516	5.062	36.06	57.86	1.141
#3	-.3106	3.520	5.230	36.11	58.90	.8402
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-11-f du Acquired: 5/20/2010 17:43:23 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.7430**	**5.301**	**113.4**
Stddev	.3619	.180	3.9
%RSD	48.71	3.404	3.476
#1	1.134	5.506	117.8
#2	.6742	5.230	110.2
#3	.4205	5.166	112.1
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4334.1**	**63055.**	**3844.7**
Stddev	43.0	555.	40.6
%RSD	.99289	.88038	1.0569
#1	4285.0	62425.	3799.9
#2	4365.3	63273.	3855.1
#3	4352.0	63469.	3879.1

Sample Name: 360-28243-a-11-e Acquired: 5/20/2010 17:46:15 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2752.**	**.9864**	**-.1828**	**19.45**	**-.0789**	**1094.**
Stddev	17.	.7599	1.075	.13	.0743	21.
%RSD	.6210	77.05	588.3	.6515	94.21	1.942
#1	2745.	.6759	.9215	19.58	-.0721	1115.
#2	2738.	.4308	-1.227	19.32	-.0082	1096.
#3	2771.	1.852	-.2430	19.46	-.1564	1072.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0667**	**.5732**	**3.412**	**58.75**	**1468.**	**228.8**
Stddev	.0677	.1797	.064	7.09	17.	87.3
%RSD	101.5	31.36	1.867	12.07	1.191	38.16
#1	.0897	.5358	3.445	65.85	1480.	282.0
#2	.1199	.4151	3.452	58.74	1477.	276.3
#3	-.0095	.7686	3.338	51.66	1448.	128.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-11-e Acquired: 5/20/2010 17:46:15 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**386.2**	**30.97**	**11040.**	**1.858**	**84.77**	**-.3373**
Stddev	2.6	.31	80.	.416	.61	1.811
%RSD	.6850	1.001	.7232	22.41	.7186	536.8
#1	387.2	30.96	10950.	2.074	85.38	-1.720
#2	388.2	31.29	11060.	2.122	84.17	1.712
#3	383.2	30.67	11110.	1.378	84.75	-1.004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.3222**	**1.958**	**5.453**	**35.20**	**55.38**	**.6242**
Stddev	2.544	1.825	.442	.09	.59	.3057
%RSD	789.5	93.21	8.110	.2517	1.074	48.97
#1	2.601	1.175	4.952	35.16	55.86	.8310
#2	-1.534	4.045	5.616	35.30	55.57	.7685
#3	-2.034	.6556	5.790	35.14	54.71	.2731
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-11-e Acquired: 5/20/2010 17:46:15 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.8516**	**5.133**	**103.2**
Stddev	.6489	.216	.3
%RSD	76.20	4.210	.2577
#1	.1767	4.966	103.5
#2	1.471	5.377	103.0
#3	.9072	5.057	103.0
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4426.7**	**62499.**	**4001.1**
Stddev	14.3	235.	12.8
%RSD	.32396	.37546	.32071
#1	4416.5	62379.	4009.5
#2	4420.6	62349.	4007.4
#3	4443.1	62770.	3986.3

Sample Name: sd 360-28243-a-11-e@ Acquired: 5/20/2010 17:49:07 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**578.3**	**.8234**	**.0174**	**3.893**	**-.1146**	**249.2**
Stddev	24.6	.9078	.1218	.077	.1339	13.6
%RSD	4.257	110.3	699.4	1.985	116.8	5.470
#1	606.4	-.2244	.1539	3.928	-.0706	256.7
#2	560.7	1.373	-.0804	3.804	-.2649	233.5
#3	567.8	1.321	-.0212	3.946	-.0082	257.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0054**	**.2538**	**.8174**	**8.040**	**292.0**	**73.31**
Stddev	.0706	.0962	.2875	5.755	7.2	81.39
%RSD	1311.	37.89	35.17	71.57	2.481	111.0
#1	.0121	.1427	.5366	1.443	300.3	156.8
#2	-.0832	.3095	1.111	12.03	287.0	-5.781
#3	.0548	.3091	.8046	10.65	288.6	68.89
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 360-28243-a-11-e@ Acquired: 5/20/2010 17:49:07 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**79.90**	**6.086**	**2285.**	**.3041**	**18.53**	**.1228**
Stddev	1.79	.056	15.	.2896	.97	1.493
%RSD	2.235	.9228	.6375	95.23	5.219	1216.
#1	78.34	6.059	2269.	.0763	17.70	-.0001
#2	81.85	6.151	2296.	.6301	19.59	-1.305
#3	79.51	6.050	2291.	.2060	18.30	1.674
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-3.107**	**2.950**	**1.269**	**9.447**	**12.27**	**.0630**
Stddev	2.196	.888	.183	.233	.27	.1414
%RSD	70.68	30.11	14.43	2.464	2.225	224.5
#1	-2.079	2.230	1.059	9.713	12.00	.2232
#2	-5.628	2.678	1.352	9.351	12.54	-.0441
#3	-1.614	3.943	1.397	9.279	12.28	.0098
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 360-28243-a-11-e@ Acquired: 5/20/2010 17:49:07 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.7126**	**1.223**	**20.77**
Stddev	.4551	.193	.08
%RSD	63.86	15.76	.4035
#1	1.042	1.423	20.68
#2	.9030	1.039	20.84
#3	.1933	1.208	20.78
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4247.8**	**62661.**	**4011.0**
Stddev	7.4	530.	8.0
%RSD	.17357	.84515	.19839
#1	4252.7	63268.	4019.1
#2	4251.3	62422.	4010.7
#3	4239.3	62293.	4003.2

Sample Name: CCV Acquired: 5/20/2010 17:52:00 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**127000.**	**2485.**	**1267.**	**10240.**	**1016.**	**128600.**
Stddev	1288.	6.	5.	15.	10.	1159.
%RSD	1.015	.2537	.3619	.1489	.9952	.9017
#1	125500.	2492.	1271.	10260.	1005.	127300.
#2	128000.	2485.	1269.	10240.	1025.	129600.
#3	127300.	2480.	1262.	10230.	1019.	128800.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1244.**	**2514.**	**5209.**	**12700.**	**103300.**	**50020.**
Stddev	2.	6.	10.	129.	1542.	504.
%RSD	.1342	.2298	.1899	1.014	1.493	1.008
#1	1246.	2519.	5217.	12550.	104900.	49450.
#2	1243.	2513.	5212.	12800.	103100.	50410.
#3	1242.	2508.	5198.	12740.	101900.	50200.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/20/2010 17:52:00 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**124200.**	**5207.**	**126500.**	**2511.**	**7531.**	**1001.**
Stddev	872.	49.	1372.	5.	10.	1.
%RSD	.7017	.9428	1.084	.2006	.1322	.1057
#1	125200.	5152.	125000.	2516.	7542.	1002.
#2	123500.	5224.	127700.	2511.	7524.	1000.
#3	124000.	5245.	126800.	2506.	7525.	1002.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2494.**	**2528.**	**2562.**	**2507.**	**1084.**	**2449.**
Stddev	4.	16.	6.	4.	1.	8.
%RSD	.1780	.6501	.2508	.1456	.0525	.3163
#1	2497.	2532.	2565.	2511.	1084.	2456.
#2	2489.	2510.	2567.	2507.	1084.	2450.
#3	2497.	2542.	2555.	2504.	1083.	2441.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/20/2010 17:52:00 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**972.0**	**5234.**	**10260.**
Stddev	2.9	47.	11.
%RSD	.2935	.9056	.1084
#1	973.6	5182.	10260.
#2	973.7	5275.	10270.
#3	968.7	5246.	10250.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**3814.0**	**56099.**	**3843.1**
Stddev	28.1	131.	27.4
%RSD	.73782	.23333	.71358
#1	3782.1	56249.	3874.6
#2	3824.4	56009.	3825.1
#3	3835.5	56038.	3829.4

Sample Name: CCB Acquired: 5/20/2010 17:55:14 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**28.31**	**1.938**	**.7732**	**.7926**	**.1792**	**39.49**
Stddev	23.48	1.758	.4285	.2481	.1177	15.24
%RSD	82.94	90.71	55.42	31.30	65.71	38.60
#1	54.99	1.863	.4127	1.073	.3068	54.77
#2	10.81	.2187	.6599	.6000	.0749	39.39
#3	19.12	3.732	1.247	.7052	.1557	24.29
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0750**	**.0529**	**.6159**	**4.676**	**8.885**	**23.15**
Stddev	.1077	.1473	.1954	.647	14.24	62.28
%RSD	143.6	278.2	31.72	13.83	160.3	269.0
#1	.1994	.0196	.5263	4.801	19.97	87.83
#2	.0146	.2140	.4814	3.976	13.86	-36.43
#3	.0111	-.0749	.8400	5.252	-7.175	18.05
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/20/2010 17:55:14 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**22.50**	**.8935**	**207.8**	**-.0584**	**1.687**	**1.486**
Stddev	4.83	.1196	46.5	.3690	.070	.847
%RSD	21.44	13.38	22.36	631.6	4.178	56.98
#1	27.02	.9429	247.9	-.3149	1.607	2.391
#2	23.07	.9806	218.5	-.2249	1.718	.7132
#3	17.42	.7572	156.9	.3645	1.738	1.354
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-3.212**	**2.653**	**.5050**	**.2872**	**4.033**	**.9475**
Stddev	.269	.691	.0657	.1277	.553	.3105
%RSD	8.367	26.03	13.00	44.46	13.72	32.77
#1	-3.227	3.441	.4783	.4269	3.512	1.221
#2	-3.473	2.367	.4570	.2580	4.614	.6101
#3	-2.936	2.152	.5798	.1766	3.973	1.011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/20/2010 17:55:14 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.611**	**1.389**	**2.762**
Stddev	.206	.221	.254
%RSD	12.81	15.88	9.204
#1	1.508	1.643	3.038
#2	1.477	1.239	2.709
#3	1.849	1.287	2.538
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4189.9**	**63376.**	**3846.9**
Stddev	9.4	3981.	4.4
%RSD	.22549	6.2817	.11452
#1	4198.6	67963.	3850.8
#2	4179.8	60823.	3842.1
#3	4191.3	61341.	3847.7

Sample Name: 360-28243-a-11-g ms Acquired: 5/20/2010 17:58:08 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4924.**	**1823.**	**49.83**	**1976.**	**51.75**	**20970.**
Stddev	19.	1.	1.04	1.	.24	69.
%RSD	.3811	.0418	2.098	.0378	.4595	.3305
#1	4924.	1823.	50.68	1976.	51.70	21010.
#2	4942.	1822.	50.16	1975.	52.01	21000.
#3	4904.	1824.	48.66	1976.	51.54	20890.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**48.59**	**492.1**	**215.8**	**313.4**	**2515.**	**19780.**
Stddev	.08	.3	.2	7.8	17.	113.
%RSD	.1683	.0584	.0898	2.490	.6606	.5720
#1	48.67	491.9	215.6	315.6	2525.	19870.
#2	48.51	492.0	216.0	319.9	2496.	19800.
#3	48.59	492.4	215.8	304.7	2525.	19650.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-11-g ms Acquired: 5/20/2010 17:58:08 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**19530.**	**561.6**	**30860.**	**497.3**	**582.6**	**457.9**
Stddev	75.	.3	183.	.5	.3	.4
%RSD	.3816	.0472	.5938	.1016	.0547	.0957
#1	19530.	561.9	30970.	497.2	582.9	457.4
#2	19460.	561.7	30960.	496.8	582.3	457.8
#3	19600.	561.4	30650.	497.8	582.7	458.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1899.**	**2097.**	**516.2**	**524.0**	**496.6**	**460.1**
Stddev	3.	6.	1.0	.8	.4	.4
%RSD	.1502	.2643	.1966	.1477	.0872	.0775
#1	1896.	2097.	515.3	524.1	496.8	459.8
#2	1902.	2091.	517.3	523.3	497.0	460.5
#3	1900.	2102.	516.0	524.8	496.2	459.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-11-g ms Acquired: 5/20/2010 17:58:08 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**472.9**	**515.6**	**596.7**
Stddev	1.4	2.1	1.6
%RSD	.2944	.4140	.2744
#1	471.4	516.5	597.3
#2	473.5	517.1	594.9
#3	474.0	513.1	598.0
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4200.0**	**59847.**	**3913.1**
Stddev	15.4	110.	16.3
%RSD	.36624	.18367	.41570
#1	4209.9	59952.	3923.2
#2	4207.9	59733.	3894.3
#3	4182.3	59858.	3921.8

Sample Name: 360-28243-a-2-c Acquired: 5/20/2010 18:00:55 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2961.**	**4.091**	**.9903**	**31.29**	**-.0823**	**1420.**
Stddev	6.	1.064	.8061	.05	.0877	23.
%RSD	.2160	26.01	81.40	.1495	106.6	1.641
#1	2964.	5.082	1.719	31.33	-.1573	1438.
#2	2953.	2.966	1.128	31.29	.0141	1394.
#3	2965.	4.226	.1243	31.24	-.1038	1430.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0370**	**.9204**	**2.286**	**43.91**	**1431.**	**152.8**
Stddev	.0583	.2762	.230	9.11	23.	49.3
%RSD	157.9	30.01	10.05	20.74	1.635	32.29
#1	.0551	.8439	2.504	38.50	1457.	187.9
#2	.0841	1.227	2.047	54.42	1424.	96.39
#3	-.0283	.6905	2.308	38.80	1412.	174.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-2-c Acquired: 5/20/2010 18:00:55 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**465.7**	**35.09**	**7761.**	**2.110**	**145.9**	**-.9887**
Stddev	5.7	.06	30.	.184	.7	.9577
%RSD	1.220	.1625	.3807	8.707	.5101	96.87
#1	471.8	35.08	7766.	2.166	145.6	-2.093
#2	460.6	35.05	7729.	2.259	145.4	-.3912
#3	464.7	35.16	7787.	1.905	146.8	-.4816
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4281**	**1.333**	**4.828**	**34.88**	**33.55**	**.3962**
Stddev	1.887	2.436	.220	.31	.51	.1281
%RSD	440.9	182.7	4.561	.8766	1.527	32.34
#1	1.517	1.985	4.934	35.03	34.05	.2608
#2	1.518	-1.362	4.575	35.07	33.02	.5156
#3	-1.751	3.377	4.975	34.52	33.57	.4121
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-2-c Acquired: 5/20/2010 18:00:55 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.8476**	**6.972**	**87.68**
Stddev	.4142	.084	.55
%RSD	48.86	1.202	.6278
#1	.5356	6.922	88.30
#2	1.317	7.069	87.48
#3	.6897	6.925	87.26
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4294.3**	**61476.**	**3953.2**
Stddev	21.2	214.	18.8
%RSD	.49435	.34744	.47614
#1	4271.8	61723.	3971.8
#2	4314.0	61347.	3953.6
#3	4297.1	61359.	3934.2

Sample Name: 360-28243-a-3-c Acquired: 5/20/2010 18:03:47 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**545.9**	**2.164**	**1.067**	**4.091**	**-.0053**	**718.1**
Stddev	28.7	.436	.306	.038	.0871	16.8
%RSD	5.252	20.13	28.71	.9358	1635.	2.337
#1	579.1	2.619	1.065	4.052	-.0329	714.8
#2	529.0	1.751	.7622	4.128	.0923	703.2
#3	529.7	2.123	1.375	4.093	-.0753	736.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0492**	**.2574**	**.3556**	**4.704**	**229.1**	**364.8**
Stddev	.0105	.0940	.4051	2.208	7.9	48.7
%RSD	21.36	36.53	113.9	46.94	3.431	13.35
#1	.0445	.2021	-.0991	7.204	224.1	354.5
#2	.0613	.2041	.4880	3.023	238.2	322.1
#3	.0419	.3659	.6778	3.885	225.1	417.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-3-c Acquired: 5/20/2010 18:03:47 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**149.5**	**5.379**	**1597.**	**.6421**	**7.527**	**-.4821**
Stddev	3.6	.044	47.	.3551	.556	2.230
%RSD	2.435	.8256	2.960	55.31	7.385	462.6
#1	146.3	5.371	1606.	.9650	7.891	1.356
#2	153.4	5.340	1639.	.2618	7.802	-2.963
#3	148.8	5.427	1545.	.6995	6.887	.1608
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.8456**	**1.966**	**.7536**	**22.85**	**33.57**	**.2926**
Stddev	1.494	1.656	.5326	.10	.70	.0881
%RSD	176.7	84.23	70.68	.4398	2.071	30.09
#1	-.7720	.0545	.1481	22.74	34.08	.3742
#2	1.136	2.878	.9629	22.94	33.86	.3043
#3	2.173	2.966	1.150	22.87	32.78	.1993
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-3-c Acquired: 5/20/2010 18:03:47 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.9169**	**3.807**	**17.71**
Stddev	.3916	.172	.39
%RSD	42.71	4.508	2.188
#1	1.126	3.785	18.09
#2	1.160	3.989	17.73
#3	.4651	3.648	17.31
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4317.3**	**62673.**	**3988.1**
Stddev	11.9	97.	20.4
%RSD	.27673	.15419	.51180
#1	4323.7	62776.	3974.3
#2	4303.6	62585.	3978.6
#3	4324.7	62657.	4011.6

Sample Name: 360-28243-a-4-d Acquired: 5/20/2010 18:06:39 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**85.04**	**1.388**	**-.2423**	**1.922**	**-.1520**	**536.6**
Stddev	14.48	.732	.1908	.048	.1416	7.2
%RSD	17.02	52.72	78.74	2.512	93.14	1.336
#1	72.19	2.232	-.3142	1.893	-.2939	535.0
#2	82.21	.9902	-.3867	1.894	-.0107	544.4
#3	100.7	.9410	-.0260	1.977	-.1513	530.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0399**	**.2669**	**-.4345**	**4.234**	**14.78**	**557.1**
Stddev	.0185	.1446	.0515	7.365	9.64	29.2
%RSD	46.40	54.19	11.85	174.0	65.22	5.245
#1	-.0204	.1820	-.4893	10.72	8.160	579.8
#2	-.0572	.1847	-.4269	5.756	10.34	524.1
#3	-.0421	.4338	-.3872	-3.774	25.84	567.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-4-d Acquired: 5/20/2010 18:06:39 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**126.8**	**3.012**	**1346.**	**.1081**	**.7348**	**.2482**
Stddev	2.1	.051	20.	.2249	.6087	1.033
%RSD	1.618	1.693	1.454	208.0	82.84	416.1
#1	126.4	3.026	1352.	.2383	.0666	-.0751
#2	129.0	2.955	1324.	-.1515	1.258	1.404
#3	125.0	3.054	1362.	.2376	.8801	-.5844
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.3458**	**1.487**	**.7169**	**.8933**	**11.45**	**.4384**
Stddev	.7543	1.451	.4396	.0798	.39	.1244
%RSD	218.1	97.63	61.32	8.928	3.394	28.38
#1	-.3055	3.036	.2150	.8457	11.46	.4018
#2	-1.120	.1584	.9020	.8488	11.06	.3364
#3	.3875	1.266	1.034	.9854	11.84	.5770
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-4-d Acquired: 5/20/2010 18:06:39 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.5928**	**2.364**	**1.023**
Stddev	.7100	.101	.089
%RSD	119.8	4.273	8.705
#1	1.361	2.274	.9286
#2	-.0396	2.473	1.106
#3	.4573	2.344	1.034
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4466.2**	**64640.**	**4184.7**
Stddev	3.5	112.	28.0
%RSD	.07737	.17293	.66953
#1	4466.0	64518.	4209.6
#2	4469.7	64737.	4154.3
#3	4462.8	64664.	4190.2

Sample Name: 360-28243-a-5-c Acquired: 5/20/2010 18:09:30 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1451.**	**2.790**	**.6314**	**47.10**	**-.0884**	**12680.**
Stddev	4.	.937	.3161	.10	.0849	77.
%RSD	.2738	33.58	50.06	.2061	96.01	.6109
#1	1447.	1.849	.9879	47.01	.0095	12590.
#2	1453.	2.798	.3852	47.09	-.1411	12700.
#3	1454.	3.723	.5211	47.21	-.1336	12740.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0485**	**.3893**	**2.257**	**1.637**	**493.2**	**1200.**
Stddev	.0508	.1055	.183	7.187	22.9	87.
%RSD	104.6	27.09	8.107	439.0	4.637	7.242
#1	.0368	.5098	2.059	8.779	493.7	1234.
#2	.0046	.3133	2.420	-5.593	515.9	1101.
#3	.1042	.3450	2.292	1.725	470.2	1264.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-5-c Acquired: 5/20/2010 18:09:30 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**826.7**	**10.94**	**1264.**	**.9857**	**25.65**	**.1084**
Stddev	3.3	.05	45.	.1492	1.46	1.937
%RSD	.4007	.4721	3.553	15.14	5.695	1786.
#1	824.9	10.92	1213.	.9175	25.58	1.945
#2	830.5	11.00	1297.	1.157	24.22	-1.915
#3	824.6	10.91	1281.	.8828	27.14	.2946
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.8507**	**.9724**	**3.630**	**30.50**	**14.52**	**.8727**
Stddev	.2686	1.255	.256	.19	.95	.3268
%RSD	31.58	129.1	7.039	.6359	6.551	37.45
#1	-.7096	-.4663	3.529	30.46	13.65	1.242
#2	-.6820	1.541	3.920	30.71	15.54	.6192
#3	-1.160	1.842	3.440	30.33	14.38	.7574
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-5-c Acquired: 5/20/2010 18:09:30 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.295**	**50.65**	**35.90**
Stddev	.200	.41	.89
%RSD	15.42	.8063	2.483
#1	1.161	50.31	34.94
#2	1.199	50.52	36.07
#3	1.524	51.10	36.70
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4512.1**	**65122.**	**4137.3**
Stddev	10.5	121.	4.4
%RSD	.23295	.18648	.10563
#1	4506.4	65236.	4142.0
#2	4505.7	64994.	4133.5
#3	4524.2	65134.	4136.3

Sample Name: 360-28243-a-6-c Acquired: 5/20/2010 18:12:21 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**140.5**	**.4292**	**.3253**	**4.562**	**.0063**	**615.7**
Stddev	5.6	.9353	.6661	.084	.0826	10.3
%RSD	4.018	217.9	204.7	1.832	1311.	1.668
#1	138.5	-.4209	-.3856	4.494	.0210	616.3
#2	146.9	.2774	.4268	4.655	-.0827	605.1
#3	136.1	1.431	.9349	4.536	.0806	625.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0153**	**.0541**	**-.4516**	**.8304**	**14.38**	**380.6**
Stddev	.0345	.0683	.2574	3.399	6.07	46.3
%RSD	226.2	126.3	57.00	409.3	42.25	12.16
#1	-.0279	-.0231	-.4597	-2.282	17.99	371.2
#2	-.0416	.1070	-.1902	4.457	17.78	339.7
#3	.0238	.0784	-.7048	.3162	7.364	430.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-6-c Acquired: 5/20/2010 18:12:21 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**116.9**	**2.080**	**1804.**	**-.3138**	**1.209**	**22.01**
Stddev	4.1	.015	6.	.4392	.326	.91
%RSD	3.502	.7086	.3311	140.0	26.98	4.124
#1	117.0	2.095	1809.	-.3314	1.141	23.06
#2	112.7	2.080	1806.	-.7439	.9221	21.39
#3	120.9	2.065	1797.	.1339	1.564	21.59
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.4406**	**1.733**	**.2725**	**.9412**	**14.38**	**.8490**
Stddev	1.792	1.369	.2459	.0888	.23	.1892
%RSD	406.7	78.96	90.23	9.437	1.577	22.29
#1	2.405	2.572	.5298	.9101	14.29	.6456
#2	.0198	.1539	.0399	1.041	14.64	1.020
#3	-1.103	2.474	.2479	.8721	14.22	.8815
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-6-c Acquired: 5/20/2010 18:12:21 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.7340**	**2.419**	**.4337**
Stddev	.0611	.301	.1063
%RSD	8.323	12.46	24.51
#1	.7679	2.407	.3973
#2	.6635	2.726	.3505
#3	.7706	2.124	.5535
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4493.1**	**65422.**	**4240.2**
Stddev	6.0	955.	14.0
%RSD	.13401	1.4592	.33056
#1	4487.6	65272.	4238.3
#2	4499.5	64551.	4227.2
#3	4492.1	66443.	4255.0

Sample Name: 360-28243-a-7-d Acquired: 5/20/2010 18:15:13 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2260.**	**.7271**	**-.0723**	**14.58**	**-.0426**	**3337.**
Stddev	31.	1.715	.2147	.18	.1511	24.
%RSD	1.383	235.8	296.8	1.239	354.4	.7208
#1	2270.	2.660	-.0326	14.41	.1314	3339.
#2	2284.	-.6117	-.3041	14.77	-.1409	3360.
#3	2224.	.1332	.1197	14.57	-.1184	3312.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0052**	**.4785**	**.9820**	**-.5280**	**1044.**	**480.7**
Stddev	.0158	.0103	.3305	1.565	31.	37.0
%RSD	303.3	2.144	33.66	296.4	3.011	7.688
#1	.0234	.4904	1.243	-2.099	1029.	520.3
#2	-.0053	.4723	.6105	1.030	1023.	447.1
#3	-.0025	.4729	1.092	-.5146	1080.	474.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-7-d Acquired: 5/20/2010 18:15:13 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**407.3**	**6.890**	**1466.**	**1.240**	**2.893**	**-.7171**
Stddev	4.0	.030	22.	.087	.231	1.099
%RSD	.9884	.4353	1.504	6.991	7.968	153.2
#1	403.0	6.859	1446.	1.326	3.049	-1.473
#2	411.0	6.919	1490.	1.153	2.628	-1.222
#3	407.9	6.891	1463.	1.240	3.002	.5436
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.018**	**1.293**	**4.176**	**2.236**	**20.20**	**.4593**
Stddev	2.195	.597	.285	.027	.39	.1473
%RSD	108.8	46.16	6.835	1.219	1.941	32.06
#1	-4.427	1.972	4.101	2.267	20.16	.3066
#2	-.1335	1.056	4.492	2.222	19.83	.4710
#3	-1.492	.8505	3.936	2.219	20.61	.6004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-7-d Acquired: 5/20/2010 18:15:13 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.6729**	**15.16**	**82.90**
Stddev	.3116	.22	1.26
%RSD	46.31	1.474	1.518
#1	.6947	15.41	81.77
#2	.3509	15.10	84.26
#3	.9730	14.98	82.67
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4496.6**	**65810.**	**4229.1**
Stddev	33.0	99.	5.9
%RSD	.73386	.14992	.13973
#1	4534.5	65901.	4231.0
#2	4481.3	65824.	4222.5
#3	4474.1	65705.	4233.9

Sample Name: 360-28243-a-8-d Acquired: 5/20/2010 18:18:05 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**216.2**	**1.390**	**.3292**	**4.468**	**-.0928**	**800.5**
Stddev	20.7	.886	.2267	.039	.0164	35.6
%RSD	9.558	63.80	68.85	.8684	17.65	4.442
#1	233.1	2.394	.1099	4.483	-.0924	795.2
#2	222.4	1.059	.3151	4.497	-.0766	767.8
#3	193.2	.7156	.5626	4.424	-.1093	838.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0169**	**.1007**	**-.2316**	**3.421**	**44.30**	**334.6**
Stddev	.0659	.2314	.3282	4.825	17.34	24.9
%RSD	390.6	229.9	141.7	141.0	39.14	7.429
#1	.0583	-.1435	-.3285	-1.803	56.37	359.4
#2	-.0439	.3169	-.5004	4.357	24.43	309.7
#3	-.0650	.1286	.1341	7.710	52.10	334.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-8-d Acquired: 5/20/2010 18:18:05 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**114.5**	**1.455**	**1175.**	**.1561**	**.4766**	**-1.019**
Stddev	1.5	.032	16.	.3593	.8271	.916
%RSD	1.331	2.204	1.354	230.1	173.5	89.89
#1	115.6	1.470	1193.	-.1025	1.392	-.2289
#2	112.8	1.477	1164.	.0045	-.2174	-.8055
#3	115.1	1.419	1168.	.5664	.2554	-2.024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.6872**	**.7777**	**1.051**	**1.003**	**9.320**	**1.691**
Stddev	1.733	1.208	.378	.139	.190	.253
%RSD	252.2	155.3	35.96	13.82	2.038	14.95
#1	-2.688	-.5363	1.402	1.041	9.183	1.894
#2	.3368	1.029	.6511	.8489	9.537	1.408
#3	.2898	1.840	1.099	1.118	9.240	1.770
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-8-d Acquired: 5/20/2010 18:18:05 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.4494**	**3.078**	**1.866**
Stddev	.3358	.128	.089
%RSD	74.73	4.152	4.756
#1	.7918	3.137	1.772
#2	.4357	2.931	1.948
#3	.1206	3.166	1.878
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4339.2**	**63308.**	**4055.5**
Stddev	14.4	393.	5.8
%RSD	.33207	.62043	.14273
#1	4354.6	63388.	4054.2
#2	4336.9	62882.	4050.5
#3	4326.0	63655.	4061.9

Sample Name: 360-28243-a-9-c Acquired: 5/20/2010 18:20:57 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**844.6**	**.5416**	**-.0898**	**12.54**	**-.1138**	**3231.**
Stddev	6.1	.1088	.7032	.06	.0959	30.
%RSD	.7210	20.09	782.7	.5001	84.24	.9407
#1	851.4	.4799	.5615	12.61	-.0071	3217.
#2	839.8	.6672	-.8354	12.52	-.1417	3211.
#3	842.4	.4777	.0044	12.48	-.1926	3266.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0073**	**.2793**	**.6902**	**12.11**	**427.8**	**648.3**
Stddev	.0341	.1081	.3745	4.50	14.4	55.7
%RSD	465.4	38.72	54.26	37.13	3.370	8.591
#1	-.0165	.2421	1.056	17.20	412.4	596.7
#2	.0304	.4011	.7064	10.47	441.0	707.4
#3	-.0358	.1947	.3079	8.669	429.9	640.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-9-c Acquired: 5/20/2010 18:20:57 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**494.4**	**9.922**	**2036.**	**1.072**	**19.18**	**-.4596**
Stddev	3.0	.036	20.	.312	.63	.9611
%RSD	.6005	.3594	.9736	29.07	3.285	209.1
#1	491.4	9.960	2057.	.7157	18.66	-1.134
#2	494.4	9.889	2018.	1.206	19.88	-.8861
#3	497.3	9.917	2032.	1.294	18.99	.6410
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.619**	**2.446**	**2.728**	**6.095**	**181.9**	**.7802**
Stddev	3.161	.596	.252	.045	.2	.1205
%RSD	120.7	24.35	9.236	.7353	.1029	15.44
#1	-1.853	1.877	2.954	6.143	182.0	.6765
#2	.0891	2.394	2.456	6.054	181.7	.9124
#3	-6.092	3.065	2.772	6.086	182.1	.7517
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-9-c Acquired: 5/20/2010 18:20:57 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.1680**	**16.87**	**29.04**
Stddev	.6594	.19	.49
%RSD	392.6	1.112	1.672
#1	-.4488	16.67	28.63
#2	.0897	16.90	28.90
#3	.8630	17.04	29.58
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4343.5**	**62736.**	**4002.7**
Stddev	30.8	236.	22.3
%RSD	.70836	.37673	.55789
#1	4376.5	62837.	3982.4
#2	4315.5	62466.	4026.6
#3	4338.5	62906.	3999.1

Sample Name: 360-28243-a-10-d Acquired: 5/20/2010 18:23:49 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1625.**	**4.501**	**.2713**	**11.18**	**-.0520**	**9335.**
Stddev	17.	1.255	.3030	.25	.0522	38.
%RSD	1.053	27.87	111.7	2.268	100.3	.4029
#1	1632.	3.597	.3909	10.98	-.0054	9346.
#2	1638.	3.973	.4963	11.11	-.0423	9367.
#3	1606.	5.933	-.0733	11.47	-.1084	9294.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0036**	**.1007**	**.1667**	**-5.815**	**138.4**	**1555.**
Stddev	.0256	.2501	.0171	3.274	12.6	106.
%RSD	706.5	248.3	10.23	56.31	9.098	6.783
#1	-.0259	.0157	.1530	-7.067	130.0	1438.
#2	.0187	.3822	.1613	-8.278	132.3	1644.
#3	.0180	-.0957	.1858	-2.099	152.9	1583.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-10-d Acquired: 5/20/2010 18:23:49 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**619.8**	**3.994**	**1983.**	**.4236**	**1.853**	**-.2154**
Stddev	2.5	.081	14.	.3515	.937	3.215
%RSD	.4101	2.028	.7116	82.98	50.58	1493.
#1	619.6	4.041	1991.	.1139	2.019	-.5843
#2	617.3	4.041	1967.	.3512	.8441	3.168
#3	622.4	3.900	1992.	.8057	2.697	-3.230
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.811**	**1.659**	**2.268**	**1.311**	**6.460**	**5.658**
Stddev	.955	.469	.197	.140	.149	.259
%RSD	33.97	28.28	8.680	10.67	2.311	4.581
#1	-3.596	2.180	2.274	1.304	6.399	5.377
#2	-3.088	1.529	2.461	1.174	6.630	5.711
#3	-1.748	1.270	2.068	1.454	6.351	5.887
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-10-d Acquired: 5/20/2010 18:23:49 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.248**	**22.65**	**8.191**
Stddev	.092	.13	.469
%RSD	7.398	.5717	5.722
#1	1.166	22.72	7.869
#2	1.230	22.50	8.729
#3	1.348	22.72	7.976
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4440.1**	**63880.**	**4079.3**
Stddev	25.4	27.	33.8
%RSD	.57302	.04187	.82971
#1	4452.3	63877.	4067.2
#2	4457.1	63854.	4053.1
#3	4410.8	63908.	4117.5

Sample Name: CCV Acquired: 5/20/2010 18:26:43 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**124500.**	**2440.**	**1244.**	**10100.**	**1006.**	**125100.**
Stddev	76.	4.	2.	3.	2.	253.
%RSD	.0612	.1590	.1939	.0266	.1535	.2021
#1	124600.	2444.	1242.	10100.	1007.	125400.
#2	124500.	2440.	1244.	10100.	1006.	125100.
#3	124500.	2436.	1247.	10100.	1004.	124900.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1227.**	**2470.**	**5131.**	**12510.**	**102900.**	**48530.**
Stddev	1.	1.	8.	11.	983.	111.
%RSD	.0496	.0517	.1626	.0911	.9557	.2276
#1	1226.	2470.	5122.	12520.	103500.	48560.
#2	1227.	2471.	5136.	12510.	103400.	48620.
#3	1227.	2469.	5136.	12500.	101800.	48410.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/20/2010 18:26:43 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**122800.**	**5116.**	**123600.**	**2473.**	**7413.**	**987.1**
Stddev	631.	41.	200.	1.	2.	2.5
%RSD	.5141	.8078	.1616	.0544	.0230	.2505
#1	123000.	5098.	123700.	2473.	7412.	986.8
#2	123300.	5087.	123700.	2474.	7415.	984.8
#3	122100.	5163.	123400.	2471.	7412.	989.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2457.**	**2531.**	**2514.**	**2471.**	**1060.**	**2405.**
Stddev	2.	9.	4.	1.	1.	4.
%RSD	.0938	.3648	.1497	.0301	.0898	.1645
#1	2455.	2531.	2510.	2471.	1059.	2408.
#2	2459.	2521.	2517.	2472.	1060.	2407.
#3	2459.	2540.	2516.	2471.	1061.	2400.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/20/2010 18:26:43 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**954.4**	**5097.**	**10010.**
Stddev	1.5	8.	47.
%RSD	.1547	.1472	.4676
#1	953.8	5105.	10060.
#2	956.0	5097.	9999.
#3	953.3	5090.	9966.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**3842.4**	**56231.**	**3855.4**
Stddev	11.4	167.	14.5
%RSD	.29546	.29774	.37606
#1	3829.3	56346.	3855.5
#2	3848.6	56308.	3840.8
#3	3849.3	56039.	3869.8

Sample Name: CCB Acquired: 5/20/2010 18:29:57 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**22.91**	**1.315**	**-.1634**	**1.211**	**.0030**	**11.82**
Stddev	32.14	1.004	.2857	.906	.1898	8.04
%RSD	140.3	76.35	174.9	74.79	6391.	68.01
#1	42.09	1.579	-.4642	.9547	.0376	18.60
#2	-14.19	2.160	-.1303	2.217	.1731	2.942
#3	40.85	.2051	.1043	.4611	-.2017	13.90
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1177**	**.3885**	**.4762**	**-1.660**	**2.538**	**-11.49**
Stddev	.1533	.4178	.1905	8.799	6.187	46.27
%RSD	130.2	107.5	40.01	529.9	243.8	402.7
#1	-.0210	.2514	.3181	5.180	-1.699	37.11
#2	.2823	.8577	.4227	1.425	9.637	-55.01
#3	.0918	.0565	.6877	-11.59	-.3255	-16.57
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/20/2010 18:29:57 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**11.48**	**.5083**	**163.3**	**-.1357**	**.8336**	**-.0914**
Stddev	2.05	.0588	14.3	.3188	2.219	1.143
%RSD	17.85	11.57	8.779	234.9	266.2	1250.
#1	11.10	.5653	179.7	-.4786	-1.586	-.3532
#2	13.69	.5118	157.3	.1518	2.774	1.160
#3	9.647	.4479	153.0	-.0805	1.313	-1.081
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1025**	**1.796**	**.3064**	**.2484**	**3.972**	**1.348**
Stddev	2.065	.520	.2098	.3261	.929	.260
%RSD	2015.	28.96	68.47	131.3	23.38	19.30
#1	2.401	2.292	.0680	.0951	4.125	1.452
#2	-1.596	1.840	.3885	.6229	4.814	1.541
#3	-.4983	1.255	.4627	.0270	2.976	1.052
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/20/2010 18:29:57 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.528**	**.8245**	**1.895**
Stddev	.468	.1895	.111
%RSD	30.59	22.98	5.865
#1	1.037	1.017	1.802
#2	1.580	.6387	2.018
#3	1.968	.8174	1.865
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4174.3**	**60737.**	**3864.3**
Stddev	34.8	52.	39.6
%RSD	.83310	.08550	1.0235
#1	4134.3	60713.	3902.4
#2	4191.6	60797.	3823.4
#3	4197.0	60702.	3867.1

Sample Name: 360-28243-a-12-c Acquired: 5/20/2010 18:32:50 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**828.3**	**1.905**	**.1181**	**3.278**	**-.0793**	**786.0**
Stddev	17.0	.507	.9150	.051	.2024	23.0
%RSD	2.054	26.60	774.5	1.568	255.4	2.931
#1	847.3	1.948	-.7848	3.334	.0778	811.2
#2	814.4	1.378	1.045	3.232	-.0078	780.8
#3	823.2	2.388	.0945	3.269	-.3077	765.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0840**	**.2254**	**.1937**	**4.437**	**161.7**	**465.3**
Stddev	.0198	.1524	.2817	6.279	5.9	56.0
%RSD	23.55	67.63	145.5	141.5	3.618	12.04
#1	-.1023	.3878	-.0831	.2325	166.2	411.1
#2	-.0868	.0854	.4801	11.65	163.8	523.0
#3	-.0630	.2030	.1840	1.425	155.1	461.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-12-c Acquired: 5/20/2010 18:32:50 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**211.6**	**4.296**	**2344.**	**.1675**	**.3410**	**-1.227**
Stddev	1.1	.024	9.	.2329	.9823	.308
%RSD	.5165	.5622	.3860	139.0	288.1	25.07
#1	210.7	4.322	2335.	.0137	1.252	-1.165
#2	211.2	4.290	2353.	.0534	-.6997	-1.561
#3	212.8	4.275	2343.	.4355	.4708	-.9553
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.015**	**2.137**	**.4723**	**1.523**	**34.07**	**2.140**
Stddev	.519	1.309	.1632	.095	.60	.131
%RSD	51.15	61.22	34.55	6.205	1.752	6.119
#1	-.6886	1.622	.3871	1.495	34.14	2.113
#2	-1.614	1.165	.3694	1.445	34.63	2.283
#3	-.7432	3.625	.6605	1.628	33.44	2.025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-12-c Acquired: 5/20/2010 18:32:50 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.8504**	**3.228**	**8.257**
Stddev	.3035	.100	.287
%RSD	35.69	3.082	3.471
#1	.5938	3.342	8.250
#2	1.185	3.187	7.975
#3	.7719	3.156	8.548
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4348.1**	**63198.**	**4029.6**
Stddev	1.7	128.	24.2
%RSD	.03981	.20318	.60160
#1	4346.8	63073.	4042.6
#2	4347.6	63191.	4044.6
#3	4350.1	63329.	4001.6

Sample Name: 360-28243-a-13-d Acquired: 5/20/2010 18:35:42 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**454.6**	**1.565**	**-.0409**	**6.125**	**-.0239**	**9777.**
Stddev	16.2	.666	.7955	.201	.0550	11.
%RSD	3.569	42.59	1944.	3.276	230.2	.1137
#1	435.9	1.835	-.0220	6.355	-.0780	9787.
#2	464.0	.8057	-.8457	5.985	.0320	9765.
#3	464.1	2.054	.7449	6.035	-.0256	9778.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0333**	**.0217**	**-.4138**	**-8.908**	**11.11**	**454.5**
Stddev	.0050	.1089	.2419	6.209	16.99	33.9
%RSD	15.08	502.4	58.46	69.70	153.0	7.459
#1	-.0308	.0050	-.2814	-14.96	4.566	416.8
#2	-.0391	.1380	-.2670	-2.552	-1.642	482.5
#3	-.0300	-.0779	-.6931	-9.214	30.40	464.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-13-d Acquired: 5/20/2010 18:35:42 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**366.5**	**.1777**	**1691.**	**-.2311**	**1.672**	**-1.246**
Stddev	1.8	.0760	16.	.1252	.832	2.787
%RSD	.5039	42.74	.9501	54.18	49.74	223.6
#1	365.4	.2644	1678.	-.0926	1.820	.5217
#2	365.4	.1459	1685.	-.2644	.7765	.1985
#3	368.6	.1229	1709.	-.3362	2.420	-4.459
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0122**	**1.114**	**1.742**	**1.227**	**7.077**	**3.603**
Stddev	.9357	2.298	.121	.055	.390	.193
%RSD	7641.	206.4	6.950	4.477	5.509	5.368
#1	.2945	1.561	1.701	1.181	7.387	3.380
#2	.7743	3.156	1.646	1.213	6.639	3.707
#3	-1.032	-1.375	1.878	1.288	7.204	3.722
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-13-d Acquired: 5/20/2010 18:35:42 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.9952**	**41.98**	**.4970**
Stddev	.4561	.29	.0797
%RSD	45.83	.6907	16.04
#1	.5776	42.31	.5107
#2	1.482	41.76	.5691
#3	.9261	41.86	.4114
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4398.9**	**63372.**	**4040.7**
Stddev	4.6	346.	6.3
%RSD	.10527	.54652	.15649
#1	4397.4	62987.	4045.8
#2	4395.2	63657.	4042.8
#3	4404.1	63472.	4033.6

Sample Name: 360-28243-a-14-d Acquired: 5/20/2010 18:38:34 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1043.**	**.2984**	**.3196**	**12.85**	**-.0725**	**3678.**
Stddev	28.	1.750	.4393	.17	.1535	36.
%RSD	2.677	586.4	137.5	1.310	211.6	.9872
#1	1023.	-1.674	.3880	12.66	.0766	3679.
#2	1032.	1.664	.7206	12.89	-.0641	3713.
#3	1075.	.9058	-.1499	12.99	-.2300	3641.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0493**	**.2805**	**.2295**	**-7.370**	**573.9**	**282.5**
Stddev	.0446	.1594	.3888	3.850	2.6	63.4
%RSD	90.42	56.81	169.4	52.24	.4503	22.46
#1	-.0098	.4462	.2037	-2.984	571.3	293.5
#2	-.0977	.1284	.6306	-8.936	576.4	214.3
#3	-.0405	.2670	-.1457	-10.19	573.9	339.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-14-d Acquired: 5/20/2010 18:38:34 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**507.3**	**2.903**	**2044.**	**.6060**	**.8684**	**-1.163**
Stddev	6.0	.039	23.	.1805	.7677	1.381
%RSD	1.182	1.335	1.110	29.78	88.41	118.8
#1	505.3	2.906	2049.	.7758	.6447	-.8538
#2	502.5	2.863	2064.	.6257	1.723	.0381
#3	514.0	2.940	2020.	.4165	.2373	-2.672
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.966**	**1.492**	**1.016**	**3.088**	**19.18**	**7.088**
Stddev	.327	.840	.647	.029	.33	.174
%RSD	16.61	56.28	63.72	.9248	1.736	2.452
#1	-1.762	1.624	1.543	3.120	19.44	7.011
#2	-1.793	.5938	1.210	3.078	19.29	6.966
#3	-2.342	2.257	.2934	3.066	18.80	7.287
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-14-d Acquired: 5/20/2010 18:38:34 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.2611**	**28.43**	**39.81**
Stddev	.4741	.11	.59
%RSD	181.6	.4037	1.479
#1	-.2857	28.42	39.52
#2	.5121	28.56	39.41
#3	.5568	28.33	40.48
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4320.7**	**64192.**	**4099.1**
Stddev	21.6	225.	26.6
%RSD	.50056	.35078	.64979
#1	4340.5	64419.	4129.0
#2	4324.1	63969.	4090.4
#3	4297.6	64189.	4078.0

Sample Name: 360-28243-a-15-c Acquired: 5/20/2010 18:41:26 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1433.**	**1.618**	**.0634**	**35.13**	**-.0712**	**2385.**
Stddev	31.	.421	.6506	.09	.0834	23.
%RSD	2.152	26.01	1026.	.2689	117.1	.9847
#1	1400.	2.088	-.2118	35.18	-.1114	2384.
#2	1461.	1.276	-.4044	35.20	-.1269	2361.
#3	1439.	1.490	.8064	35.02	.0247	2408.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0375**	**.5619**	**1.117**	**40.65**	**629.6**	**167.0**
Stddev	.0332	.1615	.278	3.67	32.2	84.4
%RSD	88.62	28.74	24.86	9.041	5.113	50.53
#1	.0349	.3980	1.433	44.85	642.6	130.4
#2	.0719	.5667	1.001	39.06	653.2	263.5
#3	.0056	.7209	.9150	38.03	592.9	107.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-15-c Acquired: 5/20/2010 18:41:26 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**524.7**	**18.80**	**7686.**	**1.227**	**16.02**	**-.4645**
Stddev	1.9	.01	81.	.118	.50	1.038
%RSD	.3575	.0780	1.049	9.647	3.140	223.6
#1	526.7	18.81	7594.	1.357	15.44	-.7066
#2	524.4	18.78	7742.	1.125	16.28	.6736
#3	522.9	18.80	7723.	1.199	16.33	-1.361
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.1135**	**.1928**	**1.812**	**6.005**	**20.88**	**.6743**
Stddev	2.425	1.116	.092	.141	.10	.1072
%RSD	2136.	578.9	5.070	2.346	.4818	15.89
#1	1.978	-.6172	1.759	6.138	20.90	.7274
#2	-2.772	1.466	1.918	5.857	20.98	.7445
#3	.4532	-.2703	1.759	6.020	20.78	.5509
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-15-c Acquired: 5/20/2010 18:41:26 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.9156**	**8.866**	**38.99**
Stddev	.5045	.205	.19
%RSD	55.10	2.308	.4848
#1	.3908	8.766	39.20
#2	1.397	9.102	38.94
#3	.9591	8.731	38.83
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4245.3**	**61037.**	**3899.4**
Stddev	22.1	88.	27.7
%RSD	.52043	.14442	.70906
#1	4221.9	60940.	3930.6
#2	4248.1	61057.	3890.1
#3	4265.8	61113.	3877.7

Sample Name: 360-28243-a-16-c Acquired: 5/20/2010 18:44:18 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**358.1**	**1.004**	**-.1470**	**7.028**	**-.1285**	**926.4**
Stddev	15.5	1.429	.7599	.150	.1548	25.7
%RSD	4.329	142.3	516.8	2.131	120.4	2.770
#1	371.7	1.065	.7209	6.875	.0496	955.2
#2	341.2	-.4540	-.4692	7.174	-.2053	905.9
#3	361.3	2.401	-.6928	7.036	-.2298	918.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0355**	**.1131**	**-.3152**	**4.099**	**100.7**	**254.4**
Stddev	.0237	.1788	.5767	1.669	4.6	31.7
%RSD	66.95	158.1	183.0	40.72	4.522	12.45
#1	.0569	.1032	.0227	5.934	105.7	288.0
#2	.0099	-.0606	.0128	2.672	99.56	249.8
#3	.0396	.2966	-.9811	3.690	96.83	225.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-16-c Acquired: 5/20/2010 18:44:18 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**161.2**	**2.841**	**2206.**	**.2459**	**.5828**	**-.5479**
Stddev	1.8	.019	35.	.1682	.4428	2.888
%RSD	1.137	.6687	1.608	68.39	75.97	527.1
#1	159.1	2.822	2247.	.0765	.3459	1.904
#2	162.6	2.841	2182.	.4128	.3089	-3.731
#3	161.8	2.860	2190.	.2485	1.094	.1830
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.8247**	**1.198**	**.5323**	**1.821**	**13.99**	**.3278**
Stddev	3.910	.472	.1866	.070	.14	.1666
%RSD	474.1	39.38	35.05	3.855	.9990	50.82
#1	-3.513	.6739	.7295	1.899	14.14	.3739
#2	-2.621	1.589	.3585	1.763	13.88	.4664
#3	3.660	1.330	.5089	1.802	13.93	.1430
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-16-c Acquired: 5/20/2010 18:44:18 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.6021**	**5.591**	**5.590**
Stddev	.9579	.587	.025
%RSD	159.1	10.50	.4411
#1	.1721	6.266	5.571
#2	-.0654	5.304	5.582
#3	1.700	5.203	5.618
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4360.6**	**63586.**	**4043.3**
Stddev	4.2	422.	44.6
%RSD	.09676	.66340	1.1032
#1	4355.8	63655.	3995.4
#2	4362.4	63968.	4050.9
#3	4363.7	63133.	4083.6

Sample Name: 360-28243-a-17-c Acquired: 5/20/2010 18:47:10 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**4819.**	**3.548**	**-.5652**	**24.51**	**.0709**	**13430.**
Stddev	5.	.650	.3915	.26	.0400	16.
%RSD	.1082	18.32	69.27	1.066	56.39	.1190
#1	4813.	3.826	-.8928	24.25	.0910	13440.
#2	4823.	4.012	-.1316	24.77	.0248	13410.
#3	4820.	2.805	-.6712	24.52	.0968	13420.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0130**	**1.117**	**2.695**	**14.45**	**1681.**	**555.7**
Stddev	.0805	.189	.535	3.00	18.	53.8
%RSD	619.3	16.94	19.85	20.78	1.100	9.685
#1	-.0723	1.018	2.739	11.21	1697.	505.9
#2	-.0453	.9982	2.139	17.14	1686.	612.8
#3	.0786	1.336	3.206	14.98	1661.	548.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-17-c Acquired: 5/20/2010 18:47:10 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1396.**	**38.43**	**2013.**	**2.255**	**57.95**	**-.9653**
Stddev	1.	.11	14.	.316	.39	2.520
%RSD	.0899	.2947	.7037	14.01	.6810	261.1
#1	1397.	38.32	2006.	2.560	57.96	-2.562
#2	1395.	38.45	2029.	2.277	57.55	1.940
#3	1398.	38.54	2003.	1.929	58.34	-2.274
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.7309**	**2.132**	**6.637**	**22.63**	**20.69**	**.6805**
Stddev	1.232	.337	.184	.32	.23	.1285
%RSD	168.5	15.81	2.771	1.397	1.123	18.89
#1	-1.932	2.520	6.734	22.30	20.63	.5603
#2	.5299	1.960	6.425	22.66	20.94	.6650
#3	-.7908	1.915	6.752	22.93	20.49	.8160
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-17-c Acquired: 5/20/2010 18:47:10 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.7363**	**46.14**	**115.8**
Stddev	.3215	.29	.4
%RSD	43.67	.6299	.3657
#1	.5274	46.32	115.3
#2	.5748	46.30	116.0
#3	1.107	45.81	116.0
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4425.6**	**64366.**	**4167.6**
Stddev	18.4	386.	20.5
%RSD	.41631	.59914	.49287
#1	4443.6	64800.	4152.0
#2	4426.3	64237.	4190.9
#3	4406.8	64062.	4159.9

Sample Name: 360-28243-a-18-b Acquired: 5/20/2010 18:50:01 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**208.8**	**.7708**	**.1068**	**7.268**	**-.1186**	**837.4**
Stddev	20.1	1.295	.5102	.181	.0929	12.1
%RSD	9.643	168.0	477.5	2.493	78.36	1.444
#1	228.1	-.6847	-.0325	7.059	-.0172	849.6
#2	210.3	1.201	-.3191	7.365	-.1388	825.4
#3	188.0	1.796	.6722	7.381	-.1998	837.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0719**	**.2988**	**-.3104**	**-1.598**	**93.37**	**169.6**
Stddev	.0488	.1927	.5126	9.202	9.10	108.6
%RSD	67.89	64.48	165.2	575.9	9.742	64.02
#1	-.0987	.1027	.2549	4.805	92.46	285.9
#2	-.1014	.3058	-.4407	-12.14	84.77	70.81
#3	-.0156	.4878	-.7453	2.544	102.9	152.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-18-b Acquired: 5/20/2010 18:50:01 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**161.1**	**7.855**	**2279.**	**.3839**	**1.682**	**-.7598**
Stddev	1.1	.084	21.	.2376	1.937	1.733
%RSD	.6718	1.073	.9429	61.89	115.2	228.0
#1	162.0	7.834	2295.	.2262	1.490	.2853
#2	161.3	7.947	2288.	.6571	3.707	-2.760
#3	159.9	7.783	2255.	.2683	-.1523	.1948
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.292**	**-.3097**	**.1688**	**1.693**	**12.91**	**.3126**
Stddev	1.425	2.224	.2314	.057	.57	.0711
%RSD	62.17	718.3	137.0	3.344	4.379	22.74
#1	-2.031	1.591	.2624	1.637	12.40	.2322
#2	-1.015	.2354	.3388	1.691	12.81	.3387
#3	-3.829	-2.756	-.0947	1.750	13.52	.3670
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-18-b Acquired: 5/20/2010 18:50:01 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.6597**	**4.035**	**2.851**
Stddev	.2384	.119	.102
%RSD	36.14	2.953	3.595
#1	.5327	3.899	2.761
#2	.9347	4.089	2.830
#3	.5117	4.118	2.963
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4390.5**	**63365.**	**4080.2**
Stddev	7.0	289.	19.6
%RSD	.15848	.45586	.48158
#1	4391.6	63695.	4102.6
#2	4396.9	63243.	4066.3
#3	4383.1	63157.	4071.5

Sample Name: 360-28243-a-19-c Acquired: 5/20/2010 18:52:53 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1220.**	**2.164**	**.1885**	**20.83**	**-.0690**	**1679.**
Stddev	17.	1.558	.3243	.05	.0344	17.
%RSD	1.414	72.01	172.1	.2363	49.84	1.001
#1	1222.	.8594	.0743	20.86	-.0912	1697.
#2	1236.	3.889	.5544	20.78	-.0294	1664.
#3	1201.	1.743	-.0634	20.87	-.0864	1675.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0179**	**.2267**	**1.373**	**15.74**	**575.0**	**820.4**
Stddev	.0219	.1866	.224	6.46	11.6	5.1
%RSD	122.8	82.30	16.29	41.04	2.008	.6228
#1	.0291	.4106	1.390	14.93	567.1	825.5
#2	.0319	.2319	1.588	9.723	588.3	820.3
#3	-.0074	.0376	1.142	22.57	569.7	815.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-19-c Acquired: 5/20/2010 18:52:53 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**484.9**	**14.09**	**1858.**	**1.407**	**46.50**	**.1909**
Stddev	.7	.08	25.	.508	.57	2.673
%RSD	.1470	.5488	1.368	36.12	1.236	1401.
#1	485.7	14.01	1865.	1.287	47.16	3.225
#2	484.3	14.16	1879.	1.964	46.14	-.8350
#3	484.8	14.10	1830.	.9692	46.20	-1.818
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.320**	**1.655**	**2.012**	**23.99**	**29.76**	**.1689**
Stddev	.723	1.742	.410	.10	.41	.2918
%RSD	31.14	105.3	20.38	.4065	1.377	172.8
#1	-1.506	.0415	1.539	23.95	30.23	-.1490
#2	-2.885	3.502	2.254	23.92	29.57	.4246
#3	-2.569	1.421	2.243	24.10	29.48	.2310
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-19-c Acquired: 5/20/2010 18:52:53 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.3912**	**8.485**	**38.94**
Stddev	.1445	.263	.47
%RSD	36.94	3.100	1.212
#1	.3286	8.547	39.25
#2	.5564	8.712	39.16
#3	.2885	8.197	38.39
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4386.2**	**63407.**	**4074.0**
Stddev	19.6	172.	12.1
%RSD	.44618	.27169	.29698
#1	4369.7	63367.	4087.8
#2	4407.8	63596.	4069.0
#3	4381.0	63258.	4065.3

Sample Name: 360-28243-a-20-c Acquired: 5/20/2010 18:55:44 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**626.2**	**1.548**	**.1759**	**10.15**	**-.0444**	**1334.**
Stddev	20.6	.628	.7178	.11	.0926	9.
%RSD	3.296	40.59	408.0	1.048	208.4	.6950
#1	629.4	1.348	-.6385	10.06	-.1325	1327.
#2	645.1	2.252	.7164	10.27	-.0529	1344.
#3	604.2	1.044	.4499	10.13	.0521	1330.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0146**	**.6303**	**-.1258**	**-1.277**	**230.2**	**370.6**
Stddev	.0570	.1421	.1031	7.955	10.8	48.6
%RSD	389.9	22.55	82.02	622.9	4.692	13.12
#1	.0125	.4697	-.2279	7.834	232.3	320.0
#2	.0727	.6811	-.1277	-4.820	239.8	374.8
#3	-.0413	.7400	-.0216	-6.846	218.5	417.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-20-c Acquired: 5/20/2010 18:55:44 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**177.5**	**7.720**	**1938.**	**.4947**	**1.333**	**-.2614**
Stddev	.9	.039	17.	.0663	1.273	.6148
%RSD	.5102	.5110	.8563	13.41	95.50	235.2
#1	177.4	7.736	1930.	.4837	1.465	-.7320
#2	176.6	7.675	1926.	.4345	2.536	.4341
#3	178.4	7.749	1957.	.5658	-.0007	-.4864
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.3688**	**2.800**	**1.071**	**2.834**	**15.17**	**3.092**
Stddev	1.158	1.488	.221	.177	.53	.019
%RSD	314.0	53.13	20.61	6.244	3.521	.6001
#1	-.7059	4.451	1.153	2.690	14.97	3.075
#2	.9203	1.563	1.238	2.780	15.77	3.090
#3	-1.321	2.387	.8206	3.031	14.76	3.112
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-20-c Acquired: 5/20/2010 18:55:44 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.202**	**7.826**	**8.757**
Stddev	.384	.159	.107
%RSD	31.97	2.031	1.219
#1	1.641	7.794	8.790
#2	.9283	7.999	8.638
#3	1.037	7.686	8.844
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4317.6**	**62800.**	**4015.2**
Stddev	15.8	169.	16.0
%RSD	.36537	.26960	.39733
#1	4335.6	62808.	4033.6
#2	4310.7	62627.	4005.9
#3	4306.4	62966.	4006.1

Sample Name: 360-28243-a-21-b Acquired: 5/20/2010 18:58:37 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**3432.**	**3.774**	**.1747**	**29.68**	**.0948**	**1748.**
Stddev	21.	.778	1.230	.14	.1432	9.
%RSD	.5997	20.62	704.1	.4643	151.1	.4972
#1	3433.	2.993	1.591	29.71	-.0702	1755.
#2	3452.	4.549	-.6299	29.80	.1674	1738.
#3	3411.	3.779	-.4368	29.53	.1872	1750.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0489**	**.8226**	**2.142**	**26.03**	**1741.**	**772.8**
Stddev	.0518	.4343	.231	2.99	44.	91.3
%RSD	105.9	52.79	10.77	11.49	2.508	11.82
#1	.0970	.4462	2.260	22.79	1784.	873.9
#2	-.0060	.7239	1.876	28.68	1741.	696.3
#3	.0557	1.298	2.291	26.64	1697.	748.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-21-b Acquired: 5/20/2010 18:58:37 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**510.9**	**43.47**	**3852.**	**2.049**	**18.79**	**-.5555**
Stddev	4.3	.23	21.	.281	1.33	1.978
%RSD	.8355	.5402	.5456	13.71	7.084	356.1
#1	515.1	43.41	3829.	2.163	17.29	1.293
#2	511.0	43.27	3870.	1.729	19.22	-2.641
#3	506.6	43.73	3857.	2.255	19.85	-.3190
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.751**	**1.596**	**3.862**	**11.48**	**29.01**	**.7754**
Stddev	.979	1.073	.351	.09	.40	.1180
%RSD	35.59	67.22	9.094	.7794	1.384	15.22
#1	-3.530	.5742	3.483	11.57	28.63	.6457
#2	-1.652	1.500	4.177	11.50	28.96	.8040
#3	-3.069	2.714	3.926	11.39	29.43	.8765
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 360-28243-a-21-b Acquired: 5/20/2010 18:58:37 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.9953**	**9.266**	**113.3**
Stddev	.9048	.021	1.0
%RSD	90.91	.2315	.8923
#1	.0957	9.290	114.5
#2	.9850	9.251	113.1
#3	1.905	9.257	112.5
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4275.7**	**61831.**	**3951.9**
Stddev	24.8	629.	26.5
%RSD	.57922	1.0165	.67080
#1	4256.7	62438.	3958.4
#2	4266.6	61871.	3922.7
#3	4303.7	61183.	3974.5

Sample Name: CCV Acquired: 5/20/2010 19:01:30 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**126100.**	**2486.**	**1256.**	**10250.**	**1013.**	**127300.**
Stddev	438.	1.	2.	33.	4.	416.
%RSD	.3472	.0590	.1362	.3264	.4222	.3268
#1	126600.	2485.	1255.	10210.	1017.	127700.
#2	126200.	2488.	1256.	10280.	1013.	127300.
#3	125700.	2486.	1258.	10270.	1009.	126900.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1246.**	**2515.**	**5170.**	**12660.**	**101700.**	**49750.**
Stddev	4.	6.	9.	34.	414.	121.
%RSD	.3253	.2579	.1675	.2655	.4072	.2425
#1	1241.	2507.	5161.	12690.	102200.	49820.
#2	1248.	2520.	5174.	12660.	101400.	49820.
#3	1248.	2517.	5177.	12630.	101400.	49610.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/20/2010 19:01:30 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**123900.**	**5190.**	**125800.**	**2514.**	**7535.**	**1002.**
Stddev	901.	13.	276.	7.	17.	2.
%RSD	.7271	.2502	.2194	.2874	.2246	.2473
#1	123300.	5205.	126100.	2506.	7516.	999.4
#2	124900.	5180.	125800.	2520.	7543.	1004.
#3	123400.	5185.	125600.	2516.	7546.	1004.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2495.**	**2541.**	**2541.**	**2509.**	**1083.**	**2449.**
Stddev	7.	21.	5.	8.	1.	5.
%RSD	.2692	.8444	.2039	.3242	.1152	.2218
#1	2487.	2517.	2536.	2499.	1081.	2443.
#2	2497.	2550.	2540.	2514.	1084.	2454.
#3	2500.	2557.	2546.	2513.	1084.	2449.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/20/2010 19:01:30 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**971.5**	**5192.**	**10140.**
Stddev	1.9	18.	50.
%RSD	.1915	.3437	.4925
#1	970.1	5211.	10200.
#2	973.6	5191.	10120.
#3	970.8	5175.	10110.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**3826.8**	**56378.**	**3828.7**
Stddev	25.0	138.	15.1
%RSD	.65252	.24514	.39434
#1	3816.0	56495.	3811.6
#2	3809.1	56226.	3834.4
#3	3855.4	56413.	3840.1

Sample Name: CCB Acquired: 5/20/2010 19:04:44 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**20.90**	**.4110**	**-.2153**	**1.267**	**-.0404**	**22.58**
Stddev	24.81	.7533	.3961	.657	.0652	7.91
%RSD	118.7	183.3	184.0	51.85	161.5	35.03
#1	-2.203	-.3422	-.4794	1.923	.0333	31.72
#2	17.79	1.164	-.4066	1.266	-.0907	18.02
#3	47.12	.4107	.2402	.6099	-.0637	18.02
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1729**	**.3418**	**.6245**	**2.119**	**-6.887**	**17.16**
Stddev	.0387	.1704	.1173	6.829	9.565	81.73
%RSD	22.37	49.86	18.78	322.3	138.9	476.2
#1	.2057	.5302	.5223	-1.571	-10.51	77.31
#2	.1828	.1987	.5986	-2.071	-14.11	50.07
#3	.1302	.2964	.7526	9.999	3.961	-75.89
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/20/2010 19:04:44 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**7.314**	**.3972**	**136.1**	**.2651**	**2.807**	**1.012**
Stddev	.652	.1179	26.5	.2542	.663	1.529
%RSD	8.920	29.68	19.49	95.89	23.63	151.1
#1	7.026	.2675	144.8	.2244	3.428	1.517
#2	6.855	.4263	157.2	.5372	2.885	2.224
#3	8.061	.4979	106.3	.0337	2.108	-.7055
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-1.368**	**2.860**	**.1150**	**.3429**	**3.337**	**.9711**
Stddev	2.227	1.049	.1488	.1409	.611	.4356
%RSD	162.8	36.68	129.4	41.09	18.29	44.86
#1	-2.753	1.726	.0267	.4012	3.999	1.409
#2	1.201	3.796	.0315	.4453	3.218	.9667
#3	-2.553	3.057	.2867	.1822	2.796	.5377
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/20/2010 19:04:44 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.315**	**.4486**	**1.706**
Stddev	.497	.0893	.309
%RSD	37.80	19.91	18.08
#1	1.889	.3662	1.532
#2	1.032	.4362	1.523
#3	1.025	.5436	2.062
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4244.9**	**61670.**	**3883.9**
Stddev	19.6	345.	7.0
%RSD	.46184	.55921	.18121
#1	4266.8	61464.	3886.4
#2	4238.7	61477.	3889.4
#3	4229.1	62068.	3876.0

Sample Name: lb 460-37826/1-b Acquired: 5/20/2010 19:07:38 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**36.24**	**1.550**	**-.4526**	**.3711**	**-.1150**	**206.4**
Stddev	19.14	1.137	.2719	.0255	.0874	27.2
%RSD	52.81	73.36	60.08	6.868	75.98	13.17
#1	58.21	.3130	-.2959	.3592	-.1857	232.7
#2	23.16	2.550	-.2952	.3536	-.1421	208.2
#3	27.35	1.788	-.7665	.4003	-.0173	178.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.0485**	**.0384**	**-.5375**	**-.8225**	**2.844**	**15.27**
Stddev	.0472	.1370	.2317	6.545	15.96	7.75
%RSD	97.20	356.9	43.11	795.8	561.1	50.74
#1	.0225	-.0530	-.8051	2.743	-2.284	19.13
#2	.0201	-.0277	-.4069	-8.376	-9.919	20.33
#3	.1029	.1958	-.4006	3.166	20.73	6.350
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-37826/1-b Acquired: 5/20/2010 19:07:38 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**57.22**	**.6674**	**1770.**	**.2524**	**1.552**	**-.5449**
Stddev	1.04	.0705	8.	.1760	1.551	1.238
%RSD	1.824	10.56	.4767	69.72	99.93	227.1
#1	57.85	.7410	1762.	.0546	-.0393	.8470
#2	57.80	.6608	1769.	.3110	1.636	-1.521
#3	56.01	.6005	1779.	.3916	3.059	-.9602
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.2526**	**1.255**	**-.1972**	**.9971**	**2.883**	**-.1969**
Stddev	2.829	.313	.6072	.0334	.759	.1449
%RSD	1120.	24.92	307.9	3.351	26.34	73.59
#1	2.818	1.077	-.4948	.9659	3.234	-.2783
#2	-2.753	1.071	.5014	.9930	3.404	-.0296
#3	-.8230	1.616	-.5983	1.032	2.012	-.2829
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-37826/1-b Acquired: 5/20/2010 19:07:38 Type: Unk
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.9460**	**1.112**	**.2039**
Stddev	.4087	.050	.0944
%RSD	43.20	4.493	46.30
#1	.9385	1.104	.0994
#2	.5411	1.166	.2295
#3	1.358	1.067	.2829
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			
Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4286.3**	**62074.**	**3961.4**
Stddev	11.7	172.	12.1
%RSD	.27228	.27781	.30648
#1	4278.0	62258.	3959.3
#2	4281.3	62050.	3974.5
#3	4299.7	61915.	3950.5

Sample Name: ICSA 481797 Acquired: 5/20/2010 19:10:29 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**508700.**	**.5551**	**-.5561**	**.0639**	**-.4805**	**510900.**
Stddev	2167.	1.933	.7846	.1259	.0824	3702.
%RSD	.4260	348.1	141.1	197.1	17.14	.7245
#1	510900.	-1.666	.2484	.0898	-.5446	515100.
#2	508700.	1.853	-.5973	.1748	-.5094	509500.
#3	506600.	1.478	-1.319	-.0730	-.3876	508100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.6100**	**2.018**	**-2.206**	**8.101**	**187800.**	**-124.5**
Stddev	.0936	.503	.384	9.100	81.	75.3
%RSD	15.34	24.91	17.39	112.3	.0429	60.52
#1	-.6629	2.567	-1.835	12.93	187900.	-155.6
#2	-.5020	1.904	-2.601	-2.395	187700.	-38.57
#3	-.6651	1.582	-2.181	13.77	187900.	-179.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 481797 Acquired: 5/20/2010 19:10:29 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**464400.**	**-8.705**	**184.5**	**6.170**	**6.525**	**-2.367**
Stddev	736.	.033	12.1	.522	.519	1.364
%RSD	.1584	.3798	6.549	8.461	7.949	57.60
#1	463700.	-8.680	197.3	5.806	6.964	-.8918
#2	464500.	-8.742	183.0	6.768	6.658	-2.629
#3	465100.	-8.692	173.3	5.935	5.953	-3.581
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-2.033**	**6.803**	**1.953**	**-3.495**	**-.2504**	**-2.151**
Stddev	3.123	1.296	.365	.144	1.238	.209
%RSD	153.6	19.06	18.71	4.122	494.4	9.735
#1	1.211	7.935	1.537	-3.469	.5975	-2.193
#2	-2.292	5.389	2.220	-3.365	.3223	-1.924
#3	-5.019	7.086	2.104	-3.650	-1.671	-2.336
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 481797 Acquired: 5/20/2010 19:10:29 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**.5809**	**5.325**	**-.2412**
Stddev	.3445	.327	.1096
%RSD	59.31	6.141	45.43
#1	.5794	5.622	-.1297
#2	.9261	5.380	-.3488
#3	.2372	4.974	-.2452
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**3830.0**	**52931.**	**3736.1**
Stddev	4.3	232.	48.0
%RSD	.11316	.43923	1.2860
#1	3833.5	52709.	3681.0
#2	3825.2	52912.	3757.5
#3	3831.5	53173.	3769.7

Sample Name: ICSAB 481801 Acquired: 5/20/2010 19:13:35 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**514600.**	**96.71**	**105.9**	**97.94**	**101.2**	**513800.**
Stddev	1019.	2.97	1.3	.18	.2	3454.
%RSD	.1981	3.076	1.257	.1874	.2178	.6723
#1	513400.	99.96	107.4	97.89	101.0	511000.
#2	515400.	96.05	104.8	97.78	101.3	512700.
#3	514900.	94.12	105.5	98.14	101.3	517700.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**91.44**	**93.99**	**101.5**	**108.0**	**187600.**	**10520.**
Stddev	.45	.23	.4	4.1	676.	120.
%RSD	.4954	.2478	.3584	3.777	.3604	1.136
#1	90.92	93.89	101.8	104.4	188400.	10410.
#2	91.64	94.26	101.1	112.5	187000.	10520.
#3	91.76	93.83	101.7	107.2	187500.	10650.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 481801 Acquired: 5/20/2010 19:13:35 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**463500.**	**94.21**	**10920.**	**97.72**	**98.52**	**93.85**
Stddev	594.	.21	70.	.25	1.46	3.44
%RSD	.1281	.2252	.6374	.2567	1.487	3.660
#1	462900.	94.42	10840.	97.46	97.56	93.37
#2	464000.	94.20	10970.	97.96	97.79	90.68
#3	463500.	94.00	10950.	97.73	100.2	97.50
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**92.60**	**95.32**	**105.8**	**94.74**	**89.15**	**91.26**
Stddev	4.55	2.81	.7	.05	.45	.27
%RSD	4.909	2.945	.6931	.0556	.5027	.2936
#1	89.37	96.94	106.3	94.69	89.37	91.55
#2	97.80	96.94	106.2	94.79	88.63	91.03
#3	90.63	92.08	105.0	94.73	89.44	91.21
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 481801 Acquired: 5/20/2010 19:13:35 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**90.75**	**108.5**	**97.07**
Stddev	1.48	.4	.22
%RSD	1.627	.4018	.2234
#1	91.61	108.0	97.25
#2	91.59	108.8	97.14
#3	89.05	108.7	96.83
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**3802.2**	**52146.**	**3678.8**
Stddev	4.2	55.	7.6
%RSD	.10956	.10558	.20702
#1	3798.0	52089.	3682.9
#2	3802.2	52149.	3670.0
#3	3806.4	52199.	3683.5

Sample Name: CCV Acquired: 5/20/2010 19:16:39 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**128500.**	**2474.**	**1267.**	**10200.**	**1023.**	**130200.**
Stddev	450.	3.	2.	7.	4.	458.
%RSD	.3501	.1242	.1715	.0699	.3874	.3521
#1	128700.	2476.	1268.	10190.	1025.	130500.
#2	127900.	2475.	1269.	10210.	1018.	129600.
#3	128700.	2470.	1265.	10200.	1025.	130400.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**1238.**	**2504.**	**5195.**	**12810.**	**103000.**	**50400.**
Stddev	1.	2.	2.	55.	1245.	222.
%RSD	.0814	.0730	.0451	.4330	1.209	.4401
#1	1237.	2502.	5197.	12840.	103900.	50380.
#2	1238.	2506.	5193.	12750.	103500.	50190.
#3	1239.	2503.	5194.	12850.	101600.	50630.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/20/2010 19:16:39 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**122700.**	**5216.**	**127800.**	**2499.**	**7494.**	**997.0**
Stddev	1166.	15.	600.	1.	3.	2.5
%RSD	.9499	.2921	.4693	.0285	.0452	.2540
#1	123300.	5233.	128000.	2498.	7496.	994.5
#2	123500.	5215.	127100.	2500.	7496.	997.0
#3	121400.	5202.	128200.	2499.	7490.	999.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**2480.**	**2518.**	**2563.**	**2494.**	**1078.**	**2438.**
Stddev	3.	7.	2.	2.	1.	1.
%RSD	.1038	.2682	.0885	.0667	.0750	.0216
#1	2478.	2514.	2565.	2492.	1078.	2439.
#2	2483.	2515.	2561.	2496.	1077.	2438.
#3	2479.	2526.	2564.	2494.	1079.	2439.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 5/20/2010 19:16:39 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**969.1**	**5294.**	**10150.**
Stddev	1.2	20.	99.
%RSD	.1188	.3716	.9787
#1	970.3	5307.	10180.
#2	968.0	5271.	10230.
#3	969.1	5303.	10040.
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**3794.8**	**55558.**	**3739.1**
Stddev	27.3	113.	31.0
%RSD	.71948	.20307	.82872
#1	3777.9	55582.	3711.5
#2	3780.2	55435.	3772.6
#3	3826.3	55657.	3733.4

Sample Name: CCB Acquired: 5/20/2010 19:19:54 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**57.23**	**.0538**	**.2207**	**.3855**	**.0120**	**78.29**
Stddev	13.74	.2609	.2410	.2370	.0949	9.65
%RSD	24.00	485.1	109.2	61.47	789.1	12.32
#1	71.33	.2950	.4929	.4376	-.0976	84.06
#2	43.89	-.2232	.0343	.5922	.0674	83.66
#3	56.49	.0895	.1350	.1268	.0663	67.16
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**-.0165**	**.1677**	**.4320**	**1.442**	**17.35**	**107.9**
Stddev	.0564	.4013	.3205	2.888	14.97	67.9
%RSD	342.1	239.2	74.20	200.3	86.25	62.94
#1	.0365	-.0343	.4586	-.9461	29.28	35.51
#2	-.0758	.6299	.0990	.6193	22.22	118.0
#3	-.0102	-.0923	.7384	4.652	.5587	170.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/20/2010 19:19:54 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

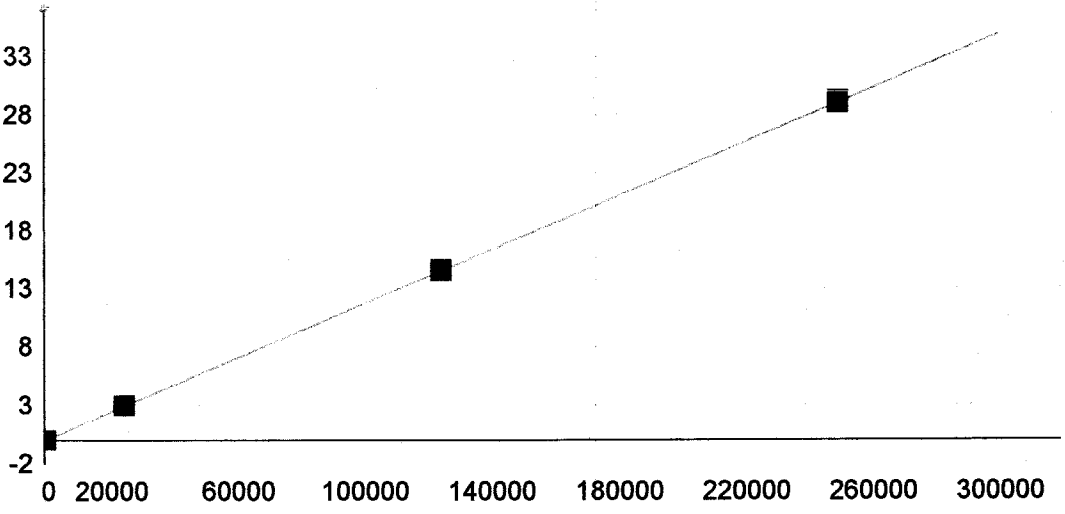
Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_2243)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**26.77**	**.4945**	**154.0**	**-.2755**	**1.124**	**2.038**
Stddev	3.57	.1082	36.1	.2426	1.235	.965
%RSD	13.34	21.88	23.46	88.05	109.9	47.33
#1	25.52	.4770	192.4	-.0499	-.1167	.9286
#2	23.99	.3962	148.9	-.2445	1.135	2.505
#3	30.80	.6105	120.6	-.5321	2.353	2.680
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	**.1706**	**1.291**	**.0539**	**.1803**	**3.561**	**.9958**
Stddev	1.800	1.630	.5230	.1326	.188	.1568
%RSD	1055.	126.2	970.6	73.54	5.271	15.75
#1	1.911	3.165	-.2303	.3238	3.667	1.110
#2	.2838	.5067	.6575	.0625	3.672	.8170
#3	-1.683	.2022	-.2655	.1544	3.344	1.060
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 5/20/2010 19:19:54 Type: QC
Method: SW84605122010(v17) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb
Avg	**1.401**	**1.028**	**1.924**
Stddev	.246	.262	.236
%RSD	17.53	25.44	12.25
#1	1.125	1.215	1.714
#2	1.595	1.139	1.879
#3	1.482	.7290	2.179
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	**4299.5**	**62824.**	**4000.1**
Stddev	7.9	204.	9.3
%RSD	.18286	.32440	.23163
#1	4293.6	62924.	4002.0
#2	4296.5	62959.	4008.4
#3	4308.4	62590.	3990.1

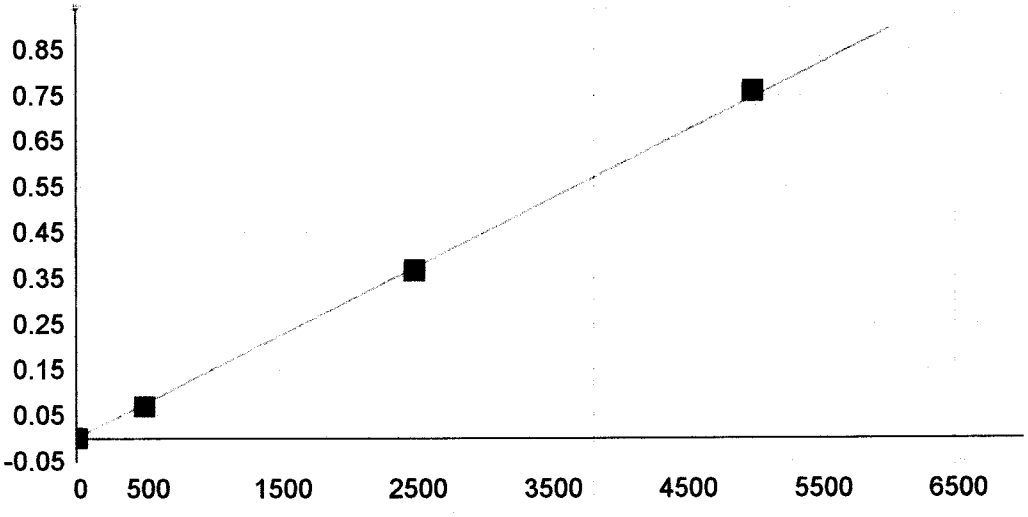


Al 396.152 { 85}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.005111	Re-Slope:	1.000000
A1 (Gain):	0.000116	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999991	Status:	OK.
Std Error of Est:	0.000179		
Predicted MDL:	13.594701		
Predicted MQL:	45.315671		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00350	-.004	.000	-.00511	.003	1
DCAL1	200.00	200.60	.597	.299	.01828	.001	1
DCAL2	25000.	25400.	400.	1.60	2.9444	.006	1
DCAL3	125000.	125030.	34.6	.028	14.514	.060	1
DCAL4	250000.	249560.	-435.	-.174	28.975	.191	1

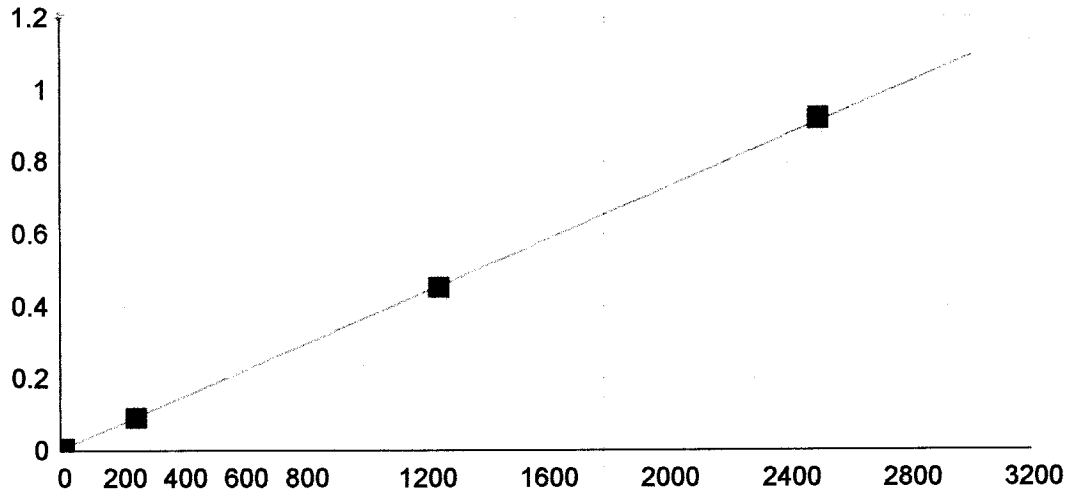


As 189.042 {478}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000161	Re-Slope:	1.000000
A1 (Gain):	0.000149	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999661	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	1.446988		
Predicted MQL:	4.823292		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00078	.001	.000	-.00016	.000	1
DCAL1	5.0000	4.6185	-.381	-7.63	.00052	.000	1
DCAL2	500.00	460.27	-39.7	-7.95	.06738	.000	1
DCAL3	2500.0	2457.4	-42.6	-1.70	.36078	.001	1
DCAL4	5000.0	5082.7	82.7	1.65	.74673	.002	1

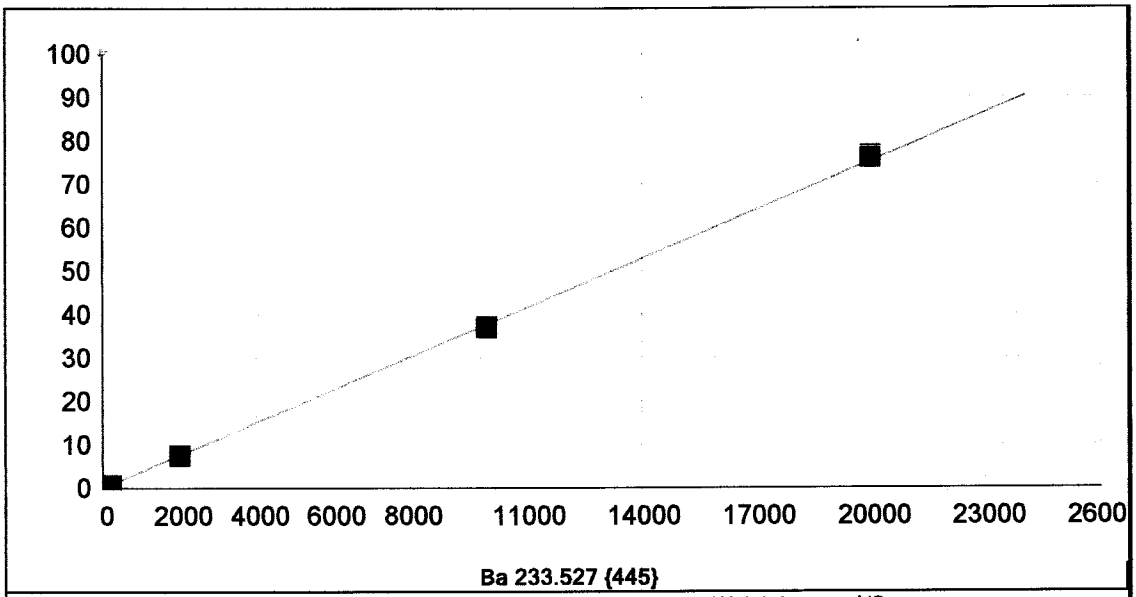


Ag 328.068 {103}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000613	Re-Slope:	1.000000
A1 (Gain):	0.000364	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999944	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.876409		
Predicted MQL:	2.921362		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00004	.000	.000	.00061	.000	1
DCAL1	10.000	10.349	.349	3.49	.00429	.000	1
DCAL2	250.00	242.76	-7.24	-2.90	.08779	.000	1
DCAL3	1250.0	1239.4	-10.6	-.851	.44582	.001	1
DCAL4	2500.0	2517.5	17.5	.702	.90513	.005	1

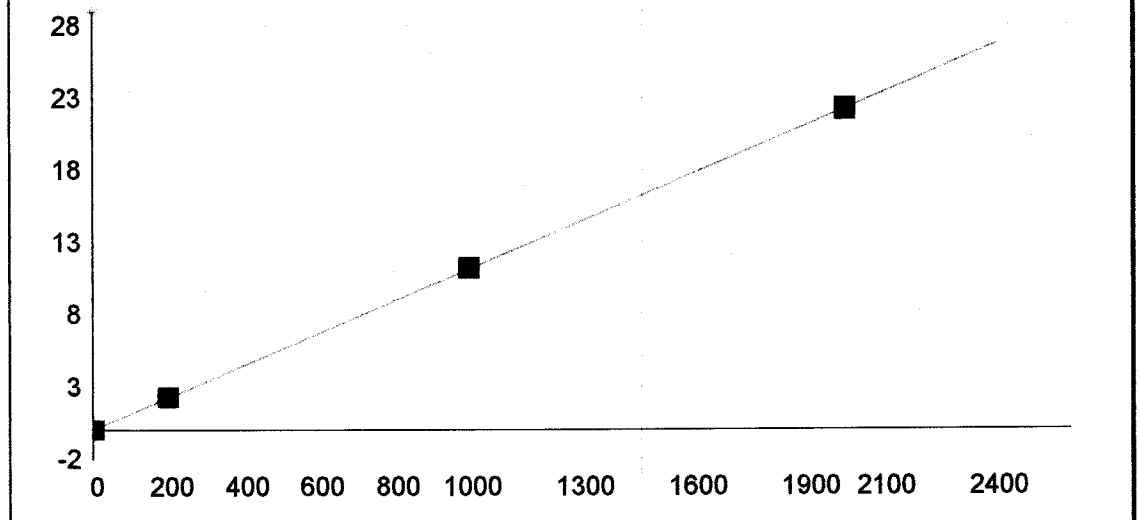


Ba 233.527 {445}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.008246	Re-Slope:	1.000000
A1 (Gain):	0.003758	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999901	Status:	OK.
Std Error of Est:	0.005481		
Predicted MDL:	0.127021		
Predicted MQL:	0.423405		

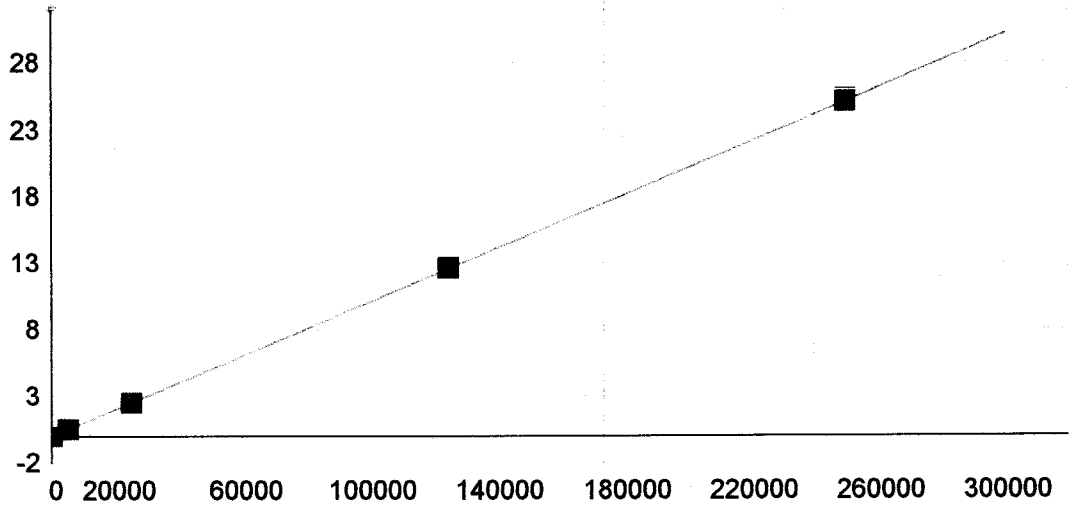
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00823	.008	.000	.00828	.001	1
DCAL1	200.00	196.97	-3.03	-1.52	.74751	.001	1
DCAL2	2000.0	1961.8	-38.2	-1.91	7.3711	.016	1
DCAL3	10000.	9821.4	-179.	-1.79	36.870	.093	1
DCAL4	20000.	20220.	220.	1.10	75.901	.606	1



Be 313.042 {108}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.002084			Re-Slope:	1.000000
A1 (Gain):	0.011108			Y-int:	0.000000
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999976		Status:	OK.	
Std Error of Est:	0.000250				
Predicted MDL:	0.085052				
Predicted MQL:	0.283505				

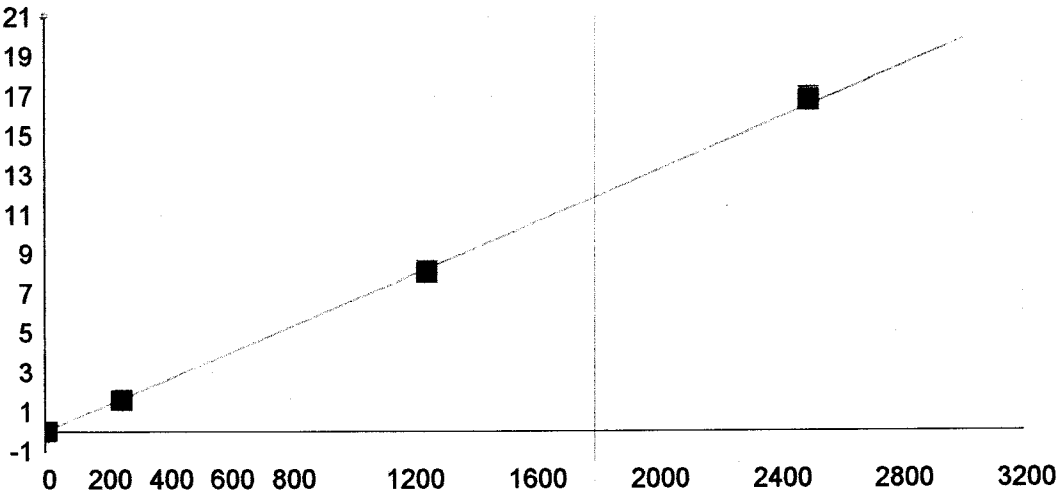
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00012	.000	.000	-.00208	.001	1
DCAL1	2.0000	1.8394	-.161	-8.03	.01839	.001	1
DCAL2	200.00	204.05	4.05	2.02	2.2609	.005	1
DCAL3	1000.0	1004.6	4.59	.459	11.139	.043	1
DCAL4	2000.0	1991.5	-8.47	-.424	22.084	.133	1



Ca 422.673 { 80}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.048395			Re-Slope:	1.000000
A1 (Gain):	0.000101			Y-int:	0.000000
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	1.000000		Status:	OK.	
Std Error of Est:	0.000121				
Predicted MDL:	14.968991				
Predicted MQL:	49.896635				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00902	.009	.000	-.04839	.001	1
DCAL1	5000.0	4997.3	-2.74	-.055	.45421	.002	1
DCAL2	25000.	24954.	-46.1	-.184	2.4614	.007	1
DCAL3	125000.	125100.	98.2	.079	12.533	.054	1
DCAL4	250000.	249950.	-49.4	-.020	25.091	.158	1

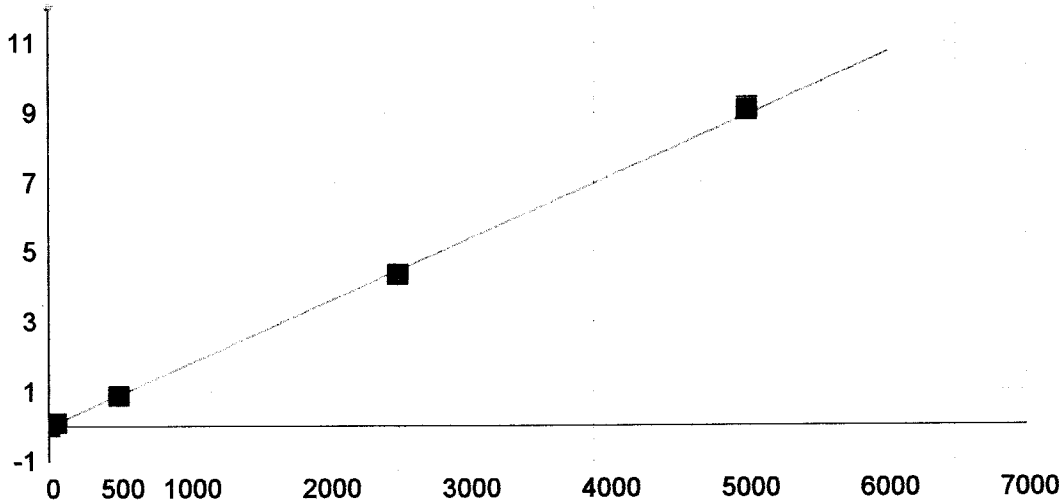


Cd 226.502 {449}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000601	Re-Slope:	1.000000
A1 (Gain):	0.006599	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999810	Status:	OK.
Std Error of Est:	0.000668		
Predicted MDL:	0.071809		
Predicted MQL:	0.239365		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00031	.000	.000	-.00060	.000	1
DCAL1	4.0000	3.8649	-.135	-3.38	.02497	.000	1
DCAL2	250.00	240.62	-9.38	-3.75	1.5965	.002	1
DCAL3	1250.0	1222.1	-27.9	-2.23	8.1101	.022	1
DCAL4	2500.0	2537.4	37.4	1.50	16.836	.069	1

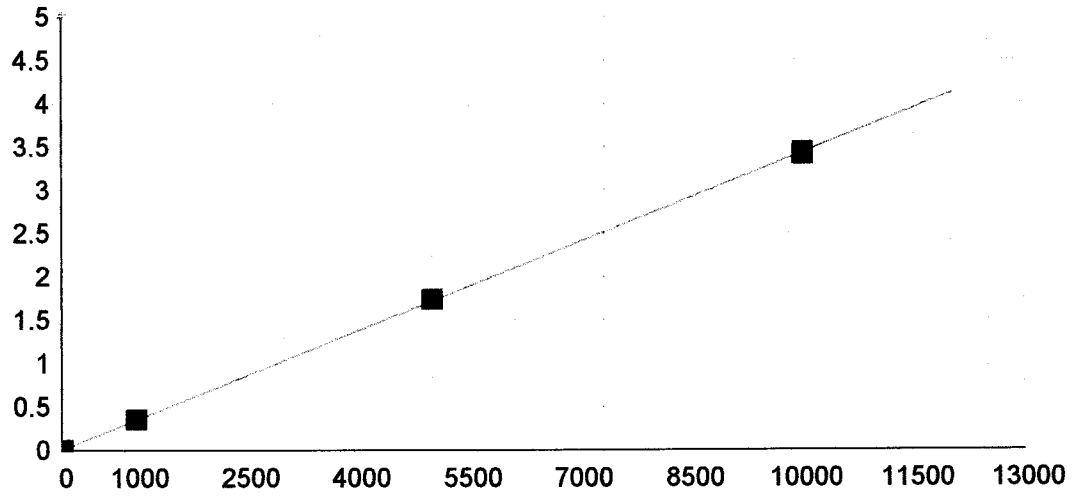


Co 228.616 {447}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001056	Re-Slope:	1.000000
A1 (Gain):	0.001783	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999828	Status:	OK.
Std Error of Est:	0.000861		
Predicted MDL:	0.222487		
Predicted MQL:	0.741625		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00159	.002	.000	-.00105	.000	1
DCAL1	50.000	49.940	-.060	-.121	.08794	.001	1
DCAL2	500.00	489.88	-10.1	-2.02	.87712	.001	1
DCAL3	2500.0	2437.8	-62.2	-2.49	4.3692	.010	1
DCAL4	5000.0	5072.4	72.4	1.45	9.0902	.034	1

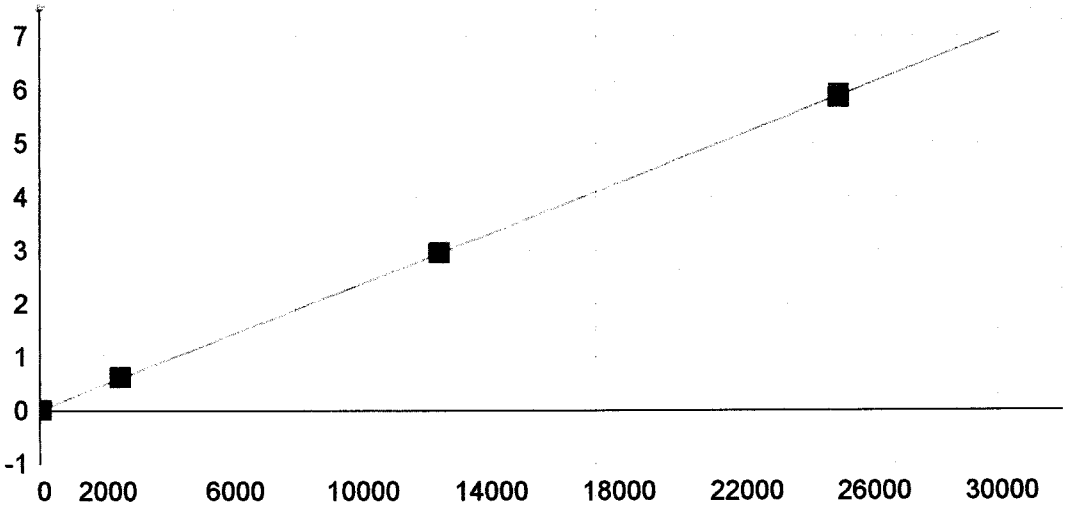


Cr 267.716 {126}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000237	Re-Slope:	1.000000
A1 (Gain):	0.000343	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999961	Status:	OK.
Std Error of Est:	0.000050		
Predicted MDL:	0.381162		
Predicted MQL:	1.270540		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00048	.000	.000	.00024	.000	1
DCAL1	10.000	10.294	.294	2.94	.00377	.000	1
DCAL2	1000.0	1015.1	15.1	1.51	.34881	.001	1
DCAL3	5000.0	5053.0	53.0	1.06	1.7354	.006	1
DCAL4	10000.	9931.6	-68.4	-.684	3.4108	.021	1

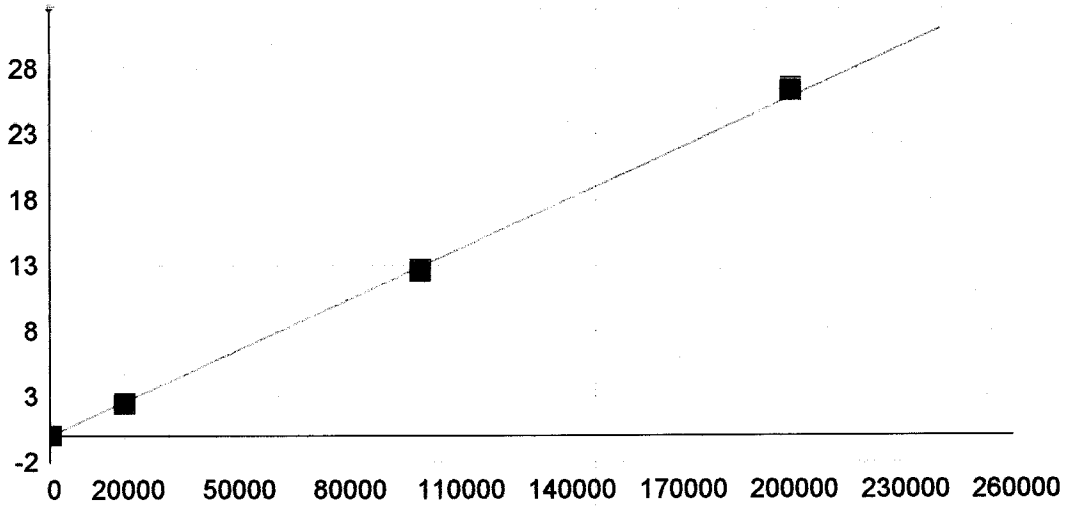


Cu 324.754 {104}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000759	Re-Slope:	1.000000
A1 (Gain):	0.000235	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999944	Status:	OK.
Std Error of Est:	0.000102		
Predicted MDL:	4.014420		
Predicted MQL:	13.381401		

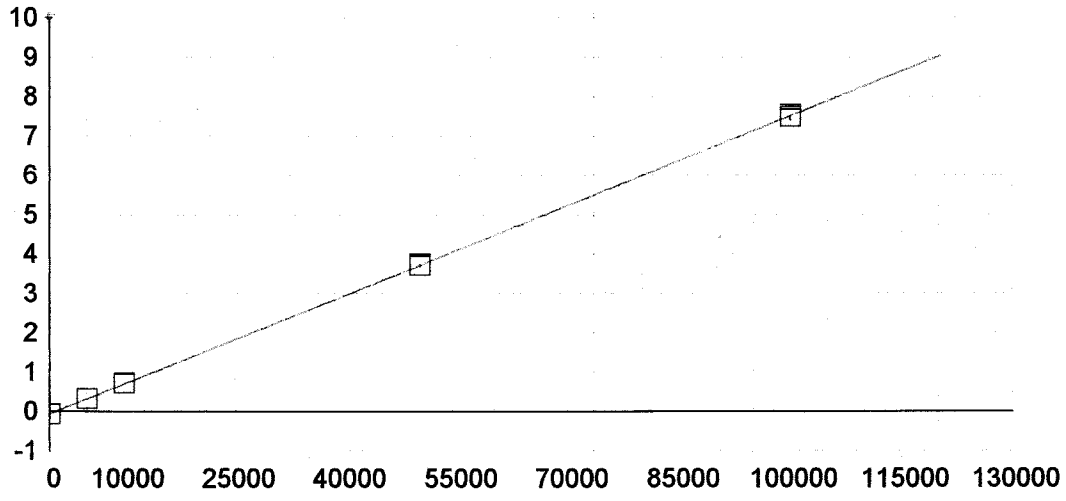
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00550	.005	.000	.00076	.001	1
DCAL1	25.000	18.764	-6.24	-24.9	.00515	.001	1
DCAL2	2500.0	2577.7	77.7	3.11	.60511	.000	1
DCAL3	12500.	12533.	32.6	.261	2.9388	.010	1
DCAL4	25000.	24896.	-104.	-.416	5.8371	.041	1



Fe 271.441 {124}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000925		Re-Slope:	1.000000	
A1 (Gain):	0.000129		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999701		Status:	OK.	
Std Error of Est:	0.000894				
Predicted MDL:	15.729194				
Predicted MQL:	52.430647				

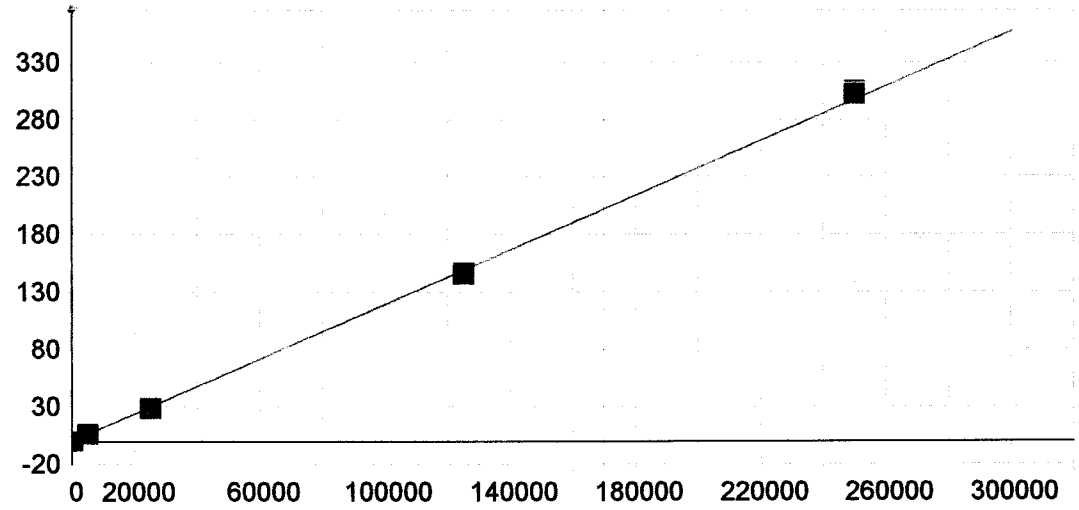
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.02419	.024	.000	-.00092	.001	1
DCAL1	150.00	134.62	-15.4	-10.3	.01744	.002	1
DCAL2	20000.	18989.	-1010.	-5.05	2.4561	.006	1
DCAL3	100000.	97326.	-2670.	-2.67	12.591	.098	1
DCAL4	200000.	203700.	3700.	1.85	26.349	.127	1



K 766.490 { 44}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.075052		Re-Slope:	1.000000	
A1 (Gain):	0.000076		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999959		Status:	OK.	
Std Error of Est:	0.000802				
Predicted MDL:	48.013995				
Predicted MQL:	160.046650				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.26144	-.261	.000	-.07507	.006	1
DCAL1	5000.0	5150.4	150.	3.01	.31522	.003	1
DCAL2	10000.	10255.	255.	2.55	.70203	.005	1
DCAL3	50000.	50077.	76.8	.154	3.7196	.018	1
DCAL4	100000.	99518.	-482.	-.482	7.4660	.059	1

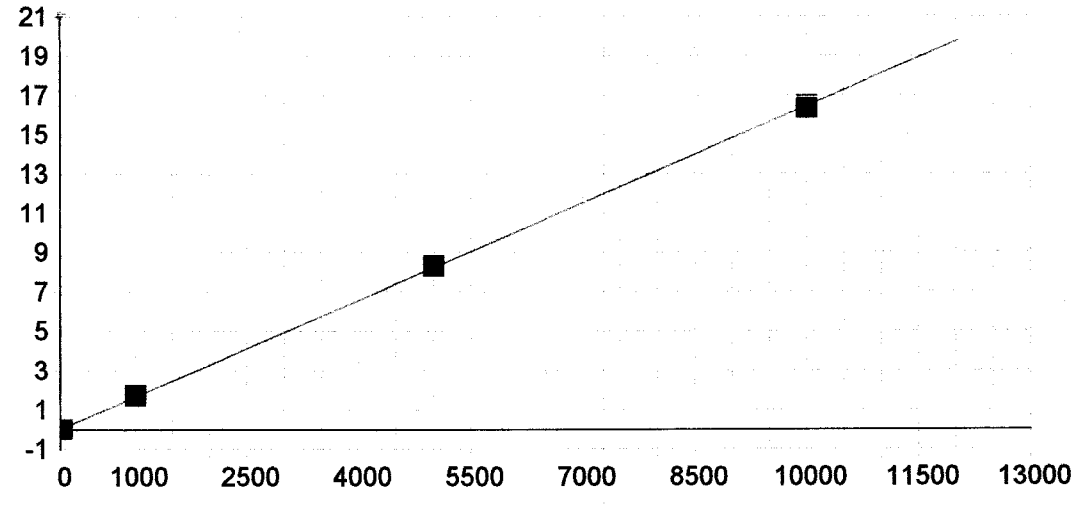


Mg 279.079 {121}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000440	Re-Slope:	1.000000
A1 (Gain):	0.001188	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999804	Status:	OK.
Std Error of Est:	0.043218		
Predicted MDL:	1.857307		
Predicted MQL:	6.191022		

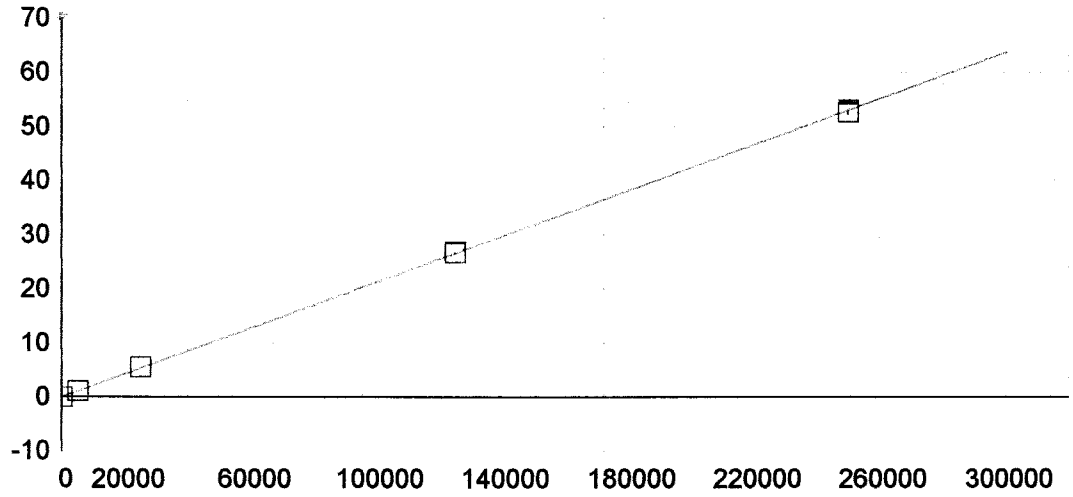
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.24936	.249	.000	-.00014	.001	1
DCAL1	5000.0	4968.0	-32.0	-.640	5.9006	.014	1
DCAL2	25000.	24114.	-886.	-3.54	28.637	.068	1
DCAL3	125000.	122080.	-2920.	-2.34	144.98	.593	1
DCAL4	250000.	253840.	3840.	1.54	301.47	2.43	1



Mn 257.610 {131}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000088		Re-Slope:	1.000000	
A1 (Gain):	0.001644		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999921		Status:	OK.	
Std Error of Est:	0.000414				
Predicted MDL:	0.067991				
Predicted MQL:	0.226637				

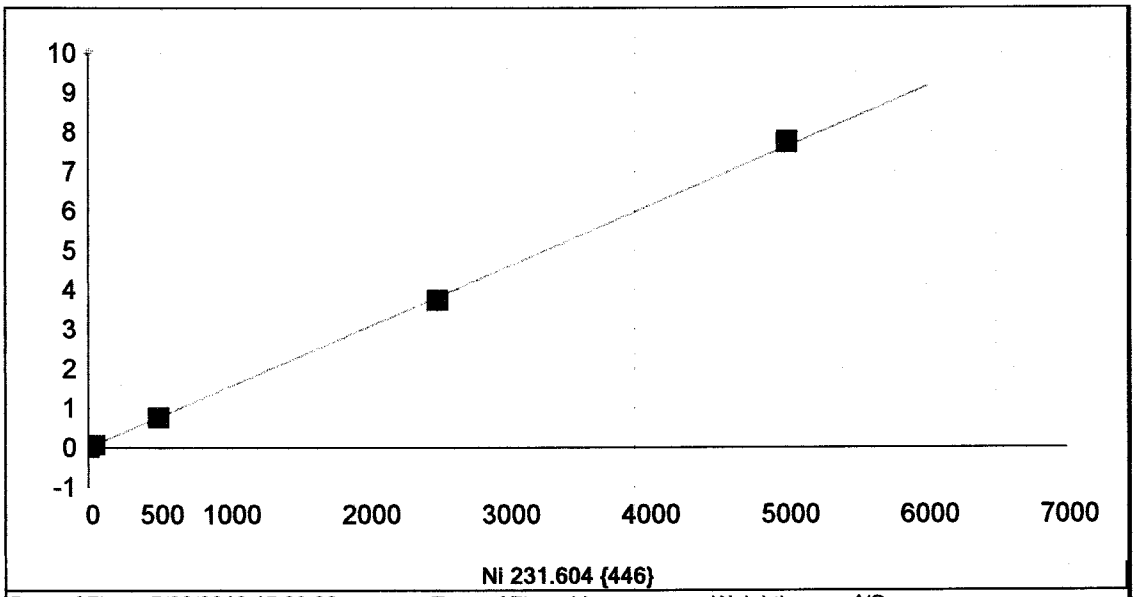
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00140	-.001	.000	-.00009	.000	1
DCAL1	15.000	15.812	.812	5.42	.02603	.000	1
DCAL2	1000.0	1039.5	39.5	3.95	1.7073	.004	1
DCAL3	5000.0	5039.1	39.1	.783	8.2764	.038	1
DCAL4	10000.	9920.6	-79.4	-.794	16.294	.142	1



Na 589.592 { 57}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.095954		Re-Slope:	1.000000	
A1 (Gain):	0.000212		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999918		Status:	OK.	
Std Error of Est:	0.004999				
Predicted MDL:	14.257739				
Predicted MQL:	47.525796				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.42965	-.430	.000	-.09604	.002	1
DCAL1	5000.0	5249.7	250.	4.99	1.0189	.002	1
DCAL2	25000.	25952.	952.	3.81	5.4155	.013	1
DCAL3	125000.	125680.	679.	.543	26.595	.108	1
DCAL4	250000.	248120.	-1880.	-.752	52.598	.286	1

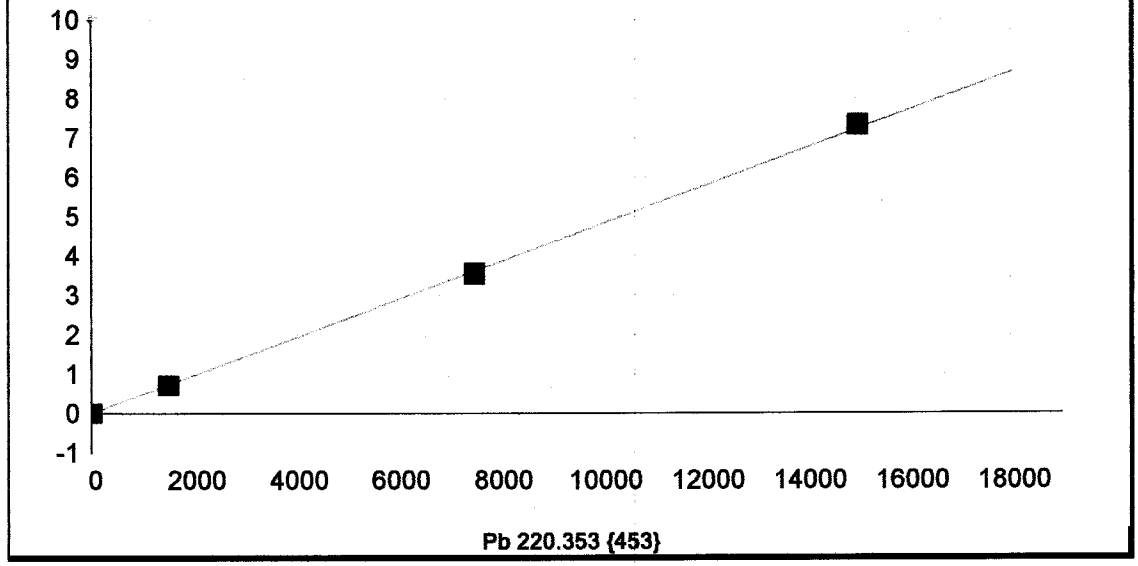


Ni 231.604 {446}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000440	Re-Slope:	1.000000
A1 (Gain):	0.001524	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999859	Status:	OK.
Std Error of Est:	0.000592		
Predicted MDL:	0.305307		
Predicted MQL:	1.017689		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00043	.000	.000	-.00044	.001	1
DCAL1	40.000	40.575	.575	1.44	.06141	.001	1
DCAL2	500.00	492.52	-7.48	-1.50	.75020	.001	1
DCAL3	2500.0	2442.6	-57.4	-2.30	3.7222	.008	1
DCAL4	5000.0	5064.4	64.4	1.29	7.7180	.029	1

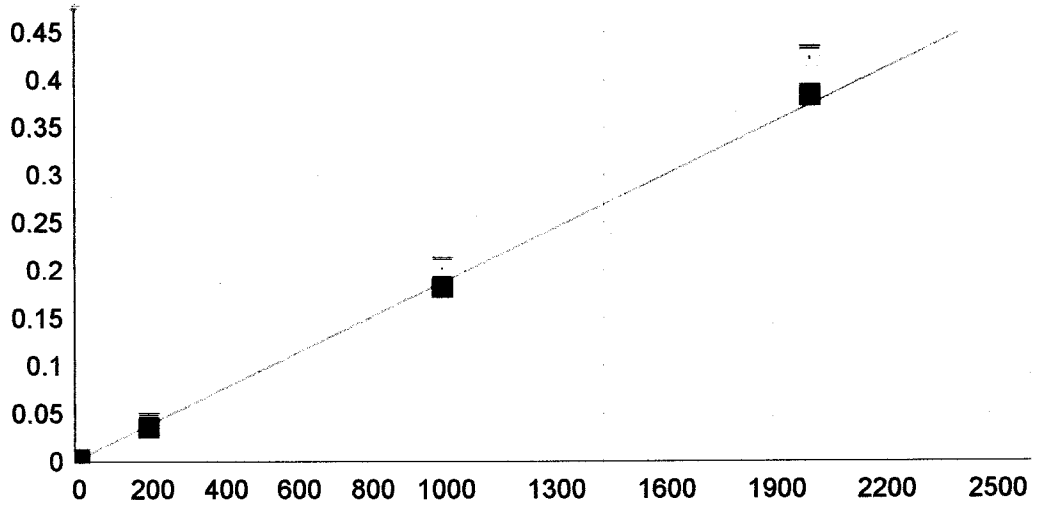


Pb 220.353 {453}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000077	Re-Slope:	1.000000
A1 (Gain):	0.000481	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999896	Status:	OK.
Std Error of Est:	0.000098		
Predicted MDL:	1.057793		
Predicted MQL:	3.525978		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00059	-.001	.000	-.00008	.000	1
DCAL1	5.0000	5.6982	.698	14.0	.00266	.001	1
DCAL2	1500.0	1481.4	-18.6	-1.24	.71202	.002	1
DCAL3	7500.0	7353.2	-147.	-1.96	3.5345	.010	1
DCAL4	15000.	15165.	165.	1.10	7.2894	.026	1

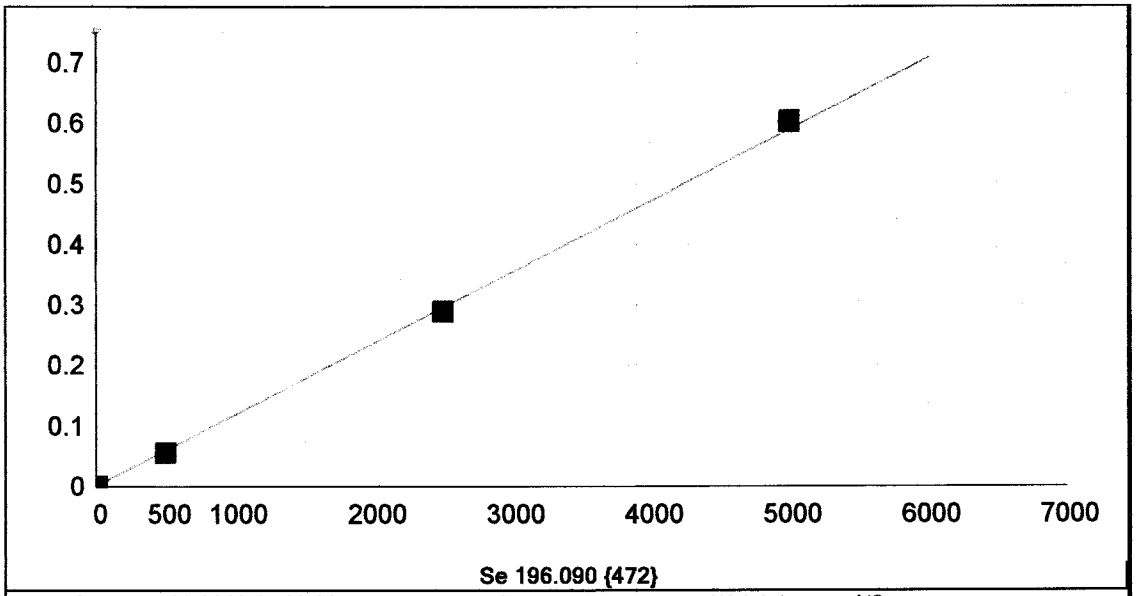


Sb 206.833 {463}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000795	Re-Slope:	1.000000
A1 (Gain):	0.000186	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999587	Status:	OK.
Std Error of Est:	0.000043		
Predicted MDL:	1.766681		
Predicted MQL:	5.888937		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00141	.001	.000	.00079	.000	1
DCAL1	10.000	9.4337	-.566	-5.66	.00252	.000	1
DCAL2	200.00	184.59	-15.4	-7.70	.03925	.000	1
DCAL3	1000.0	969.13	-30.9	-3.09	.20168	.001	1
DCAL4	2000.0	2046.8	46.8	2.34	.42279	.001	1

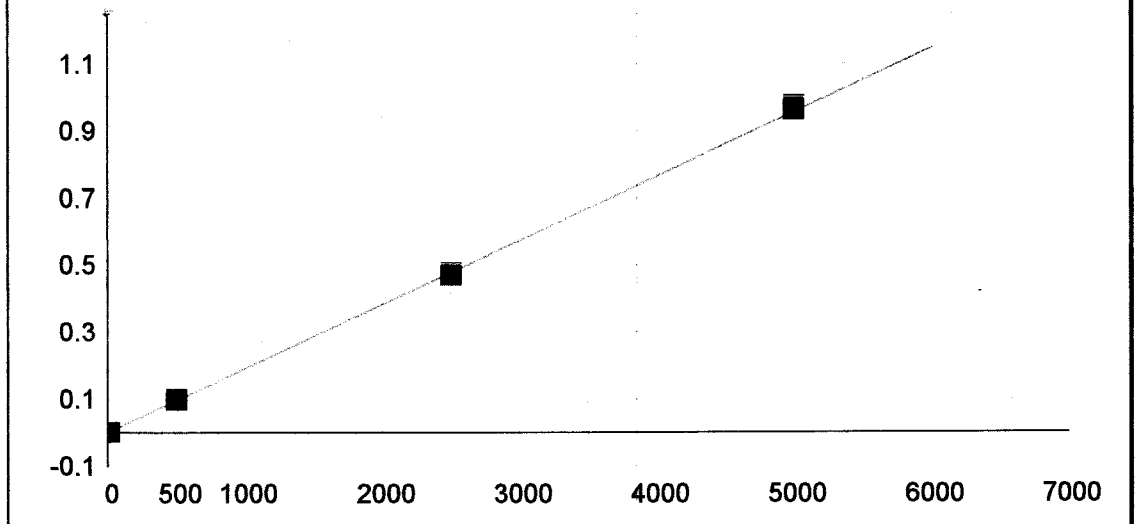


Se 196.090 {472}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000466	Re-Slope:	1.000000
A1 (Gain):	0.000118	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999587	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	2.203762		
Predicted MQL:	7.345874		

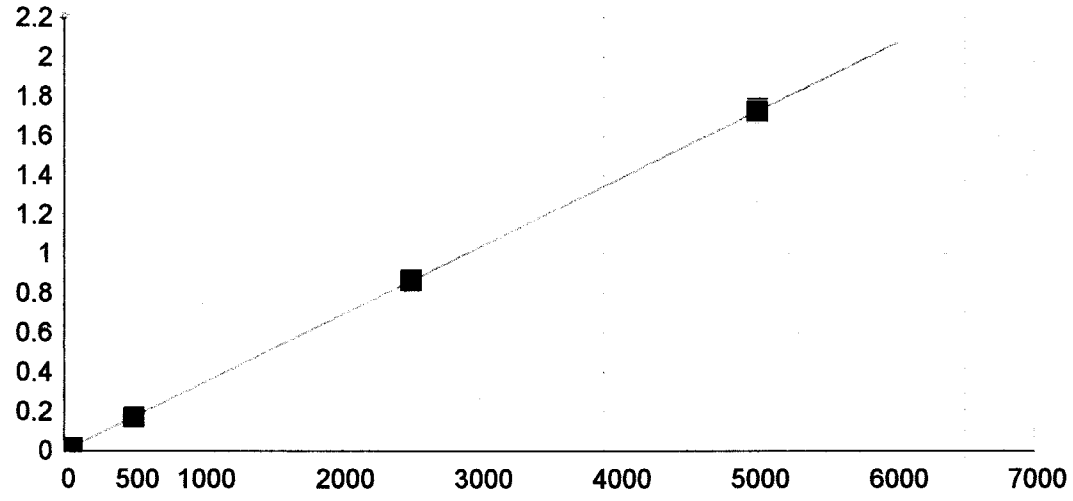
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00055	.001	.000	.00047	.000	1
DCAL1	5.0000	4.8463	-.154	-3.07	.00104	.000	1
DCAL2	500.00	462.74	-37.3	-7.45	.05463	.000	1
DCAL3	2500.0	2435.3	-64.7	-2.59	.28560	.001	1
DCAL4	5000.0	5102.1	102.	2.04	.59799	.002	1



Tl 190.856 {477}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000473		Re-Slope:	1.000000	
A1 (Gain):	0.000191		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999865		Status:	OK.	
Std Error of Est:	0.000037				
Predicted MDL:	1.903300				
Predicted MQL:	6.344334				

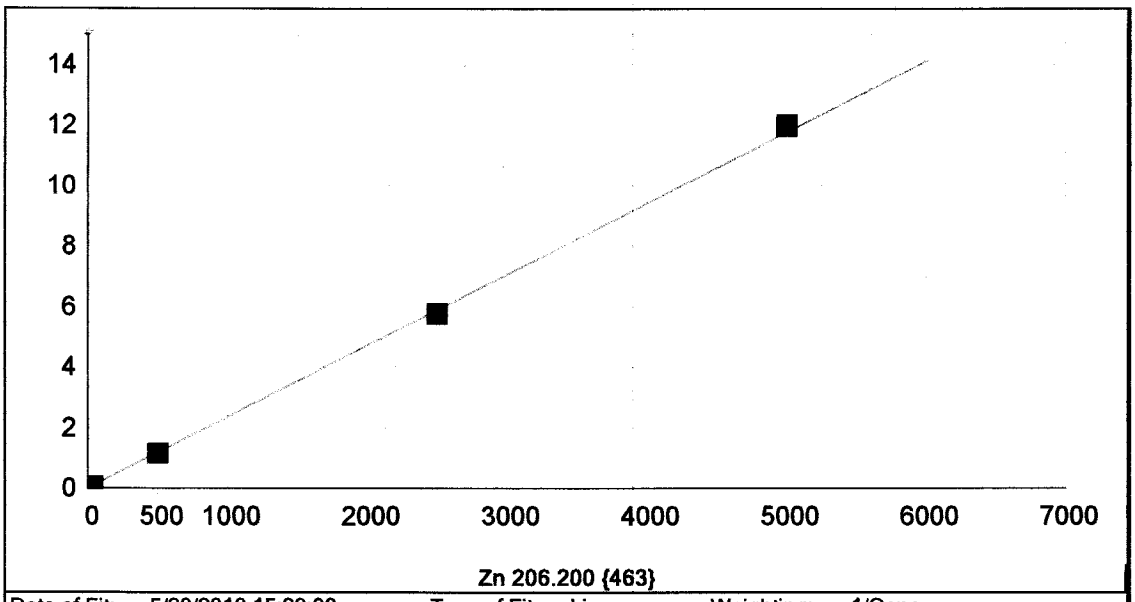
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00350	-.003	.000	-.00047	.001	1
DCAL1	10.000	13.479	3.48	34.8	.00215	.000	1
DCAL2	500.00	506.06	6.06	1.21	.09718	.000	1
DCAL3	2500.0	2457.9	-42.1	-1.68	.47399	.002	1
DCAL4	5000.0	5032.5	32.5	.649	.97074	.004	1



V 292.402 {115}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000114		Re-Slope:	1.000000	
A1 (Gain):	0.000345		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999997		Status:	OK.	
Std Error of Est:	0.000021				
Predicted MDL:	0.429728				
Predicted MQL:	1.432426				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00003	.000	.000	.00011	.000	1
DCAL1	50.000	50.399	.399	.799	.01744	.000	1
DCAL2	500.00	495.68	-4.32	-.863	.16963	.000	1
DCAL3	2500.0	2502.2	2.16	.086	.85586	.002	1
DCAL4	5000.0	5001.8	1.76	.035	1.7107	.011	1

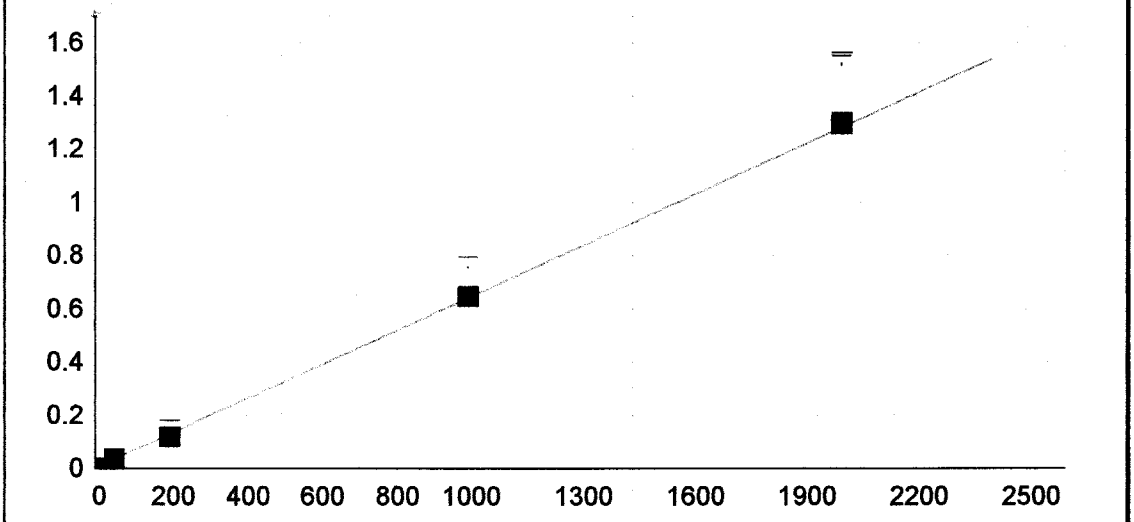


Zn 206.200 {463}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000443	Re-Slope:	1.000000
A1 (Gain):	0.002350	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999798	Status:	OK.
Std Error of Est:	0.000946		
Predicted MDL:	0.116958		
Predicted MQL:	0.389859		

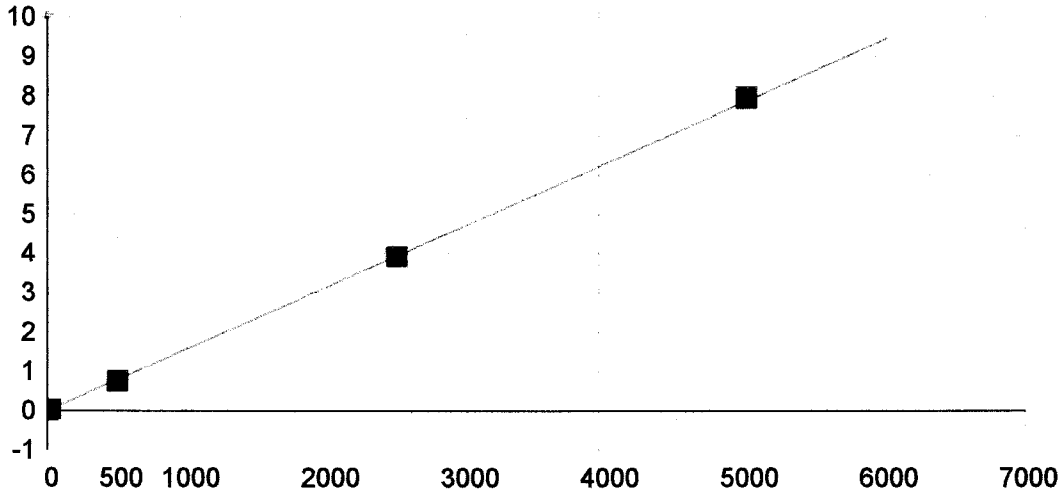
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00075	.001	.000	.00044	.000	1
DCAL1	30.000	30.557	.557	1.86	.07223	.000	1
DCAL2	500.00	482.41	-17.6	-3.52	1.1328	.002	1
DCAL3	2500.0	2440.2	-59.8	-2.39	5.7281	.014	1
DCAL4	5000.0	5076.8	76.8	1.54	11.918	.042	1



B 208.959 {461}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000981		Re-Slope:	1.000000	
A1 (Gain):	0.000640		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999696		Status:	OK.	
Std Error of Est:	0.000305				
Predicted MDL:	0.542284				
Predicted MQL:	1.807612				

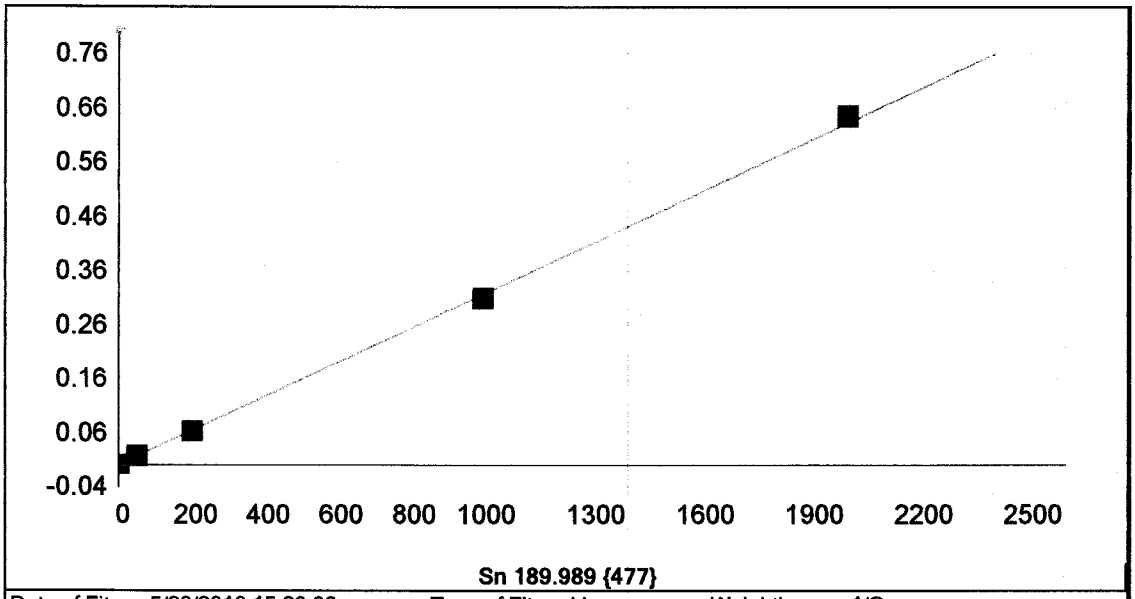
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00996	.010	.000	.00099	.000	1
DCAL1	50.000	44.032	-5.97	-11.9	.03004	.000	1
DCAL2	200.00	180.97	-19.0	-9.52	.13939	.000	1
DCAL3	1000.0	1006.2	6.20	.620	.75788	.001	1
DCAL4	2000.0	2018.0	18.0	.902	1.5184	.006	1



Mo 202.030 {467}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.001019		Re-Slope:	1.000000	
A1 (Gain):	0.001574		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999892		Status:	OK.	
Std Error of Est:	0.000378				
Predicted MDL:	0.215242				
Predicted MQL:	0.717473				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00221	.002	.000	-.00102	.000	1
DCAL1	20.000	18.727	-1.27	-6.36	.02845	.000	1
DCAL2	500.00	475.60	-24.4	-4.88	.74770	.001	1
DCAL3	2500.0	2483.7	-16.3	-.653	3.9089	.005	1
DCAL4	5000.0	5042.0	42.0	.840	7.9365	.030	1

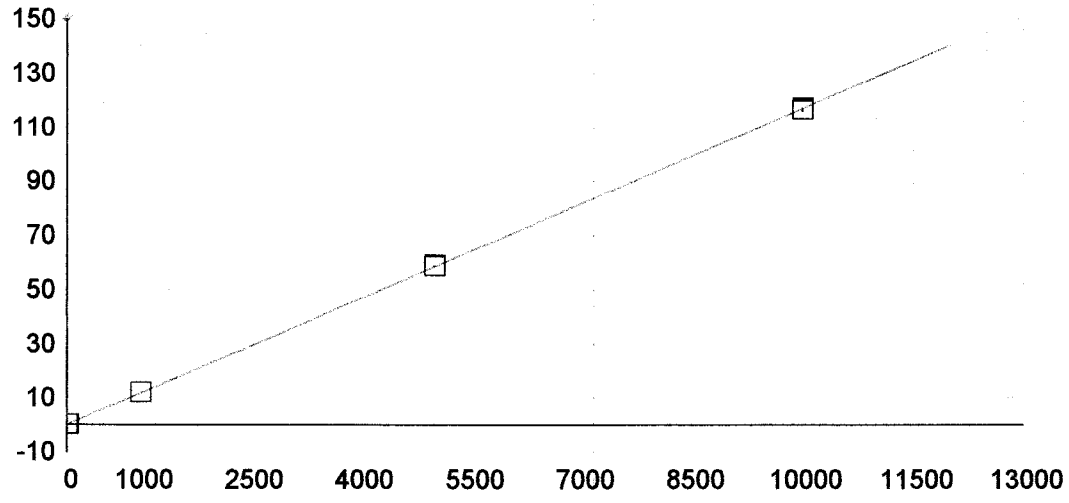


Sn 189.989 {477}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000177	Re-Slope:	1.000000
A1 (Gain):	0.000316	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999769	Status:	OK.
Std Error of Est:	0.000112		
Predicted MDL:	0.561784		
Predicted MQL:	1.872614		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00297	.003	.000	.00018	.000	1
DCAL1	50.000	49.019	-.981	-1.96	.01567	.000	1
DCAL2	200.00	194.06	-5.94	-2.97	.06151	.000	1
DCAL3	1000.0	972.94	-27.1	-2.71	.30766	.001	1
DCAL4	2000.0	2034.0	34.0	1.70	.64299	.002	1

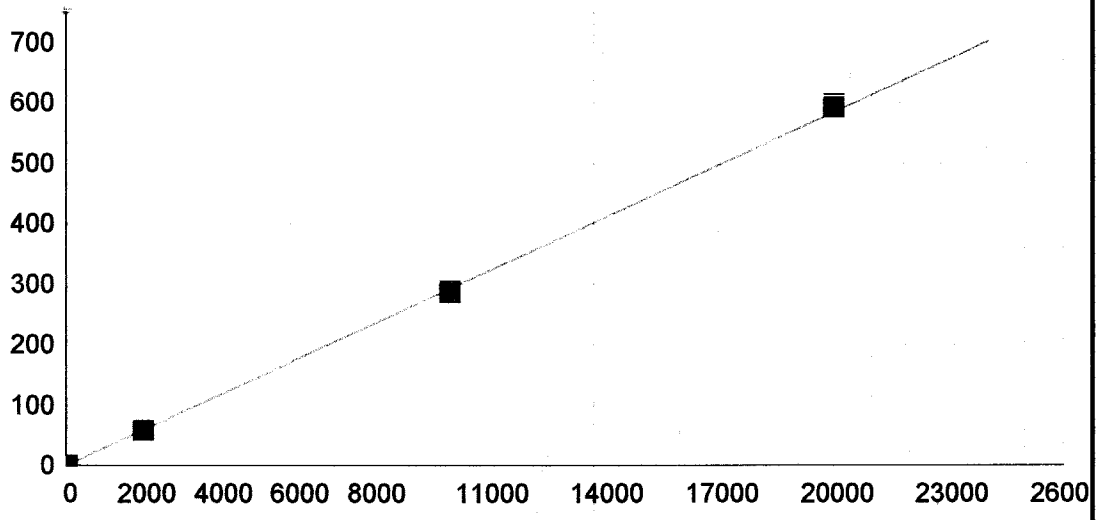


Sr 407.771 { 83}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.008299	Re-Slope:	1.000000
A1 (Gain):	0.011701	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999984	Status:	OK.
Std Error of Est:	0.001509		
Predicted MDL:	0.129399		
Predicted MQL:	0.431329		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00032	.000	.000	-.00830	.002	1
DCAL1	20.000	19.979	-.021	-.105	.22548	.003	1
DCAL2	1000.0	1016.5	16.5	1.65	11.886	.024	1
DCAL3	5000.0	5020.9	20.9	.417	58.742	.218	1
DCAL4	10000.	9962.6	-37.4	-.374	116.57	.517	1

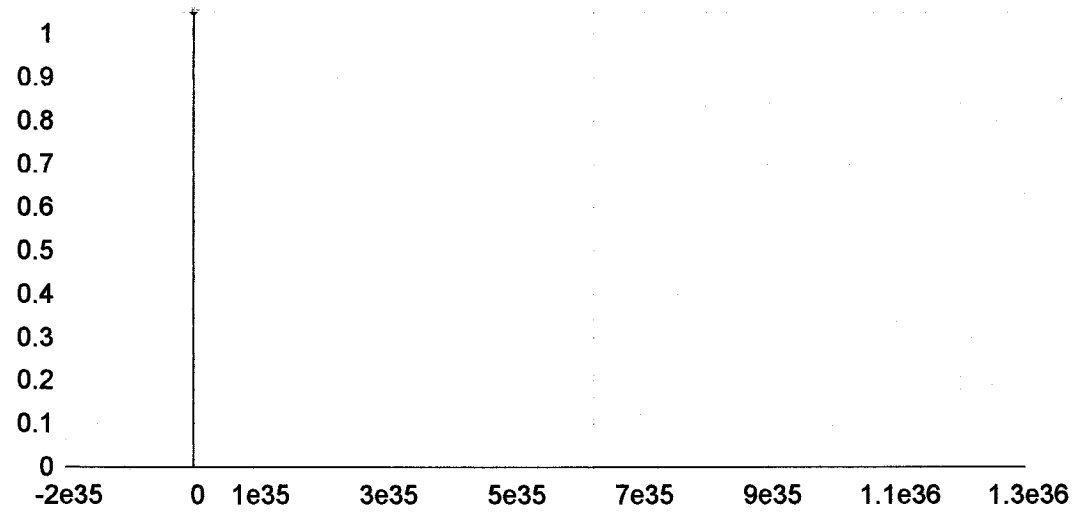


Ti 334.941 {101}

Date of Fit:	5/20/2010 15:29:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.025262	Re-Slope:	1.000000
A1 (Gain):	0.029193	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999863	Status:	OK.
Std Error of Est:	0.015803		
Predicted MDL:	0.123818		
Predicted MQL:	0.412726		

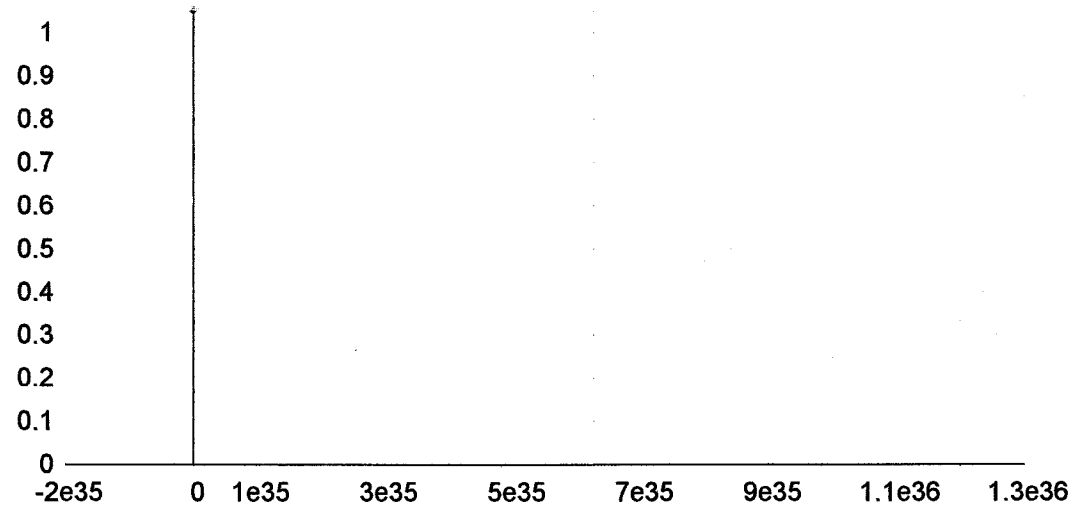
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00072	.001	.000	.02528	.002	1
DCAL1	20.000	19.789	-.211	-1.06	.60287	.009	1
DCAL2	2000.0	1968.1	-31.9	-1.59	57.489	.183	1
DCAL3	10000.	9776.1	-224.	-2.24	285.47	2.82	1
DCAL4	20000.	20256.	256.	1.28	591.45	6.04	1



Y 224.306 {450}*

Date of Fit:	7/2/2009 13:18:43	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	183.492520				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

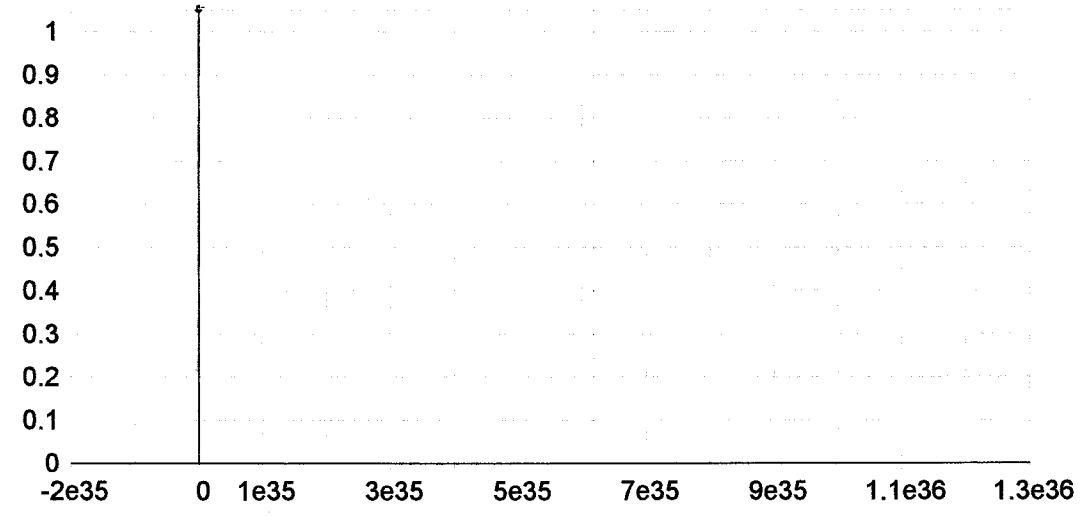


Y 360.073 { 94}*

Date of Fit:	5/4/2010 9:11:13	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				

n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 371.030 { 91}*

Date of Fit:	4/5/2010 8:02:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	192.759705		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq: 2	10:12:34 19 May 10	HG		
Hg	.000	ppb	28					
*** Standard: 2 Rep: 1				Seq: 3	10:14:40 19 May 10	HG		
Hg	.100	ppb	420					
*** Standard: 3 Rep: 1				Seq: 4	10:17:04 19 May 10	HG		
Hg	1.00	ppb	3696					
*** Standard: 4 Rep: 1				Seq: 5	10:19:09 19 May 10	HG		
Hg	2.00	ppb	6736					
*** Standard: 5 Rep: 1				Seq: 6	10:20:59 19 May 10	HG		
Hg	5.00	ppb	17065					
*** Standard: 6 Rep: 1				Seq: 7	10:22:49 19 May 10	HG		
Hg	10.0	ppb	34489					
*** Check Standard: 3			Ck3AICV	Seq: 8	10:24:38 19 May 10	HG		
Line Flag			Intensities					
Hg			17641					
*** Check Standard: 1			Ck1ICB/CCB	Seq: 9	10:26:42 19 May 10	HG		
Line Flag			Intensities					
Hg			-75					
*** Check Standard: 4			Ck4QCS	Seq: 10	10:28:48 19 May 10	HG		
Line Flag			Intensities					
Hg			17812					
*** Sample ID: MCL				Seq: 11	10:30:45 19 May 10	HG		
Hg	1.95	ppb	6742					
*** Sample ID: mb 460-37760/12-a				Seq: 12	10:32:37 19 May 10	HG		
Hg	-.013	ppb	-4					
*** Sample ID: lcs 460-37760/13-a				Seq: 13	10:35:05 19 May 10	HG		
Hg	.990	ppb	3442					

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: 460-13279-d-2-a				Seq: 14	10:37:24 19 May 10	HG		
Hg	.206	ppb	749					

*** Sample ID: Seq: 15 10:39:07 19 May 10 HG
460-13279-a-2-a du
Hg .079 ppb 311

*** Sample ID: Seq: 16 10:40:53 19 May 10 HG
460-13279-d-2-a
Hg .088 ppb 342

*** Sample ID: Seq: 17 10:42:37 19 May 10 HG
460-13279-d-2-b ms
Hg 1.17 ppb 4068

*** Sample ID: Seq: 18 10:44:21 19 May 10 HG
460-13272-c-21-a
Hg -.014 ppb -9

*** Sample ID: Seq: 19 10:46:17 19 May 10 HG
460-13255-e-1-a
Hg 1.87 ppb 6478

*** Sample ID: Seq: 20 10:48:05 19 May 10 HG
460-13255-e-3-a
Hg 1.31 ppb 4540

*** Check Standard: 2 Ck2ACCV Seq: 21 10:50:04 19 May 10 HG
Line Flag Intensities
Hg 18619

*** Check Standard: 1 Ck1ICB/CCB Seq: 22 10:51:49 19 May 10 HG
Line Flag Intensities
Hg -131

*** Sample ID: Seq: 23 10:54:24 19 May 10 HG
460-13249-c-1-a
Hg -.019 ppb -25

*** Sample ID: Seq: 24 10:56:08 19 May 10 HG
460-13251-c-1-a
Hg .040 ppb 178

*** Sample ID: Seq: 25 10:57:57 19 May 10 HG
460-13279-d-1-a
Hg .004 ppb 54

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 26 11:00:19 19 May 10 HG
460-13279-d-3-a
Hg .652 ppb 2280

*** Sample ID: Seq: 27 11:02:16 19 May 10 HG
460-13279-d-4-a
Hg .725 ppb 2532

*** Sample ID: Seq: 28 11:04:01 19 May 10 HG
460-13279-d-5-a
Hg -.025 ppb -46

*** Sample ID: Seq: 29 11:05:45 19 May 10 HG
460-13244-d-9-a

```
Hg   -.050    ppb      -133

*** Sample ID:                      Seq:  30     11:07:58 19 May 10   HG
                          460-13259-i-3-a
Hg    5.17    ppb      17808

*** Sample ID:                      Seq:  31     11:11:36 19 May 10   HG
                          460-13259-i-4-a
Hg    159.    ppb      546205

*** Check Standard: 2  Ck2ACCV      Seq:  32     11:13:31 19 May 10   HG
Line  Flag             Intensities
Hg                     16524

*** Check Standard: 1  Ck1ICB/CCB   Seq:  33     11:15:56 19 May 10   HG
Line  Flag             Intensities
Hg                     -33

*** Sample ID:                      Seq:  34     11:17:51 19 May 10   HG
                          460-13268-f-1-a
Hg   -.003    ppb      29

*** Sample ID:                      Seq:  35     11:19:37 19 May 10   HG
                          460-13268-f-2-a
Hg   -.024    ppb      -41

*** Sample ID:                      Seq:  36     11:21:21 19 May 10   HG
                          460-13268-f-3-a
Hg    .038    ppb      169

*** Sample ID:                      Seq:  37     11:23:09 19 May 10   HG
                          460-13268-f-4-a
Hg    .031    ppb      148

                              Folder:   37760HG1                      Page 4724
12:21:29 19 May 2010          Protocol: 245_7470
                             ***POST-RUN REPORT***
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Sample ID:                      Seq:  38     11:24:53 19 May 10   HG
                          460-13268-e-5-a
Hg   -.000    ppb      39

*** Sample ID:                      Seq:  39     11:26:46 19 May 10   HG
                          460-13268-c-7-a
Hg   -.040    ppb      -99

*** Sample ID:                      Seq:  40     11:28:44 19 May 10   HG
                          460-13268-c-8-a
Hg    .004    ppb      52

*** Sample ID:                      Seq:  41     11:31:30 19 May 10   HG
                          460-13259-i-4-a@30
Hg    .025    ppb      126

*** Sample ID:                      Seq:  42     11:33:24 19 May 10   HG
                          460-13279-d-2-a@5
Hg    8.87    ppb      30521

*** Check Standard: 2  Ck2ACCV      Seq:  43     11:35:10 19 May 10   HG
Line  Flag             Intensities
Hg                     17104
```

*** Check Standard: 1 Ck1ICB/CCB   Seq: 44   11:36:56 19 May 10   HG
Line Flag   Intensities
Hg   -64

*** Sample ID: Seq: 45   11:38:50 19 May 10   HG
                       460-13259-i-4-a@30
Hg   8.96   ppb   30825

*** Sample ID: Seq: 46   11:40:58 19 May 10   HG
                       460-13279-d-2-a@5
Hg   .027   ppb   133

*** Check Standard: 2 Ck2ACCV   Seq: 47   11:43:15 19 May 10   HG
Line Flag   Intensities
Hg   17536

*** Check Standard: 1 Ck1ICB/CCB   Seq: 48   11:44:58 19 May 10   HG
Line Flag   Intensities
Hg   -58

*** Sample ID: Seq: 49   11:46:43 19 May 10   HG
                       mb 460-37762/11-a
Hg   -.010   ppb   4

Line   Conc. Units   SD/RSD   1   2   3   4   5

*** Sample ID: Seq: 50   11:48:33 19 May 10   HG
                       lcs 460-37762/12-a
Hg   5.18   ppb   17844

*** Sample ID: Seq: 51   11:50:38 19 May 10   HG
                       460-13173-a-29-g
Hg   -.024   ppb   -42

*** Sample ID: Seq: 52   11:53:02 19 May 10   HG
                       460-13173-a-29-h du
Hg   .008   ppb   67

*** Sample ID: Seq: 53   11:54:51 19 May 10   HG
                       460-13173-a-29-i ms
Hg   3.23   ppb   11135

*** Sample ID: Seq: 54   11:57:02 19 May 10   HG
                       460-13173-a-29-i ms
Hg   4.70   ppb   16188

*** Sample ID: Seq: 55   11:58:51 19 May 10   HG
                       460-13173-a-30-g
Hg   .017   ppb   100

*** Check Standard: 2 Ck2ACCV   Seq: 56   12:00:36 19 May 10   HG
Line Flag   Intensities
Hg   17348

*** Check Standard: 1 Ck1ICB/CCB   Seq: 57   12:02:30 19 May 10   HG
Line Flag   Intensities
Hg   -69

*** Sample ID: Seq: 58   12:04:15 19 May 10   HG
                       460-13212-a-2-h

```
Hg    .007    ppb      63

*** Sample ID:                    Seq:  59     12:06:10 19 May 10   HG
                        460-13145-a-1-b
Hg    .004    ppb      52

*** Sample ID:                    Seq:  60     12:07:55 19 May 10   HG
                        460-13212-a-1-c
Hg    .719    ppb      2512

*** Sample ID:                    Seq:  61     12:09:51 19 May 10   HG
                        lb 460-37632/1-f
Hg    .000    ppb      41
```



```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
--------------------------------------------------------------------------------

*** Sample ID:                    Seq:  62     12:12:18 19 May 10   HG
                        lb 460-37733/1-b
Hg   -.019    ppb      -25

*** Sample ID:                    Seq:  63     12:14:16 19 May 10   HG
                        SD 460-13173-a-29-g
Hg   -.007    ppb      17

*** Sample ID:                    Seq:  64     12:16:06 19 May 10   HG
                        460-13259-i-4-a@30
Hg    5.00    ppb      17209

*** Check Standard: 2  Ck2ACCV      Seq:  65     12:17:50 19 May 10   HG
Line  Flag             Intensities
Hg                     16848

*** Check Standard: 1  Ck1ICB/CCB   Seq:  66     12:20:07 19 May 10   HG
Line  Flag             Intensities
Hg                     -87
```

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1 Seq: 2 10:12:34 19 May 10 HG

Hg .000 ppb 28

*** Standard: 2 Rep: 1 Seq: 3 10:14:40 19 May 10 HG

Hg .100 ppb 420

*** Standard: 3 Rep: 1 Seq: 4 10:17:04 19 May 10 HG

Hg 1.00 ppb 3696

*** Standard: 4 Rep: 1 Seq: 5 10:19:09 19 May 10 HG

Hg 2.00 ppb 6736

*** Standard: 5 Rep: 1 Seq: 6 10:20:59 19 May 10 HG

Hg 5.00 ppb 17065

*** Standard: 6 Rep: 1 Seq: 7 10:22:49 19 May 10 HG

Hg 10.0 ppb 34489

*** Check Standard: 3 Ck3AICV Seq: 8 10:24:38 19 May 10 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	5.12	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 9 10:26:42 19 May 10 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.033	.200	ppb	.000

*** Check Standard: 4 Ck4QCS Seq: 10 10:28:48 19 May 10 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.	5.17	5.00	ppb	.000

*** Sample ID: Seq: 11 10:30:45 19 May 10 HG

MCL

Hg 1.95 ppb .000 1.95

*** Sample ID: Seq: 12 10:32:37 19 May 10 HG

mb 460-37760/12-a

Hg -.013 ppb .000 -.013

*** Sample ID: Seq: 13 10:35:05 19 May 10 HG

lcs 460-37760/13-a

Hg .990 ppb .000 .990

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 14 10:37:24 19 May 10 HG

460-13279-d-2-a

Hg .206 ppb .000 .206

*** Sample ID: Seq: 15 10:39:07 19 May 10 HG
460-13279-a-2-a du
Hg .079 ppb .000 .079

*** Sample ID: Seq: 16 10:40:53 19 May 10 HG
460-13279-d-2-a
Hg .088 ppb .000 .088

*** Sample ID: Seq: 17 10:42:37 19 May 10 HG
460-13279-d-2-b ms
Hg 1.17 ppb .000 1.17

*** Sample ID: Seq: 18 10:44:21 19 May 10 HG
460-13272-c-21-a
Hg -.014 ppb .000 -.014

*** Sample ID: Seq: 19 10:46:17 19 May 10 HG
460-13255-e-1-a
Hg 1.87 ppb .000 1.87

*** Sample ID: Seq: 20 10:48:05 19 May 10 HG
460-13255-e-3-a
Hg 1.31 ppb .000 1.31

*** Check Standard: 2 Ck2ACCV Seq: 21 10:50:04 19 May 10 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 108. 5.41 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 22 10:51:49 19 May 10 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.050 .200 ppb .000

*** Sample ID: Seq: 23 10:54:24 19 May 10 HG
460-13249-c-1-a
Hg -.019 ppb .000 -.019

*** Sample ID: Seq: 24 10:56:08 19 May 10 HG
460-13251-c-1-a
Hg .040 ppb .000 .040

*** Sample ID: Seq: 25 10:57:57 19 May 10 HG
460-13279-d-1-a
Hg .004 ppb .000 .004

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 26 11:00:19 19 May 10 HG
460-13279-d-3-a
Hg .652 ppb .000 .652

*** Sample ID: Seq: 27 11:02:16 19 May 10 HG
460-13279-d-4-a
Hg .725 ppb .000 .725

*** Sample ID: Seq: 28 11:04:01 19 May 10 HG
460-13279-d-5-a
Hg -.025 ppb .000 -.025

*** Sample ID: Seq: 29 11:05:45 19 May 10 HG
460-13244-d-9-a

```
Hg   -.050    ppb       .000     -.050

*** Sample ID:                        Seq:  30     11:07:58 19 May 10   HG
                          460-13259-i-3-a
Hg    5.17    ppb       .000      5.17

*** Sample ID:                        Seq:  31     11:11:36 19 May 10   HG
                          460-13259-i-4-a
Hg    159.    ppb       .000      159.

*** Check Standard: 2  Ck2ACCV      Seq:  32      11:13:31 19 May 10   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          95.9     4.80    5.00   ppb        .000

*** Check Standard: 1  Ck1ICB/CCB   Seq:  33      11:15:56 19 May 10   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.021     .200     ppb        .000

*** Sample ID:                        Seq:  34     11:17:51 19 May 10   HG
                          460-13268-f-1-a
Hg   -.003    ppb       .000     -.003

*** Sample ID:                        Seq:  35     11:19:37 19 May 10   HG
                          460-13268-f-2-a
Hg   -.024    ppb       .000     -.024

*** Sample ID:                        Seq:  36     11:21:21 19 May 10   HG
                          460-13268-f-3-a
Hg    .038    ppb       .000      .038

*** Sample ID:                        Seq:  37     11:23:09 19 May 10   HG
                          460-13268-f-4-a
Hg    .031    ppb       .000      .031
```



```
*** Sample ID:                        Seq:  38     11:24:53 19 May 10   HG
                          460-13268-e-5-a
Hg   -.000    ppb       .000     -.000

*** Sample ID:                        Seq:  39     11:26:46 19 May 10   HG
                          460-13268-c-7-a
Hg   -.040    ppb       .000     -.040

*** Sample ID:                        Seq:  40     11:28:44 19 May 10   HG
                          460-13268-c-8-a
Hg    .004    ppb       .000      .004

*** Sample ID:                        Seq:  41     11:31:30 19 May 10   HG
                          460-13259-i-4-a@30
Hg    .025    ppb       .000      .025

*** Sample ID:                        Seq:  42     11:33:24 19 May 10   HG
                          460-13279-d-2-a@5
Hg    8.87    ppb       .000      8.87

*** Check Standard: 2  Ck2ACCV      Seq:  43      11:35:10 19 May 10   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          99.3     4.97    5.00   ppb        .000
```

*** Check Standard: 1 Ck1ICB/CCB   Seq: 44   11:36:56 19 May 10   HG
Line Flag Found Range(+/-) Units   SD/RSD
Hg   -.030   .200   ppb   .000

*** Sample ID: Seq: 45   11:38:50 19 May 10   HG
                            460-13259-i-4-a@30
Hg   8.96   ppb   .000   8.96

*** Sample ID: Seq: 46   11:40:58 19 May 10   HG
                            460-13279-d-2-a@5
Hg   .027   ppb   .000   .027

*** Check Standard: 2 Ck2ACCV   Seq: 47   11:43:15 19 May 10   HG
Line Flag %Rcv.   Found   True Units   SD/RSD
Hg   102.   5.09   5.00   ppb   .000

*** Check Standard: 1 Ck1ICB/CCB   Seq: 48   11:44:58 19 May 10   HG
Line Flag Found Range(+/-) Units   SD/RSD
Hg   -.028   .200   ppb   .000

*** Sample ID: Seq: 49   11:46:43 19 May 10   HG
                            mb 460-37762/11-a
Hg   -.010   ppb   .000   -.010

Line   Conc. Units   SD/RSD   1   2   3   4   5

*** Sample ID: Seq: 50   11:48:33 19 May 10   HG
                            lcs 460-37762/12-a
Hg   5.18   ppb   .000   5.18

*** Sample ID: Seq: 51   11:50:38 19 May 10   HG
                            460-13173-a-29-g
Hg   -.024   ppb   .000   -.024

*** Sample ID: Seq: 52   11:53:02 19 May 10   HG
                            460-13173-a-29-h du
Hg   .008   ppb   .000   .008

*** Sample ID: Seq: 53   11:54:51 19 May 10   HG
                            460-13173-a-29-i ms
Hg   3.23   ppb   .000   3.23

*** Sample ID: Seq: 54   11:57:02 19 May 10   HG
                            460-13173-a-29-i ms
Hg   4.70   ppb   .000   4.70

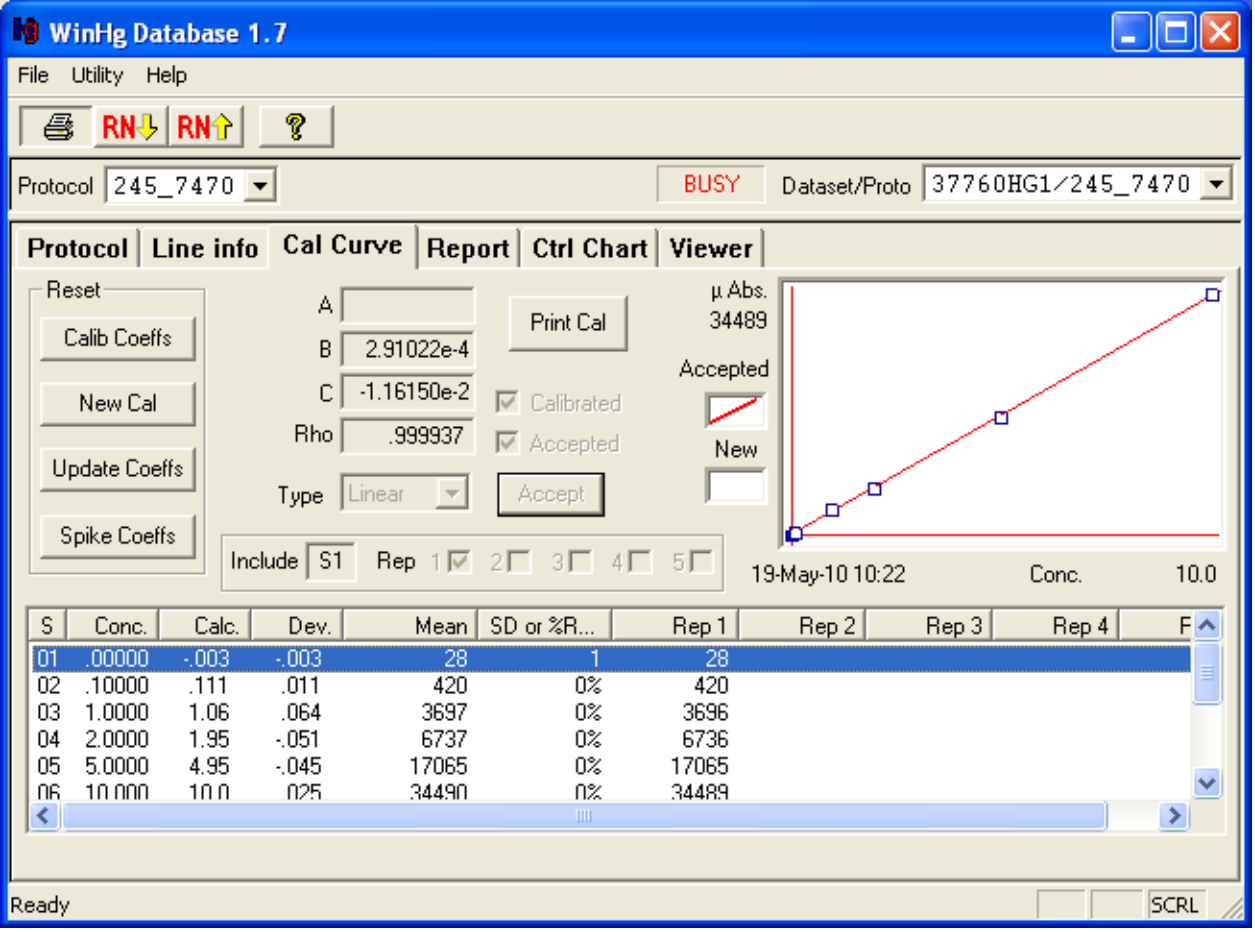
*** Sample ID: Seq: 55   11:58:51 19 May 10   HG
                            460-13173-a-30-g
Hg   .017   ppb   .000   .017

*** Check Standard: 2 Ck2ACCV   Seq: 56   12:00:36 19 May 10   HG
Line Flag %Rcv.   Found   True Units   SD/RSD
Hg   101.   5.04   5.00   ppb   .000

*** Check Standard: 1 Ck1ICB/CCB   Seq: 57   12:02:30 19 May 10   HG
Line Flag Found Range(+/-) Units   SD/RSD
Hg   -.032   .200   ppb   .000

*** Sample ID: Seq: 58   12:04:15 19 May 10   HG
                            460-13212-a-2-h

```
Hg    .007    ppb       .000      .007

*** Sample ID:                        Seq:  59     12:06:10 19 May 10   HG
                          460-13145-a-1-b
Hg    .004    ppb       .000      .004

*** Sample ID:                        Seq:  60     12:07:55 19 May 10   HG
                          460-13212-a-1-c
Hg    .719    ppb       .000      .719

*** Sample ID:                        Seq:  61     12:09:51 19 May 10   HG
                          lb 460-37632/1-f
Hg    .000    ppb       .000      .000

                               Folder:   37760HG1                      Page 4732
12:21:51 19 May 2010           Protocol: 245_7470
                              ***POST-RUN REPORT***
Line   Conc.  Units     SD/RSD      1       2       3       4       5
--------------------------------------------------------------------------------

*** Sample ID:                        Seq:  62     12:12:18 19 May 10   HG
                          lb 460-37733/1-b
Hg   -.019    ppb       .000     -.019

*** Sample ID:                        Seq:  63     12:14:16 19 May 10   HG
                          SD 460-13173-a-29-g
Hg   -.007    ppb       .000     -.007

*** Sample ID:                        Seq:  64     12:16:06 19 May 10   HG
                          460-13259-i-4-a@30
Hg    5.00    ppb       .000      5.00

*** Check Standard: 2  Ck2ACCV      Seq:  65      12:17:50 19 May 10   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          97.8     4.89    5.00   ppb        .000

*** Check Standard: 1  Ck1ICB/CCB   Seq:  66      12:20:07 19 May 10   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.037     .200     ppb        .000
```


WinHg Database 1.7
File Utility Help
RN RN
Protocol 245_7470
BUSY
Dataset/Proto 37760HG1/245_7470
Protocol Line info Cal Curve Report Ctrl Chart Viewer
Reset
Calib Coeffs
New Cal
Update Coeffs
Spike Coeffs
A
B 2.91022e-4
C -1.16150e-2
Rho .999937
Type Linear
Print Cal
Calibrated
Accepted
Accept
µ Abs.
34489
Accepted
New
Include S1 Rep 1 2 3 4 5
19-May-10 10:22
Conc. 10.0
S Conc. Calc. Dev. Mean SD or %R... Rep 1 Rep 2 Rep 3 Rep 4
01 .00000 -.003 -.003 28 1 28
02 .10000 .111 .011 420 0% 420
03 1.0000 1.06 .064 3697 0% 3696
04 2.0000 1.95 -.051 6737 0% 6736
05 5.0000 4.95 -.045 17065 0% 17065
Ready
SCRL

Metals Worksheet

Batch Number: 460-37760
Method: 245.1
Analyst: Staib, Thomas

Date Open: May 19 2010 7:30AM
Batch End: May 19 2010 9:30AM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_DCAL-IN_00287	ME_DICV-IN_00289
IC~460-37760/1				100 mL	100 mL		
IC~460-37760/2				100 mL	100 mL	0.1 mL	
IC~460-37760/3				100 mL	100 mL	1 mL	
IC~460-37760/4				100 mL	100 mL	2 mL	
IC~460-37760/5				100 mL	100 mL	5 mL	
IC~460-37760/6				100 mL	100 mL	10 mL	
ICV~460-37760/7		7470A, 7470A		100 mL	100 mL	5 mL	
CCV~460-37760/8		7470A, 7470A		100 mL	100 mL	5 mL	
CCB~460-37760/9		7470A, 7470A		100 mL	100 mL		
QCS				100 mL	100 mL		5 mL
MCL				100 mL	100 mL	2 mL	
MB~460-37760/12		7470A, 7470A		30 mL	30 mL		
LCS~460-37760/13		7470A, 7470A		30 mL	30 mL	0.30 mL	
460-13279-D-2	GW-017338-051810-ACH-02	7470A, 7470A	T	30 mL	30 mL		
460-13279-A-2~DU	GW-017338-051810-ACH-02	7470A, 7470A	T	30 mL	30 mL		
460-13279-D-2~MS	GW-017338-051810-ACH-02	7470A, 7470A	T	30 mL	30 mL	0.30 mL	
460-13272-C-21			T	30 mL	30 mL		
460-13255-E-1			T	30 mL	30 mL		
460-13255-E-3			T	30 mL	30 mL		
460-13249-C-1			T	30 mL	30 mL		
460-13251-C-1			T	30 mL	30 mL		
460-13279-D-1	EB-017338-051810-ACH-01	7470A, 7470A	T	30 mL	30 mL		
460-13279-D-3	GW-017338-051810-ACH-03	7470A, 7470A	T	30 mL	30 mL		
460-13279-D-4	GW-017338-051810-ACH-04	7470A, 7470A	T	30 mL	30 mL		
460-13279-D-5	GW-017338-051810-ACH-05	7470A, 7470A	T	30 mL	30 mL		

Metals Worksheet

Batch Number: 460-37760
Method: 245.1
Analyst: Staib, Thomas

Date Open: May 19 2010 7:30AM
Batch End: May 19 2010 9:30AM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_DCAL-IN_00287	ME_DICV-IN_00289
460-13244-D-9			T	30 mL	30 mL		
460-13259-I-3			T	30 mL	30 mL		
460-13259-I-4			T	30 mL	30 mL		
460-13268-F-1			T	30 mL	30 mL		
460-13268-F-2			T	30 mL	30 mL		
460-13268-F-3			T	30 mL	30 mL		
460-13268-F-4			T	30 mL	30 mL		
460-13268-E-5			T	30 mL	30 mL		
460-13268-C-7			T	30 mL	30 mL		
460-13268-C-8			T	30 mL	30 mL		

Oven, Bath or Block Temperature 1:	95 Degrees C
Hood ID or number:	#2
ID number of the thermometer:	Prep-1
Temperature:	95 Degrees C
Lot # of Nitric Acid:	H51022
Lot # of hydrochloric acid:	HgR01139
Sulfuric Acid Lot Number:	H46F04
Potassium Permanganate Lot Number:	HgR01141
Potassium Persulfate Lot Number:	HgR01143
Stannous Chloride Lot Number:	HgR01140
Hydroxylamine Hydrochloride Lot:	G50470
NaCL Lot #:	G28618
Pipette ID:	#33

Metals Worksheet

Batch Number: 460-37871
Method: 3010A
Analyst: Yang, Qin

Date Open: May 20 2010 8:57AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ME_LCS-int_00020
MB~460-37871/1		3010A, 6010B		100 mL	100 mL	
LCS~460-37871/2		3010A, 6010B		100 mL	100 mL	2 mL
460-13279-D-2	GW-017338-051810-ACH-02	3010A, 6010B	T	100 mL	100 mL	
460-13279-D-2~DU	GW-017338-051810-ACH-02	3010A, 6010B	T	100 mL	100 mL	
460-13279-D-2~MS	GW-017338-051810-ACH-02	3010A, 6010B	T	100 mL	100 mL	2 mL
460-13299-G-1			T	100 mL	100 mL	
460-13299-C-2			T	100 mL	100 mL	
460-13299-G-3			T	100 mL	100 mL	
460-13299-B-6			T	100 mL	100 mL	
460-13299-B-7			T	100 mL	100 mL	
460-13279-D-1	EB-017338-051810-ACH-01	3010A, 6010B	T	100 mL	100 mL	
460-13279-D-3	GW-017338-051810-ACH-03	3010A, 6010B	T	100 mL	100 mL	
460-13279-D-4	GW-017338-051810-ACH-04	3010A, 6010B	T	100 mL	100 mL	
460-13279-D-5	GW-017338-051810-ACH-05	3010A, 6010B	T	100 mL	100 mL	
460-13309-A-1			T	100 mL	100 mL	
460-13309-A-2			T	100 mL	100 mL	
460-13309-A-4			T	100 mL	100 mL	
460-13312-G-2			T	100 mL	100 mL	
460-13312-G-3			T	100 mL	100 mL	
460-13312-G-4			T	100 mL	100 mL	
460-13312-G-5			T	100 mL	100 mL	
460-13312-G-6			T	100 mL	100 mL	
460-13312-G-7			T	100 mL	100 mL	

Lot # of Nitric Acid: J04031
Digestion Tube/Cup Lot #: A909LS162
Hot Block ID number: 5
ID number of the thermometer: 2
Oven, Bath or Block Temperature 1: 95 Degrees C
Oven, Bath or Block Temperature 2: 95 Degrees C
Pipette ID: 40
First Start time: 8:00
First End time: 12:30

Metals Worksheet

Batch Number: 460-37871
Method: 3010A
Analyst: Yang, Qin

Date Open: May 20 2010 8:57AM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~460-37871/1		3010A, 6010B		
LCS~460-37871/2		3010A, 6010B		
460-13279-D-2	GW-017338-051810-ACH-02	3010A, 6010B	T	
460-13279-D-2~DU	GW-017338-051810-ACH-02	3010A, 6010B	T	
460-13279-D-2~MS	GW-017338-051810-ACH-02	3010A, 6010B	T	
460-13299-G-1			T	
460-13299-C-2			T	
460-13299-G-3			T	
460-13299-B-6			T	
460-13299-B-7			T	
460-13279-D-1	EB-017338-051810-ACH-01	3010A, 6010B	T	
460-13279-D-3	GW-017338-051810-ACH-03	3010A, 6010B	T	
460-13279-D-4	GW-017338-051810-ACH-04	3010A, 6010B	T	
460-13279-D-5	GW-017338-051810-ACH-05	3010A, 6010B	T	
460-13309-A-1			T	
460-13309-A-2			T	
460-13309-A-4			T	
460-13312-G-2			T	
460-13312-G-3			T	
460-13312-G-4			T	
460-13312-G-5			T	
460-13312-G-6			T	
460-13312-G-7			T	

Batch Comment: 1:1 HCL LOT MPR 148

Shipping and Receiving Documents

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES
410 Eagleview Blvd
Exton, PA 19341

SHIPPED TO (Laboratory Name): Test America

REFERENCE NUMBER: 017338 60401

SAMPLER'S SIGNATURE: Amanda Hunter PRINTED NAME: Amanda Hunter

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PARAMETERS: VOC's	TAL Metals	BNA's	REMARKS
	5/18/10	0840	EB-017338-051810-ACH-01	EB	6	3	1	2	1
		0930	GW-017338-051810-ACH-02	GW	18	9	3	6	2
		1100	GW-017338-051810-ACH-03	GW	6	3	1	2	3
		1110	GW-017338-051810-ACH-04	GW	6	3	1	2	4
		1200	GW-017338-051810-ACH-05	GW	6	3	1	2	5
	↓	1200	trip blank-017338-051810-ACH-06	TB	3	3			6

REMARKS: 13279

Please contact Sue Scacchi for revised analytical methods 716 297 0150 [reference SIM method] for SVOC's analyze using method 8270 SIM

TOTAL NUMBER OF CONTAINERS: 45

HEALTH/CHEMICAL HAZARDS:

RELINQUISHED BY: ① Amanda Hunter	DATE: 5/18/10 TIME: 1400	RECEIVED BY: ①	DATE: 5/18/10 TIME: 1400
RELINQUISHED BY: ②	DATE: 5/18/10 TIME: 1500	RECEIVED BY: ②	DATE: 5/18/10 TIME: 17:38
RELINQUISHED BY: ③	DATE: 5/18/10 TIME:	RECEIVED BY: ③	DATE: 5/18/10 TIME: 1905

METHOD OF SHIPMENT: Courier WAY BILL No. 2720 8C-470

White	—Fully Executed Copy
Yellow	—Receiving Laboratory Copy
Pink	—Shipper Copy
Goldenrod	—Sampler Copy

SAMPLE TEAM: Amanda Hunter

RECEIVED FOR LABORATORY BY: _____ DATE: _____ TIME: _____

Nº CRA 23145

1001 (D) APR 28/97(NF) REV. 0 (F-15)

05/27/2010

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TestAmerica Edison
Sample pH Receipt Log

Job No. 13279

page ___ of ___

Sample No.	Ammonia (pH<2)	COD (pH<2)	Metals (pH<2)	Nitrate Nitrite (pH<2)	O & G (pH<2)	Pest (pH 5-9)	PHC (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH12)	Total Phos (pH<2)	Other
1			LZ											
2			LZ											
3			LZ											
4			LZ											
5			LZ											

Initials: CHall

Date: 5/12/10

EDS-WI-038, Rev 1, 11/21/07

05/27/2010

Login Sample Receipt Check List

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-13279-1

Login Number: 13279

List Source: TestAmerica Edison

Creator: Smith, Anthony G

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	not received
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.7°,2.8°C IR 70
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	